

APPENDIX F

DAILY PROGRESS REPORTS



Daily Progress Reports Offshore HRG Survey

\$ Alķ							DAILY REPORT	
Vessel: Client:		RV Shearwater US Wind			Project No: Todays Date:		1783 23 August 2016	
Location:		Ocean City, MD			Report No:		1	
Project:	EX	cport Cable Survey			Start Date:		23 August 2016	
	All times are	EST		(GMT -	05:00	hrs)		
AA.		ION AT 24:00 HRS:						
Description:	Quayside at USCO	G Ocean City	Latitude:	38° 19 40.86		Longitude: 7	75° 05 29.22	
BB.	WEATHER:							
Time	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	-	
00:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
08:00 16:00	Quayside Quayside	Quayside Quayside	Quayside Quayside	Quayside Quayside	Quayside Quayside	Quayside Quayside		
24:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
		•						
CC.	PERSONNEL &							
C1.	Alpine OSS Pers	sonnel:		Mitch Kennel				
	Dan Whitesell Cam Morissette		,	Mitch Kennedy		Processor: E	Brent Johnston	
•	Marcus Kwasek		-	Dario Manchia Ben Manze				
C2.	Additional Perso	onnel	10063501	Serraidize		l		
	al Lee Shaw, Jack Al	llum. Felix Smith						
, , , , , , , , , , , , , , , , , , ,	,	. ,						
C3.	Client Personne	l:						
Client Rep.								
C4.	Personnel On Be	oard:						
C4. ALPINE:		oard: CLIENT:		VESSEL:	6	OTHERS:	TOTAL 1	17
ALPINE:	11	CLIENT:		VESSEL:	6	OTHERS:	TOTAL 1	17
ALPINE:	11 ALPINE'S Equip	CLIENT:	ł	VESSEL:	6	OTHERS:	TOTAL 1	17
ALPINE: C5. SON 7125 MBE	11 ALPINE'S Equip	CLIENT:	ł	VESSEL:	6	OTHERS:	TOTAL 1	17
ALPINE: C5. SON 7125 MBE hardyne USBL	11 ALPINE'S Equip	CLIENT:	ł	VESSEL:	6	OTHERS:	TOTAL 1	17
ALPINE: C5. SON 7125 MBE hardyne USBL n 3900 side scan so	ALPINE'S Equip	CLIENT:	ł	VESSEL:	6	OTHERS:	TOTAL 1	17
ALPINE: C5. SON 7125 MBE hardyne USBL n 3900 side scan so	ALPINE'S Equip	CLIENT: ment: Benthos CHIRP III subbo	ł	VESSEL:	6	OTHERS:	TOTAL 1	17
ALPINE: C5. 50N 7125 MBE hardyne USBL n 3900 side scan soo pometrics 882 magnet C6.	ALPINE'S Equip	CLIENT: ment: Benthos CHIRP III subbo	ł	VESSEL:	6	OTHERS:	TOTAL 1	17
ALPINE: C5. SON 7125 MBE lardyne USBL n 3900 side scan so ometrics 882 magnet C6. Ms Mark 4.0 acou	ALPINE'S Equip	CLIENT: ment: Benthos CHIRP III subbo	ł	VESSEL:	6	OTHERS:	TOTAL 1	17
ALPINE: C5. SON 7125 MBE lardyne USBL n 3900 side scan sol ometrics 882 magnet C6. Ms Mark 4.0 acou nacle GEN 3 Night	ALPINE'S Equip	CLIENT: ment: Benthos CHIRP III subbo pment pment	ottom profiler			OTHERS:	TOTAL 1	17
ALPINE: C5. SON 7125 MBE lardyne USBL n 3900 side scan so ometrics 882 magnet C6. Ms Mark 4.0 acou	ALPINE'S Equip	CLIENT: ment: Benthos CHIRP III subbo poment oment ns (include notices	ottom profiler					17
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sou ometrics 882 magnet C6. Ms Mark 4.0 acou nacle GEN 3 Night C7.	ALPINE'S Equip	CLIENT: ment: Benthos CHIRP III subbo poment poment ns (include notices	ottom profiler	f personnel / eq	uipment)	On Vess	sel	17
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan sou ometrics 882 magnet C6. Ms Mark 4.0 acou nacle GEN 3 Night C7.	ALPINE'S Equip	CLIENT: ment: Benthos CHIRP III subbo poment poment ns (include notices	ottom profiler	f personnel / eq Personnel:	uipment) Sharon Doak	On Ves: e, Crystal Lee Sha		
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan sou ometrics 882 magnet C6. Ms Mark 4.0 acou nacle GEN 3 Night C7. rsonnel:	ALPINE'S Equip	CLIENT: ment: Benthos CHIRP III subbo poment poment ns (include notices	ottom profiler	f personnel / eq Personnel:	uipment) Sharon Doak m Morissette,	On Ves: e, Crystal Lee Sha Marcu Kwasek, Mi	sel w, Jack Allum, Felix Smith	anze
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan sou cometrics 882 magnet C6. Ms Mark 4.0 acou nnacle GEN 3 Night C7. rsonnel:	ALPINE'S Equip	CLIENT: ment: Benthos CHIRP III subbo poment poment ns (include notices	ottom profiler	f personnel / eq Personnel: Dan Whitesell, Ca Equipment:	uipment) Sharon Doak am Morissette, RESON 7125	On Vess e, Crystal Lee Sha Marcu Kwasek, Mi MBE, Sonardyne	sel wy, Jack Allum, Felix Smith tch Kennedy, Dario Manchia, Ben Ma	anze
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan soo ometrics 882 magnet C6. Ms Mark 4.0 acou nacle GEN 3 Night C7. rsonnel: uipment:	ALPINE'S Equip	CLIENT: ment: Benthos CHIRP III subbo oment oment ns (include notices ssel	ottom profiler	f personnel / eq Personnel: Dan Whitesell, Ca Equipment:	uipment) Sharon Doak am Morissette, RESON 7125	On Vess e, Crystal Lee Sha Marcu Kwasek, Mi MBE, Sonardyne	sel Iw, Jack Allum, Felix Smith tch Kennedy, Dario Manchia, Ben Ma USBL, Klein 3900 side scan sonar subbottom profiler	anze
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EE.	PROJECT DATA	:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М				8:30	8:30		56.67
Transit	т				6:30	6:30		43.33
Calibrations	С							
Operational	0							
Weather Standby	w							
-	S							
Standby on Client								
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO							
			TOTAL		15:00	15:00		100.00%
Hrs. of L	Daily Operations	24		Cumi	Iative Hours	Check Value=	24.00	
E2.	Survey Progress	5:						INSERT A ROW
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
								,
	TOTALS:							
FF.	SAFETY (Details	& Figures for Vesse	l and Survey C	Crews and Client	Representativ	/es)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
					Events	roday o Evoluo	Eronio ro Baio	
			Projec	t & HSE Briefings		1	1	
		Ships	s Drill, MOB, Fire	e & Abandon Ship				
			N.	/essel guided tour		2	2	
		Me	edical Treatment	t / First Aid Cases				
			т	Fool Box Meetings		1	1	
				Incident Reports				
				-				
				Near Miss Reports				
			-	vation Card (SOB)				
				Observation Card				
				-				
	1	vey Man-Hours work	ed since start	of project or LTI.		255:00	255:00	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	iel (T)	Lube	e Oil (L)	I.	Nater (T)
		Start of Project						
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HR	S:					
Harbor conditions								
II.		ROGRAM NEXT 24	HRS					
		onar on center moon p		IDDOLT				
				арроп				
		COMMENTS: (Opti						
All Alpine survey and PS	O personnel arrived o	nboard the vessel. Safety	and project briefi	ings and vessel indu	ctions were cond	ucted. Mobilization	and equipment installa	ation began.
KK.	REPRESENTATI	VE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
		- 33				/ / /		
\sim) () ()	DIA				P.	- 00	ile
Ve	mel U	trutezell				10	er m	the
	Dan Whitesell						Keir Mille	
	Survey Party Chie						(Client Represe	
Vessel:	RV Sh	earwater	Project No:			Date:	23 A	ugust 2016
Client:	US	Wind	Location:	Ocean Ci	ty, MD	Report No.		001
			Project:	Export Cable S	urvey	-		

\$ Alp							DAILY REPORT
Vessel:		RV Shearwater			Project No:		1783
Client:		US Wind			Todays Date:		24 August 2016
Location:		Ocean City, MD			Report No:		2
Project:		port Cable Survey			Start Date:		23 August 2016
Filgeol.	Ex.	port Cable Survey			Start Date.		25 August 2010
	All times are	EST		(GMT -	5:00	hrs)	
AA.		ION AT 24:00 HRS:		208 40 40 90		Les situales 7	E° 05 00 00
Description:	Quayside at USCO	5 Ocean City	Latitude	: 38° 19 40.86		Longitude: 7	5 05 29.22
BB.	WEATHER:						
Time	BAROM	WIND)	WAVE	VISIB.	SKY	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside	
08:00	-	-	-	Quayside	-	-	
	Quayside	Quayside	Quayside		Quayside	Quayside	
16:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside	
24:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside	
CC.	PERSONNEL &						
	Alpine OSS Pers						
-	Dan Whitesell		Survevor	Mitch Kennedy		Processor: P	Brent Johnston
Shift Supervisor:				Dario Manchia			
•	Marcus Kwasek			Ben Manze			
	Additional Perso	nnel	110063301				
	Lee Shaw, Jack Al						
aron Doake, Crysta	TLEE SHaw, Jack A						
C3.	Client Personne	ŀ					
		1.					
Client Rep.	Keir Miller						
C4.							
	Personnel On Bo			V/50051		071/500	
ALPINE:	11	Dard: CLIENT:	1	VESSEL:	6	OTHERS:	TOTAL 18
ALPINE:	11	CLIENT:	1	VESSEL:	6	OTHERS:	TOTAL 18
ALPINE: C5.	11 ALPINE'S Equip	CLIENT:	l	VESSEL:	6	OTHERS:	TOTAL 18
ALPINE: C5. SON 7125 MBE	11 ALPINE'S Equip	CLIENT:	l	VESSEL:	6	OTHERS	TOTAL 18
ALPINE: C5. SON 7125 MBE hardyne USBL	11 ALPINE'S Equip	CLIENT:	l	VESSEL:	6	OTHERS	TOTAL 18
ALPINE: C5. SON 7125 MBE hardyne USBL n 3900 side scan son	11 ALPINE'S Equip	CLIENT:	l	VESSEL:	6	OTHERS	TOTAL 18
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan son ometrics 882 magneto	11 ALPINE'S Equip ar ometer	CLIENT: ment: Benthos CHIRP III subbo	l	VESSEL:	6	OTHERS	TOTAL 18
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan son ometrics 882 magneto C6.	11 ALPINE'S Equip ar ometer Additional Equip	CLIENT: ment: Benthos CHIRP III subbo	l	VESSEL:	6	OTHERS	TOTAL 18
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan son ometrics 882 magneto C6. Ms Mark 4.0 acoust	11 ALPINE'S Equip ar meter Additional Equip stic monitoring equip	CLIENT: ment: Benthos CHIRP III subbo	l	VESSEL:	6	OTHERS	TOTAL 18
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan son ometrics 882 magneto C6. Ms Mark 4.0 acoust	11 ALPINE'S Equip ar meter Additional Equip stic monitoring equip	CLIENT: ment: Benthos CHIRP III subbo	l	VESSEL:	6	OTHERS:	TOTAL 18
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan son pometrics 882 magnetic C6. Ms Mark 4.0 acous inacle GEN 3 Night	11 ALPINE'S Equip ar meter Additional Equip tic monitoring equip vision goggles	CLIENT: ment: Benthos CHIRP III subbo pment pment	ottom profiler			OTHERS	TOTAL 18
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan son pometrics 882 magneto C6. Ms Mark 4.0 acous nacle GEN 3 Night	11 ALPINE'S Equip ar meter Additional Equip stic monitoring equip vision goggles Project Variation	CLIENT: ment: Benthos CHIRP III subbo oment oment ns (include notices	ottom profiler				
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan son pometrics 882 magneto C6. Ms Mark 4.0 acous nacle GEN 3 Night C7.	11 ALPINE'S Equip ar meter Additional Equip tic monitoring equip vision goggles	CLIENT: ment: Benthos CHIRP III subbo oment oment ns (include notices	ottom profiler	f personnel / eq	uipment)	OTHERS:	
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan son ometrics 882 magneto C6. Ms Mark 4.0 acous inacle GEN 3 Night C7.	11 ALPINE'S Equip ar meter Additional Equip stic monitoring equip vision goggles Project Variation	CLIENT: ment: Benthos CHIRP III subbo oment oment ns (include notices	ottom profiler				
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ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan som c6. Ms Mark 4.0 acous nacle GEN 3 Night C7. rsonnel: uipment: DD. From	11 ALPINE'S Equip ar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices assel ITS TODAY: hrs	of changes o	f personnel / eq Personnel: Equipment:	uipment) Keir Miller		sel
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan som ometrics 882 magneto C6. Ms Mark 4.0 acous nacle GEN 3 Night C7. csonnel: uipment: DD. From 00:00	11 ALPINE'S Equip ar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 15:00	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices assel ITS TODAY: hrs 15:00	of changes o	f personnel / eq Personnel: Equipment:	uipment) Keir Miller	On Vess On Vess	sting
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EE.	PROJECT DATA	\:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			8:30	24:00	32:30		83.33
Transit	Т			6:30		6:30		16.67
Calibrations	С							
Operational	0							
Weather Standby	W							
Standby on Client	S							
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO							
			TOTAL	15:00	24:00	39:00		100.00%
Hrs. of L	Daily Operations	24	-			Check Value=	48.00	
E2.	Survey Progres							
Description	,	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
			7.100			roddy run	Tan To Bato	, o compictou
	TOTALS:		TOTAL					
FF.		& Figures for Vesse		Crews and Client	Representati			
					Previous	(03)		
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	1	1	2	
		Ship	-	e & Abandon Ship				
				/essel guided tour	2	1	3	
		Me		t / First Aid Cases	-	•	0	
		inc.		Tool Box Meetings	1		1	
				Incident Reports			I	
				lear Miss Reports				
			-	vation Card (SOB)				
				Observation Card				
	No. of cur	rvey Man-Hours work	od cinco ctort	of project or LTL	255:00	432:00	687:00	
GG.	VESSEL ROB's	-	led since start	or project of ETI.	255.00	432.00	087.00	
66.	VEGGEE ROD 3	at 24.00113	Eu	el (T)	Lube	e Oil (L)		Water (T)
					200	0 0(2)		(1)
		ROB at 00:00 hrs						
		Consumed Today	-					
		,						
		Received today ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	20.					
10-15 kt. winds from t								
		ROGRAM NEXT 24	HRS					
		fuel; depart for calibra) local time; begin	calibrations			
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
		completed installation of		ne hull and MBE was	tested. The ves	sel will have comple	ted all installations an	d testing by the following
morning and be ready to	depart dock at high tie	de.						
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
						1		
()	- () [,]]	toth				2	in m	i.
Sau	uer Me	nuterell				ice	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	ue
	Dan Whitesell					<u>+</u>	Keir Mille	۶ ۲
10	Survey Party Chie	f)					(Client Represe	
Vessel:		earwater	Project No:	178	3	Date:		August 2016
		Wind	•				24 P	002
Client:	03		Location:	Export Cable S	-	Report No.		552

ş Al p							DAILY REPO	JKI
	A GORDLINE COMPANY						(700	
Vessel:		RV Shearwater		_	Project No:		1783	
Client:		US Wind			Fodays Date:		25 August 20)16
Location:		Ocean City, MD			Report No:		3	
Project:	Ex	port Cable Survey			Start Date:		23 August 20)16
	All times are	EST		(GMT -	5:00	hrs)		
AA.	VESSEL LOCAT	ION AT 24:00 HRS:						
Description:			Latitude:			Longitude:		
BB.	WEATHER:							
Time	BAROM	WIND)	WAVE	VISIB.	SKY		
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	RE	MARKS
00:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
08:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
16:00	1018	12	SW	<1	8	Sunny		
24:00	1017	10	SE	<1	N/A			
			·	·				
CC.	PERSONNEL & E							
C1.	Alpine OSS Pers	onnel:	1					
•	Dan Whitesell			Mitch Kennedy		Processor: B	rent Johnston	
Shift Supervisor:				Cam Morissette				
Shift Supervisor:			Processor	Ben Manze				
C2.	Additional Perso							
C3.								
		•						
	Client Personnel	:						
Client Rep.	Keir Miller	:						
Client Rep.	Keir Miller							
			1	VESSEL:	6	OTHERS:		TOTAL 18
Client Rep.	Keir Miller Personnel On Bo	oard:	1	VESSEL:	6	OTHERS:		TOTAL 18
Client Rep. C4. ALPINE:	Keir Miller Personnel On Bo	Dard: CLIENT:	1	VESSEL:	6	OTHERS:		TOTAL 18
Client Rep. C4. ALPINE: C5. SON 7125 MBE	Keir Miller Personnel On Bo 11 ALPINE'S Equipp	Dard: CLIENT:	ł	VESSEL:	6	OTHERS:		TOTAL 18
Client Rep. C4. ALPINE: C5. SON 7125 MBE	Keir Miller Personnel On Bo 11 ALPINE'S Equipp	Dard: CLIENT: ment:	ł	VESSEL:	6	OTHERS:		TOTAL 18
Client Rep. C4. ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan son	Keir Miller Personnel On Bo 11 ALPINE'S Equipr 1 rar	Dard: CLIENT: ment:	ł	VESSEL:	6	OTHERS:		TOTAL 18
Client Rep. C4. ALPINE: C5. 30N 7125 MBE ardyne USBL n 3900 side scan son metrics 882 magnete	Keir Miller Personnel On Bo 11 ALPINE'S Equipr I ar meter	Dard: CLIENT: ment: Benthos CHIRP III subbo	ł	VESSEL:	6	OTHERS:		TOTAL 18
Client Rep. C4. ALPINE: C5. GON 7125 MBE ardyne USBL n 3900 side scan son ometrics 882 magneto C6.	Keir Miller Personnel On Bo 11 ALPINE'S Equipr I ar ometer Additional Equip	Dard: CLIENT: ment: Benthos CHIRP III subbo	ł	VESSEL:	6	OTHERS:		TOTAL 18
Client Rep. C4. ALPINE: C5. GON 7125 MBE ardyne USBL n 3900 side scan son metrics 882 magnete C6. Ws Mark 4.0 accuss	Keir Miller Personnel On Bo 11 ALPINE'S Equipr ar ometer Additional Equip	Dard: CLIENT: ment: Benthos CHIRP III subbo	ł	VESSEL:	6	OTHERS:		TOTAL 18
Client Rep. C4. ALPINE: C5. C5. C5. C5. C6. Ms Mark 4.0 accuss	Keir Miller Personnel On Bo 11 ALPINE'S Equipr ar ometer Additional Equip	Dard: CLIENT: ment: Benthos CHIRP III subbo	ł	VESSEL:	6	OTHERS:		TOTAL 18
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Client Rep. C4. ALPINE: C5. GON 7125 MBE ardyne USBL n 3900 side scan son smetrics 882 magnete C6. Ms Mark 4.0 acous nacle GEN 3 Night	Keir Miller Personnel On Bo 11 ALPINE'S Equipr ar ometer Additional Equip stic monitoring equip vision goggles	cLIENT: ment: Benthos CHIRP III subbo ment ment s (include notices	ottom profiler			OTHERS:		TOTAL 18
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EE.	PROJECT DATA	\ :						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			32:30	15:30	48:00		76.19
Transit	т			6:30	4:15	10:45		17.06
Calibrations	С				2:45	2:45		4.37
Operational	0				1:30	1:30		2.38
Weather Standby	W							
Standby on Client	S							
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO							
			TOTAL	39:00	24:00	63:00		100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	72.00	
E2.	Survey Progress	s:						
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Shearwater Export Corric	dor	567.00		571.00		4.00	4.00	0.70%
	TOTALS:	567.00	TOTAL			4.00	4.00	
FF.	SAFETY (Details	& Figures for Vesse	and Survey C	Crews and Client	Representativ	ves)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
				incidenta di Dillia	Events	Today S Evenis	Evenits 10 Date	
			Projec	t & HSE Briefings	2		2	
		Ship	s Drill, MOB, Fire	e & Abandon Ship		2	2	
			N	essel guided tour	3		3	
		Me	edical Treatment	t / First Aid Cases				
			Т	ool Box Meetings	1	3	4	
				Incident Reports				
			Ν	lear Miss Reports				
			Savety Observ	vation Card (SOB)				
				Observation Card				
				-				
	No. of sur	rvey Man-Hours work	ed since start	of project or LTI.	687:00	432:00	1119:00	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	el (T)	Lube	e Oil (L)	١	Vater (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
		ATHER NEXT 24 HF	RS:					
Winds SSW 10-15 mp								
П.		ROGRAM NEXT 24	HRS:					
Continue survey opera								
		COMMENTS: (Opt	-					
		nd the vessel took on fue mpleted and survey opera			e Shearwater lef	t the dock and made	e way for the calibration	on site. GAMS calibrations,
USBL calibrations and M	BE patch test was con	inpleted and survey opera	ations began at 23	30 local time.				
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
	0	1				6		
\ 2 -	V LAJA	1000				12	in m	the
Jan	ier wh	moreco						
	Dan Whitesell						Keir Mille	er
(5	Survey Party Chie	f)					(Client Represe	ntative)
Vessel:	RV Sh	earwater	Project No:	178	3	Date:	25 A	ugust 2016
Client:	US	Wind	Location:	Ocean Ci	ty, MD	Report No.		003
			Project:	Export Cable S	urvey			

							DAILY REPORT
Vessel		RV Shearwater			Droig at Na		1783
Vessel:		US Wind		-	Project No		26 August 2016
Client:		Ocean City, MD			odays Date		20 August 2010 4
Location:	г.	ocean City, MD port Cable Survey			Report No		4 23 August 2016
Project:	E)	tport Cable Survey			Start Date	•	23 August 2016
	All times are	EST		(GMT -	5:00	hrs)	
	VESSEL LOCAT Atlantic Ocean	ION AT 24:00 HRS:		: 38° 29' 4.823		Longitude:	074° 48' 1.056
Booonpiloni			Landdo	00 20 4.020		Longitudo.	
BB.	WEATHER:						
Time	BAROM	WIND		WAVE	VISIB.	SKY	DEMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00	1014	16	SE	<1	N/A		
08:00	1016	12	S	1	8	Clear	
16:00	1016	10	E	<1	8	Clear	
24:00	1017	12	NW	1	N/A		
	PERSONNEL &						
-	Alpine OSS Pers	sonnel:					
Party Chief:	Dan Whitesell		Surveyor	Mitch Kennedy		Processor:	Brent Johnston
Shift Supervisor:	Dario Manchia		Surveyor	Cam Morissette		1	
Shift Supervisor:	Marcus Kwasek		Processor	r Ben Manze			
C2.	Additional Perso	onnel					
aron Doake, Crystal	I Lee Shaw, Jack A	llum, Felix Smith					
	Client Personne	l:					
Client Rep.	Keir Miller						
C4.	Personnel On B	oard:		. <u></u>		<u> </u>	
ALPINE:	11	CLIENT:	1	VESSEL:	6	OTHERS:	TOTAL 18
05	ALPINE'S Equip						
C5.	ALPINE'S EQUID	ment:					
CON 7405 MDE						Γ	
	·	Benthos CHIRP III subbo	ottom profiler				
nardyne USBL			ottom profiler				
nardyne USBL in 3900 side scan son	ar		ottom profiler				
nardyne USBL in 3900 side scan son: ometrics 882 magneto	ar	Benthos CHIRP III subbo	ottom profiler				
nardyne USBL in 3900 side scan son: ometrics 882 magneto C6.	ar meter Additional Equip	Benthos CHIRP III subbo	ottom profiler				
nardyne USBL in 3900 side scan son: ometrics 882 magneto C6. Ms Mark 4.0 acous	ar meter Additional Equip tic monitoring equi	Benthos CHIRP III subbo	ottom profiler				
nardyne USBL sin 3900 side scan son sometrics 882 magneto C6. MS Mark 4.0 acous	ar meter Additional Equip tic monitoring equi	Benthos CHIRP III subbo	ottom profiler				
nardyne USBL sin 3900 side scan son sometrics 882 magneto C6. MS Mark 4.0 acous nnacle GEN 3 Night	ar meter Additional Equip stic monitoring equi vision goggles	Benthos CHIRP III subbo pment pment		f perconnol / con	ipment)		
nardyne USBL sin 3900 side scan son sometrics 882 magneto C6. MMs Mark 4.0 acous nnacle GEN 3 Night	ar Additional Equip stic monitoring equip vision goggles Project Variation	Benthos CHIRP III subbo oment oment ns (include notices		f personnel / equ	iipment)	On Ves	
nardyne USBL in 3900 side scan son: ometrics 882 magneto C6. Ms Mark 4.0 acous nnacle GEN 3 Night C7.	ar Meter Additional Equip stic monitoring equip vision goggles Project Variation Off Vet	Benthos CHIRP III subbo oment oment ns (include notices ssel			ipment)	On Ves	sel
nardyne USBL ein 3900 side scan son cometrics 882 magneto C6. MMs Mark 4.0 acous nnacle GEN 3 Night C7.	ar Additional Equip stic monitoring equip vision goggles Project Variation	Benthos CHIRP III subbo oment oment ns (include notices ssel		f personnel / equ Personnel:	iipment)	On Ves	sel
nardyne USBL ein 3900 side scan son eometrics 882 magneto C6. MMs Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel:	ar Meter Additional Equip stic monitoring equip vision goggles Project Variation Off Vet	Benthos CHIRP III subbo oment oment ns (include notices ssel		Personnel:	iipment)	On Ves	sel
Ms Mark 4.0 acous	ar Meter Additional Equip stic monitoring equip vision goggles Project Variation Off Vet	Benthos CHIRP III subbo oment oment ns (include notices ssel			ipment)	On Ves	sel
nardyne USBL ein 3900 side scan son eometrics 882 magneto C6. MMs Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel:	ar Meter Additional Equip stic monitoring equip vision goggles Project Variation Off Vet	Benthos CHIRP III subbo oment oment ns (include notices ssel		Personnel:	iipment)	On Ves	sel
nardyne USBL sin 3900 side scan son cometrics 882 magneto C6. MMS Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel: uipment:	ar Meter Additional Equip stic monitoring equip vision goggles Project Variation Off Vet	Benthos CHIRP III subbo		Personnel:	iipment)	On Ves	sel
nardyne USBL sin 3900 side scan son cometrics 882 magneto C6. MMS Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel: uipment:	ar meter Additional Equij stic monitoring equi vision goggles Project Variation Off Ve: Crystal Lee Shaw	Benthos CHIRP III subbo		Personnel:	iipment)	On Ves	isel
hardyne USBL in 3900 side scan son: ometrics 882 magneto C6. Ms Mark 4.0 acous inacle GEN 3 Night C7. rsonnel: uipment: DD. From	ar meter Additional Equip stic monitoring equip vision goggles Project Variation Off Ve: Crystal Lee Shaw DIARY OF EVEN To	Benthos CHIRP III subbo oment oment ns (include notices ssel ITS TODAY: hrs	of changes o	Personnel:	iipment)	On Ves	sel
nardyne USBL in 3900 side scan son: ometrics 882 magneto C6. Ms Mark 4.0 acous inacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00	ar meter Additional Equip stic monitoring equip vision goggles Project Variation Off Ve: Crystal Lee Shaw DIARY OF EVEN To 7:05	Benthos CHIRP III subbo pment oment ins (include notices ssel ITS TODAY: hrs 7:05	of changes o Code	Personnel:			sel
hardyne USBL in 3900 side scan son: ometrics 882 magneto C6. Ms Mark 4.0 acous inacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 7:05	ar meter Additional Equip stic monitoring equip vision goggles Project Variation Off Ve: Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29	Benthos CHIRP III subbo pment pment as (include notices assel ITS TODAY: hrs 7:05 0:24	of changes o Code O MMO	Personnel: Equipment: Power down for do	plphins in mitig	gation zone	sel
hardyne USBL in 3900 side scan son: ometrics 882 magneto C6. Ms Mark 4.0 acous inacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 7:05 7:29	ar meter Additional Equip stic monitoring equip vision goggles Project Variation Off Ve: Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00	Benthos CHIRP III subbo pment pment pment ins (include notices ssel iTS TODAY: hrs 7:05 0:24 9:31	of changes o Code O MMO O	Personnel: Equipment: Power down for de Dolphins left Mitig:	olphins in mitig	gation zone amp up complete; (Continue survey operations
hardyne USBL in 3900 side scan son: ometrics 882 magneto C6. Ms Mark 4.0 acous inacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 7:05 7:29 17:00	ar meter Additional Equij stic monitoring equi vision goggles Project Variation Off Ve: Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15	Benthos CHIRP III subbo pment pment as (include notices assel ITS TODAY: hrs 7:05 0:24 9:31 1:15	of changes o Code O MMO O T	Personnel: Equipment: Power down for de Dolphins left Mitig: End survey ops to	olphins in miti ation zone; Ra transit to me	gation zone amp up complete; (et transfer vessel fo	Continue survey operations
hardyne USBL in 3900 side scan son: ometrics 882 magneto C6. Ms Mark 4.0 acous inacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 7:05 7:29	ar meter Additional Equip stic monitoring equip vision goggles Project Variation Off Ve: Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00	Benthos CHIRP III subbo pment pment pment ins (include notices ssel iTS TODAY: hrs 7:05 0:24 9:31	of changes o Code O MMO O	Personnel: Equipment: Power down for de Dolphins left Mitig:	olphins in miti ation zone; Ra transit to me	gation zone amp up complete; (et transfer vessel fo	Continue survey operations
nardyne USBL in 3900 side scan son: ometrics 882 magneto C6. Ms Mark 4.0 acous inacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 7:05 7:29 17:00	ar meter Additional Equij stic monitoring equi vision goggles Project Variation Off Ve: Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15	Benthos CHIRP III subbo pment pment as (include notices assel ITS TODAY: hrs 7:05 0:24 9:31 1:15	of changes o Code O MMO O T	Personnel: Equipment: Power down for de Dolphins left Mitig: End survey ops to	olphins in miti ation zone; Ra transit to me	gation zone amp up complete; (et transfer vessel fo	Continue survey operations
nardyne USBL in 3900 side scan son: cometrics 882 magneto C6. Ms Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel: uipment: DD. From 00:00 7:05 7:29 17:00	ar meter Additional Equij stic monitoring equi vision goggles Project Variation Off Ve: Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15	Benthos CHIRP III subbo pment pment as (include notices assel ITS TODAY: hrs 7:05 0:24 9:31 1:15	of changes o Code O MMO O T	Personnel: Equipment: Power down for de Dolphins left Mitig: End survey ops to	olphins in miti ation zone; Ra transit to me	gation zone amp up complete; (et transfer vessel fo	Continue survey operations
nardyne USBL ain 3900 side scan son: cometrics 882 magneto C6. MS Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel: puipment: DD. From 00:00 7:05 7:29 17:00	ar meter Additional Equij stic monitoring equi vision goggles Project Variation Off Ve: Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15	Benthos CHIRP III subbo pment pment as (include notices assel ITS TODAY: hrs 7:05 0:24 9:31 1:15	of changes o Code O MMO O T	Personnel: Equipment: Power down for de Dolphins left Mitig: End survey ops to	olphins in miti ation zone; Ra transit to me	gation zone amp up complete; (et transfer vessel fo	Continue survey operations
nardyne USBL ain 3900 side scan son: cometrics 882 magneto C6. MS Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel: puipment: DD. From 00:00 7:05 7:29 17:00	ar meter Additional Equij stic monitoring equi vision goggles Project Variation Off Ve: Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15	Benthos CHIRP III subbo pment pment as (include notices assel ITS TODAY: hrs 7:05 0:24 9:31 1:15	of changes o Code O MMO O T	Personnel: Equipment: Power down for de Dolphins left Mitig: End survey ops to	olphins in miti ation zone; Ra transit to me	gation zone amp up complete; (et transfer vessel fo	Continue survey operations
nardyne USBL in 3900 side scan son: ometrics 882 magneto C6. Ms Mark 4.0 acous inacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 7:05 7:29 17:00	ar meter Additional Equij stic monitoring equi vision goggles Project Variation Off Ve: Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15	Benthos CHIRP III subbo pment pment as (include notices assel ITS TODAY: hrs 7:05 0:24 9:31 1:15	of changes o Code O MMO O T	Personnel: Equipment: Power down for de Dolphins left Mitig: End survey ops to	olphins in miti ation zone; Ra transit to me	gation zone amp up complete; (et transfer vessel fo	Continue survey operations
hardyne USBL in 3900 side scan son: cometrics 882 magneto C6. Ms Mark 4.0 acous inacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 7:05 7:29 17:00	ar meter Additional Equij stic monitoring equi vision goggles Project Variation Off Ve: Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15	Benthos CHIRP III subbo pment pment as (include notices assel ITS TODAY: hrs 7:05 0:24 9:31 1:15	of changes o Code O MMO O T	Personnel: Equipment: Power down for de Dolphins left Mitig: End survey ops to	olphins in miti ation zone; Ra transit to me	gation zone amp up complete; (et transfer vessel fo	Continue survey operations

EE.	PROJECT DATA	.:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			48:00		48:00		55.17
Transit	т			10:45	1:15	12:00		13.79
Calibrations	С			2:45		2:45		3.16
Operational	0			1:30	22:21	23:51		27.41
Weather Standby	W							
Standby on Client	S							
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO				0:24	0:24		0.46
			TOTAL	63:00	24:00	87:00		100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	96.00	
E2.	Survey Progress			1		T		
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
		470.30		571.00	4.00	96.70	100.70	17.64%
	TOTALS:	470.30	TOTAL		4.00	96.70	100.70	
FF.	SAFETY (Details	& Figures for Vesse	and Survey C	Crews and Client	Representativ	ves)		
	· · · · · · · · · · · · · · · · · · ·				Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	2		2	
		Ship	s Drill, MOB, Fire	e & Abandon Ship	2		2	
				/essel guided tour	3		3	
		Me		t / First Aid Cases	-		-	
				Fool Box Meetings	4	7	11	
				Incident Reports	-	'		
			Ν	Vear Miss Reports				
				vation Card (SOB)				
				Observation Card				
				-				
		vey Man-Hours work	ed since start	of project or LTI.	1119:00	432:00	1551:00	
GG.	VESSEL ROB's	at 24:00nrs		- L (T)			, .	N (T)
			Fu	iel (T)	Lube	e Oil (L)	· · · · · ·	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.		ATHER NEXT 24 HF	RS:					
Winds out of the NE, 1								
П.		ROGRAM NEXT 24	HRS:					
Continue survey opera	toions on the expor	t cable corridor						
		COMMENTS: (Opt						
Weather picked up early acquisition of quality data								
								to disembark the vessel for
			at 1700 local to n	neet with a transfer v	essel that picked	d up the PSO persor	inel and brought her to	o shore. A replacement PSO
has been mobilized and v	will join the vessel on I	vionday morning.						
KK.	REPRESENTAT	VE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
	0	1				/		
\) -	VIAR	10000 D				Ra	in me	il.
Jane	er wh	merel				n e	in ind	ne
	Dan Whitesell					<u>†</u>	Keir Mille	er
10	Survey Party Chie	f)					(Client Represe	
Vessel:		earwater	Project No:	178	3	Date:	· ·	August 2016
Client:		Wind	Location:				20 P	004
Cilefil:				Export Cable S	-	Report No.		
				-Apoil Gable 3				

\$Alp							DAILY REPORT
		RV Shearwater			D : (N		1783
Vessel:				-	Project No:		
Client:		US Wind			Fodays Date:		26 August 2016
Location:		Ocean City, MD			Report No:		4
Project:	Ex	port Cable Survey			Start Date:		23 August 2016
	All times are	EST		(GMT -	5:00	hrs)	
	VESSEL LOCAT Atlantic Ocean	ION AT 24:00 HRS		. 20% 001 4 002		L en eitudes	
Description:	Atlantic Ocean		Lallude	: 38° 29' 4.823		Longitude:	074° 48' 1.056
BB.	WEATHER:						
Time	BAROM	WIND)	WAVE	VISIB.	SKY	5511.51/0
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00	1014	16	SE	<1	N/A		
08:00	1014	12	S	1	8	Clear	
16:00	1016	12	E	<1	8	Clear	
24:00	1016	10	NW	<1	8 N/A	Cieal	
24.00	1017	12	1976	1	IN/A		
CC.	PERSONNEL & I	EQUIPMENT:					
C1.	Alpine OSS Pers						
-	Dan Whitesell		Surveyor	Mitch Kennedy		Processor	Brent Johnston
Shift Supervisor:			-	: Cam Morissette			
Shift Supervisor:			-	r Ben Manze			
•	Additional Perso	onnel	11000330			I	
-	I Lee Shaw, Jack Al						
aron Doake, Orysta	Lee onaw, back A						
C3.	Client Personnel	•					
	Keir Miller	•	1				
Client Kep.							
64	Porsonnol On B	ard	1				
C4.	Personnel On Bo		1	VESSEL	6	OTHERS	
C4. Alpine:	Personnel On Bo 11	oard: CLIENT:	1	VESSEL:	6	OTHERS:	TOTAL 1
ALPINE:	11	CLIENT:	1	VESSEL:	6	OTHERS:	TOTAL 1
ALPINE:	11 ALPINE'S Equip	CLIENT:	1	VESSEL:	6	OTHERS:	TOTAL 1
ALPINE: C5. ESON 7125 MBE	11 ALPINE'S Equip	CLIENT:	1	VESSEL:	6	OTHERS:	TOTAL 1
ALPINE: C5. SON 7125 MBE nardyne USBL	11 ALPINE'S Equip	CLIENT:	1	VESSEL:	6	OTHERS	TOTAL 1
ALPINE: C5. ESON 7125 MBE inardyne USBL ein 3900 side scan son	11 ALPINE'S Equip	CLIENT:	1	VESSEL:	6	OTHERS	TOTAL 1
ALPINE: C5. SON 7125 MBE inardyne USBL ein 3900 side scan son cometrics 882 magnete	11 ALPINE'S Equip ar ometer	CLIENT: ment: Benthos CHIRP III subbo	1	VESSEL:	6	OTHERS	TOTAL 1
ALPINE: C5. SON 7125 MBE nardyne USBL sin 3900 side scan son sometrics 882 magneto C6.	11 ALPINE'S Equip ar ometer Additional Equip	CLIENT: ment: Benthos CHIRP III subbo	1	VESSEL:	6	OTHERS	TOTAL 1
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan son iometrics 882 magneto C6. MS Mark 4.0 acoust	11 ALPINE'S Equip aar ometer Additional Equip stic monitoring equip	CLIENT: ment: Benthos CHIRP III subbo	1	VESSEL:	6	OTHERS	TOTAL 1
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan son iometrics 882 magneto C6. MS Mark 4.0 acoust	11 ALPINE'S Equip aar ometer Additional Equip stic monitoring equip	CLIENT: ment: Benthos CHIRP III subbo	1	VESSEL:	6	OTHERS	TOTAL 1
ALPINE: C5. SON 7125 MBE nardyne USBL ein 3900 side scan son sometrics 882 magneto C6. AMs Mark 4.0 acous nnacle GEN 3 Night	11 ALPINE'S Equip aar ometer Additional Equip stic monitoring equip vision goggles	CLIENT: ment: Benthos CHIRP III subbo pment pment	ottom profiler			OTHERS	TOTAL 1
ALPINE: C5. SON 7125 MBE in ardyne USBL in 3900 side scan son sometrics 882 magneto C6. MMs Mark 4.0 acous nnacle GEN 3 Night	11 ALPINE'S Equip aar ometer Additional Equip stic monitoring equip vision goggles Project Variation	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices	ottom profiler				
ALPINE: C5. SON 7125 MBE nardyne USBL ein 3900 side scan son sometrics 882 magneto C6. MMs Mark 4.0 acous nnacle GEN 3 Night C7.	11 ALPINE'S Equip aar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices	ottom profiler	of personnel / equ		OTHERS:	
ALPINE: C5. ESON 7125 MBE inardyne USBL ein 3900 side scan son sometrics 882 magneto C6. AMs Mark 4.0 acous nnacle GEN 3 Night C7.	11 ALPINE'S Equip aar ometer Additional Equip stic monitoring equip vision goggles Project Variation	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices	ottom profiler				
ALPINE: C5. ESON 7125 MBE mardyne USBL ein 3900 side scan son aometrics 882 magneto C6. AMs Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel:	11 ALPINE'S Equip aar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices	ottom profiler	of personnel / equ Personnel:			
ALPINE: C5. SON 7125 MBE nardyne USBL sin 3900 side scan son sometrics 882 magnetic C6. MMs Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel:	11 ALPINE'S Equip aar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices	ottom profiler	of personnel / equ			
ALPINE: C5. ESON 7125 MBE mardyne USBL ein 3900 side scan son sometrics 882 magneto C6. AMs Mark 4.0 acous mnacle GEN 3 Night C7. ersonnel:	11 ALPINE'S Equip aar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices	ottom profiler	of personnel / equ Personnel:			
ALPINE: C5. SON 7125 MBE nardyne USBL ein 3900 side scan son sometrics 882 magneto C6. MMs Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel: juipment:	11 ALPINE'S Equip aar ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel	ottom profiler	of personnel / equ Personnel:			
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan som iometrics 882 magnetic C6. MS Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel: uipment:	11 ALPINE'S Equip aar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY:	of changes c	of personnel / equ Personnel:			
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan som iometrics 882 magneto C6. MS Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel: uipment: DD. From	11 ALPINE'S Equip aar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs	of changes c	of personnel / equ Personnel:			
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan som ometrics 882 magneto C6. Ms Mark 4.0 acous inacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00	11 ALPINE'S Equip aar Additional Equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To 7:05	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 7:05	of changes c	f personnel / equ Personnel: Equipment:	uipment)	On Ves	
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan som ometrics 882 magneto C6. MS Mark 4.0 acous nnacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 7:05	11 ALPINE'S Equip aar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 7:05 0:24	of changes c	f personnel / equ Personnel: Equipment:	iipment)	On Ves	sel
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan som ometrics 882 magneto C6. Ms Mark 4.0 acous nnacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 7:05 7:29	11 ALPINE'S Equip aar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 7:05 0:24 9:31	of changes c Code O MMO O	f personnel / equ Personnel: Equipment: Power down for de Dolphins left Mitig.	iipment)	On Ves	isel
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan som in ometrics 882 magneto C6. Ms Mark 4.0 acoust innacle GEN 3 Night C7. ersonnel: uipment: DD. From 00:00 7:05 7:29 17:00	11 ALPINE'S Equip aar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 7:05 0:24 9:31 1:15	of changes c Code O MMO O T	F Personnel / equ Personnel: Personnel: Personnel: Personnel: Power down for dd Polphins left Mitig. End survey ops to Power down for dd	Jipment)	On Ves	isel
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan som in ometrics 882 magneto C6. Ms Mark 4.0 acous innacle GEN 3 Night C7. ersonnel: uipment: DD. From 00:00 7:05 7:29	11 ALPINE'S Equip aar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 7:05 0:24 9:31	of changes c Code O MMO O	f personnel / equ Personnel: Equipment: Dolphins left Mitig End survey ops to Ramp up process	Jipment)	On Ves	isel
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan som in ometrics 882 magneto C6. Ms Mark 4.0 acoust innacle GEN 3 Night C7. ersonnel: uipment: DD. From 00:00 7:05 7:29 17:00	11 ALPINE'S Equip aar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 7:05 0:24 9:31 1:15	of changes c Code O MMO O T	f personnel / equ Personnel: Equipment: Dolphins left Mitig End survey ops to Ramp up process	Jipment)	On Ves	isel
ALPINE: C5. SON 7125 MBE mardyne USBL bin 3900 side scan som acometrics 882 magneto C6. AMs Mark 4.0 acous mnacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00 7:05 7:29 17:00 18:15	11 ALPINE'S Equip aar ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15 19:45	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 7:05 0:24 9:31 1:15 1:30	of changes c Code O MMO O T O	f personnel / equ Personnel: Equipment: Dolphins left Mitig End survey ops to Ramp up process	Jipment)	On Ves	isel
ALPINE: C5. ESON 7125 MBE mardyne USBL ein 3900 side scan son aometrics 882 magneto C6. AMs Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00 7:05 7:29 17:00 18:15	11 ALPINE'S Equip aar ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15 19:45	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 7:05 0:24 9:31 1:15 1:30	of changes c Code O MMO O T O	f personnel / equ Personnel: Equipment: Dolphins left Mitig End survey ops to Ramp up process	Jipment)	On Ves	isel
ALPINE: C5. ESON 7125 MBE mardyne USBL ein 3900 side scan son aometrics 882 magneto C6. AMs Mark 4.0 acous nnacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00 7:05 7:29 17:00 18:15	11 ALPINE'S Equip aar ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15 19:45	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 7:05 0:24 9:31 1:15 1:30	of changes c Code O MMO O T O	f personnel / equ Personnel: Equipment: Dolphins left Mitig End survey ops to Ramp up process	Jipment)	On Ves	isel
ALPINE: C5. SON 7125 MBE mardyne USBL bin 3900 side scan som acometrics 882 magneto C6. AMs Mark 4.0 acous mnacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00 7:05 7:29 17:00 18:15	11 ALPINE'S Equip aar ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15 19:45	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 7:05 0:24 9:31 1:15 1:30	of changes c Code O MMO O T O	f personnel / equ Personnel: Equipment: Dolphins left Mitig End survey ops to Ramp up process	Jipment)	On Ves	isel
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan son ometrics 882 magneto C6. Ms Mark 4.0 acous nnacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 7:05 7:29 17:00 18:15	11 ALPINE'S Equip aar ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15 19:45	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 7:05 0:24 9:31 1:15 1:30	of changes c Code O MMO O T O	f personnel / equ Personnel: Equipment: Dolphins left Mitig End survey ops to Ramp up process	Jipment)	On Ves	isel
ALPINE: C5. SON 7125 MBE nardyne USBL in 3900 side scan son ometrics 882 magneto C6. Ms Mark 4.0 acous nnacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 7:05 7:29 17:00 18:15	11 ALPINE'S Equip aar ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves Crystal Lee Shaw DIARY OF EVEN To 7:05 7:29 17:00 18:15 19:45	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 7:05 0:24 9:31 1:15 1:30	of changes c Code O MMO O T O	f personnel / equ Personnel: Equipment: Dolphins left Mitig End survey ops to Ramp up process	Jipment)	On Ves	isel

EE.	PROJECT DATA	\:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			48:00		48:00		55.17
Transit	т			10:45	1:15	12:00		13.79
Calibrations	С			2:45		2:45		3.16
Operational	0			1:30	18:06	19:36		22.53
Weather Standby	W				4:15	4:15		4.89
Standby on Client	S							
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime	SD							
-	MT							
Maintenance time								
Disputed Time	DT							a (a
MMO Shutdown	MMO		70741		0:24	0:24		0.46
		~ (TOTAL	63:00	24:00	87:00		100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	96.00	
	Survey Progress							
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
		470.30		571.00	4.00	96.70	100.70	17.64%
	TOTALS:	470.30	TOTAL		4.00	96.70	100.70	
FF.	SAFETY (Details	& Figures for Vesse	and Survey C	Crews and Client	Representativ	ves)		
				Incidents & Drills	Previous	Tada da Eventa	Evente Te Dete	
				Incidents & Dhiis	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	2		2	
		Ship	s Drill, MOB, Fire	e & Abandon Ship	2		2	
			1	/essel guided tour	3		3	
		Me	edical Treatment	t / First Aid Cases	-			
				ool Box Meetings	4	7	11	
				Incident Reports	•			
			Ν	lear Miss Reports				
				vation Card (SOB)				
				Observation Card				
	N			-		(00.00		
	VESSEL ROB's	vey Man-Hours work	ted since start	of project of L11.	1119:00	432:00	1551:00	
GG.	VESSEL RUDS	at 24:00nrs			Lister			Matas (T)
			Fu	el (T)	Lube	e Oil (L)		Water (T)
		ROB at 00:00 hrs						
		Consumed Today	-					
		Received today	-					
		ROB at 24:00 hrs						
		ATHER NEXT 24 HF	RS:					
Winds out of the NE, 1	0-15 kts. Seas 2-3	ft.						
		ROGRAM NEXT 24	HRS:					
Continue survey opera	toions on the expor	t cable corridor						
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
Weather picked up early								
acquisition of quality data geotechnical operations.								to disembark the vessel for
medical reasons. The Sh	earwater broke surve	y ops and moved inshore						o shore. A replacement PSO
has been mobilized and v	will join the vessel on I	vionday morning.						
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
	0	1				/		
\	VIAR	toppet				Ra	in m	il.
Jan	er wh	united				100		ne
	Dan Whitesell					••••••	Keir Mille	er
(5	Survey Party Chie	f)					(Client Represe	
Vessel:		earwater	Project No:	178	3	Date:	· ·	August 2016
Client:		Wind	Location:			Report No.		004
Chorne.				Export Cable S	-			

т · Г							DAILY REPORT
Vessel: Client:		RV Shearwater US Wind		т	Project No odays Date	:	1783 27 August 2016
Location: Project:		Ocean City, MD port Cable Survey			Report No Start Date		5 23 August 2016
	All times are	EST		(GMT -	5:00	hrs)	
AA.	VESSEL LOCAT	ION AT 24:00 HRS:					
Description:			Latitude	: 38° 27' 32.037		Longitude:	74° 46' 09.700
BB.	WEATHER:						
Time	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	
00:00	1018	7	W	<1	^	012.0	
08:00	1016	11 5	ENE	<1	8	Clear	
16:00 24:00	1016 1017	5 15	ENE NE	1	ŏ	Clear	
	1 1						
	PERSONNEL & I Alpine OSS Pers						
	Dan Whitesell	cillei.	Survevor	Mitch Kennedy		Processor: B	rent Johnston
Shift Supervisor:			-	Cam Morissette			
Shift Supervisor:			-	r Ben Manze			
	Additional Perso	nnel				·	
iron Doake, Jack A	Ilum, Felix Smith						
C3.	Client Personnel	1:					
Client Rep.	Keir Miller						
C4.	Personnel On Bo						
ALPINE:	10	CLIENT:	1	VESSEL:	6	OTHERS:	TOTAL 17
C5.	ALPINE'S Equip	ment:					
SON 7125 MBE		Benthos CHIRP III subbo	ottom profiler				
ardyne USBL							
n 3900 side scan sor	ıar						
ometrics 882 magneto							
C6.	Additional Equip	ment					
Vs Mark 4.0 acous	• • •	oment					
Ms Mark 4.0 acous	• • •	oment					
Ms Mark 4.0 acous nacle GEN 3 Night	vision goggles	oment ns (include notices	of changes o	f personnel / equ	ipment)		
Ms Mark 4.0 acous	vision goggles	ns (include notices	of changes o	f personnel / equ	ipment)	On Vess	el
Ms Mark 4.0 acous nacle GEN 3 Night C7.	vision goggles Project Variation	ns (include notices	of changes o	f personnel / equ Personnel:	ipment)	On Vess	el
Ms Mark 4.0 acous nacle GEN 3 Night C7. sonnel:	vision goggles Project Variation	ns (include notices	of changes o	Personnel:	ipment)	On Vess	el
Ms Mark 4.0 acous nacle GEN 3 Night C7. sonnel:	vision goggles Project Variation	ns (include notices	of changes o		ipment)	On Vess	el
Ms Mark 4.0 acous nacle GEN 3 Night C7.	vision goggles Project Variation	ns (include notices	of changes o	Personnel:	ipment)	On Vess	el
Ms Mark 4.0 acous nacle GEN 3 Night C7. rsonnel: uipment:	vision goggles Project Variation	ns (include notices ssel	of changes o	Personnel:	ipment)	On Vess	el
Ms Mark 4.0 acous nacle GEN 3 Night C7. sonnel: ipment:	vision goggles Project Variation Off Ves	ns (include notices ssel	of changes o	Personnel:	ipment)	On Vess	el
Ms Mark 4.0 acous nacle GEN 3 Night C7. sonnel: uipment: DD.	vision goggles Project Variation Off Ves DIARY OF EVEN	ns (include notices ssel TS TODAY:		Personnel: Equipment: Survey operational	· /		el
Ms Mark 4.0 acous nacle GEN 3 Night C7. sonnel: uipment: DD. From 00:00 16:15	Vision goggles Project Variation Off Ves DIARY OF EVEN To 16:15 17:30	ITS TODAY: hrs 16:15 1:15	Code O VD	Personnel: Equipment: Survey operational Stopped for vessel	maintainanc		el
Ms Mark 4.0 acous nacle GEN 3 Night C7. sonnel: uipment: DD. From 00:00	Vision goggles Project Variation Off Ves DIARY OF EVEN To 16:15	ns (include notices ssel ITS TODAY: hrs 16:15	Code O	Personnel: Equipment: Survey operational	maintainanc		el
Ms Mark 4.0 acous nacle GEN 3 Night C7. sonnel: uipment: DD. From 00:00 16:15	Vision goggles Project Variation Off Ves DIARY OF EVEN To 16:15 17:30	ITS TODAY: hrs 16:15 1:15	Code O VD	Personnel: Equipment: Survey operational Stopped for vessel	maintainanc		el
Ms Mark 4.0 acous nacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 16:15	Vision goggles Project Variation Off Ves DIARY OF EVEN To 16:15 17:30	ITS TODAY: hrs 16:15 1:15	Code O VD	Personnel: Equipment: Survey operational Stopped for vessel	maintainanc		el
Ms Mark 4.0 acous nacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 16:15	Vision goggles Project Variation Off Ves DIARY OF EVEN To 16:15 17:30	ITS TODAY: hrs 16:15 1:15	Code O VD	Personnel: Equipment: Survey operational Stopped for vessel	maintainanc		el
Ms Mark 4.0 acous nacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 16:15	Vision goggles Project Variation Off Ves DIARY OF EVEN To 16:15 17:30	ITS TODAY: hrs 16:15 1:15	Code O VD	Personnel: Equipment: Survey operational Stopped for vessel	maintainanc		
Ms Mark 4.0 acous inacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 16:15	Vision goggles Project Variation Off Ves DIARY OF EVEN To 16:15 17:30	ITS TODAY: hrs 16:15 1:15	Code O VD	Personnel: Equipment: Survey operational Stopped for vessel	maintainanc		
Ms Mark 4.0 acous inacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 16:15	Vision goggles Project Variation Off Ves DIARY OF EVEN To 16:15 17:30	ITS TODAY: hrs 16:15 1:15	Code O VD	Personnel: Equipment: Survey operational Stopped for vessel	maintainanc		
Ms Mark 4.0 acous nacle GEN 3 Night C7. sonnel: uipment: DD. From 00:00 16:15	Vision goggles Project Variation Off Ves DIARY OF EVEN To 16:15 17:30	ITS TODAY: hrs 16:15 1:15	Code O VD	Personnel: Equipment: Survey operational Stopped for vessel	maintainanc		
Ms Mark 4.0 acous nacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 16:15	Vision goggles Project Variation Off Ves DIARY OF EVEN To 16:15 17:30	ITS TODAY: hrs 16:15 1:15	Code O VD	Personnel: Equipment: Survey operational Stopped for vessel	maintainanc		

EE.	PROJECT DATA	\:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			48:00		48:00		43.24
Transit	т			12:00		12:00		10.81
Calibrations	С			2:45		2:45		2.48
Operational	0			23:51	22:45	46:36		41.98
Weather Standby	W							
Standby on Client	S							
Vessel Downtime	VD				1:15	1:15		1.13
Port Standby	PS				1.15	1.15		1.15
-								
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO			0:24		0:24		0.36
			TOTAL	87:00	24:00	111:00		100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	120.00	
E2.	Survey Progress	5:	•	•		1		
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
		405.80		571.00	100.70	64.50	165.20	28.93%
	TOTALS:	405.80	TOTAL		100.70	64.50	165.20	
FF.		& Figures for Vesse	el and Survey C	Crews and Client	Representativ			
		<u> </u>	· · · · · · · · · · · · · · · · · · ·		Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	2		2	
		Shin	-	e & Abandon Ship	2		2	
		Onip		/essel guided tour	3		3	
		Ν.		t / First Aid Cases	3		3	
		IVI				0	47	
			I	Fool Box Meetings	11	6	17	
				Incident Reports				
				Near Miss Reports				
			Savety Observ	vation Card (SOB)				
				Observation Card				
				-				
	No. of sur	vey Man-Hours work	ked since start	of project or LTI.	1551:00	408:00	1959:00	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	uel (T)	Lube	e Oil (L)	١	Nater (T)
		ROB at 00:00 hrs						
		Consumed Today	,					
		Received today	,					
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 H	RS:					
Winds ENE 10-15 kts;	Seas 2-3 ft. expec	ted to pick up to 3-4 ft.	. in the late after	noon				
Ш.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
Continue export cable	survey offshore and	d move to inshore line:	s when weather	picks up.				
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
Survey operations contin			-	to do vessel maintair	ance and adjust	autopilot mechanisr	n. Survey continued th	hrough the evening. The
weather picked up slight	y later at night and su	rvey acquisition was mov	ved to more inshore	e location.				
KK.	REPRESENTAT	IVE'S COMMENTS:	(Ontional)					
None	ALL REGENTAT							
						-	IIS Wind	
	For ALPINE					For	US Wind	
$\overline{)}$	0 1 0	1 A				P	eir m	
Jane	I Whi	itezel				14	er m	the
		~ ~~ _				.		
	Dan Whitesell						Keir Mille	
	Survey Party Chie						(Client Represe	
Vessel:		earwater	Project No:			Date:	27 A	ugust 2016
Client:	US	Wind	Location:		-	Report No.		005
			Project:	Export Cable S	urvey			

C3. Client Personnel: Client Rep. Keir Miller C4. Personnel On Board: ALPINE: 10 CLIENT: 1 VESSEL: 6 OTHERS: TOTAL 17 C5. ALPINE'S Equipment: SON 7125 MBE Benthos CHIRP III subbottom profiler Image: Comparison of the second sec	Client: US Wind Todays Date: 22 August 2016 Location: Export Cable Survey State Date: 23 August 2016 All times are EST (GMT- 5:00 hrsj AA VESSEL LOCATION AT 24:00 HRS: Image: 25 00 hrsj Image: 25 00 hrsj Image: 25 00 hrsj BB WEATHER: Image: 25 00 hrsj Image: 25 00 hrsj Image: 25 00 hrsj Time BAROM WIND WAVE VISIB SKY 0000 1023 5 E 1 8 clear 0000 1023 5 E 1 8 clear Image: 25 00 hrsj 0000 1023 5 E 1 8 clear Image: 25 00 hrsj 0000 1023 5 E 1 8 clear Image: 25 00 hrsj 0000 1023 5 E 1 8 clear Image: 25 00 hrsj 0000 1023 5 E 1 8 clear Imag	S AI	Dine						DAILY REP	ORT
Project: Export Cable Survey Sint Date: 23 August 2016 All times are EST (GMT · 5.00 hrs)	Project: Export Cable Survey Start Date: 23 August 2016 All bines are EST $(GM7 \cdot 5.00 \ hrs)$	Vessel: Client:		US Wind		т	Todays Date:			2016
AA. VESSEL LOCATION AT 24-00 HRS: Description: Lattude: 38*35'29.076 Longitude: 75*03'03.055 BB. WEATHER: Inne BAROM WIND WAVE VISIB. Time BAROM Speed mph Dir HEIGHT m nmil CONDS REMARKS 00:00 1023 5 E 1 8 clear 1 00:00 1022 5 E 1 8 clear 1 00:00 1022 8 ENE 1 8 clear 1 <t< th=""><th>AA. VESSEL LOCATION AT 24:00 HRS: Description: Lattude: 38*35/29.076 Longitude: 75*03*03.055 BB. WEATHER: Inne BAROM WIND WAVE VISIB. SKY REMARKS 0:000 1022 8 E 1 6 7 <t< th=""><th></th><th></th><th>•</th><th></th><th></th><th>-</th><th></th><th>23 August 2</th><th>2016</th></t<></th></t<>	AA. VESSEL LOCATION AT 24:00 HRS: Description: Lattude: 38*35/29.076 Longitude: 75*03*03.055 BB. WEATHER: Inne BAROM WIND WAVE VISIB. SKY REMARKS 0:000 1022 8 E 1 6 7 <t< th=""><th></th><th></th><th>•</th><th></th><th></th><th>-</th><th></th><th>23 August 2</th><th>2016</th></t<>			•			-		23 August 2	2016
Description: Latitude: 38° 35' 29.076 Longitude: 75° 03' 03.055 BB. WEATHER: WIND WAVE VISIB. SKY REMARKS (Local) mb Speed right Dir. HEIGHT m. mmi CODDS REMARKS 00:00 1023 8 E 1 8 clear	Description: Latitude: 38' 35' 29.076 Longitude: 75' 03' 03.055 BB. WEATHER: WIND WAVE VISIB. SKY REMARKS (Local) mb Speed mph Dir MEIGHT nmi CONDS REMARKS 00:00 1023 8 E 1 8 c/dar 1 00:00 1023 5 E 1 8 c/dar 1 00:00 1022 8 ENE 1 8 c/dar 1 00:00 1022 8 ENE 1 8 c/dar 1 <		All times are	EST		(GMT -	5:00	hrs)		
Time BAROM WIND WAVE VISIB. SKY REMARKS (Local) mb Speed mph Dir HEICHT m nmi COND 00:00 1023 5 E 1 8 clear 00:00 1023 5 E 1 8 clear 16:00 1021 10 E 1 8 clear 24:00 1021 10 E 1 8 clear 24:00 1021 10 E 1 8 clear 24:00 1021 10 E 1 8 clear Party Check 6008S Personnel: Surveyor: Cam Morssetts Processor: Brent Johnston Surveyor: Cam Morssetts Shift Supervisor: Marcia Kwasak Processor Ben Manze Processor: Brent Johnston ToTAL 17 C3 Client Rep. Keir Miller ToTAL 17 ToTAL 17 C4 ALPINE'S Equipment: Bentris cubotrom poffer O	Time BAROM WIND WAVE VISIB. SKY REMARKS (Local) mb Speed mph Dir HE[GHT m nmi COND 0 00:00 1023 5 E 1 8 clear			ION AT 24:00 HRS:		: 38° 35' 29.076		Longitude:	75° 03' 03.055	
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EE.	PROJECT DATA	\:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			48:00		48:00		35.56
Transit	т			12:00		12:00		8.89
Calibrations	С			2:45		2:45		2.04
Operational	0			42:21	22:21	64:42		47.93
Weather Standby	W			4:15		4:15		3.15
Standby on Client	S							0.10
Vessel Downtime	VD			1:15		1:15		0.93
Port Standby	PS			1.10		1.10		0.00
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time	DT							4 =0
MMO Shutdown	MMO		TOTAL	0:24	1:39	2:03		1.52
			TOTAL	111:00	24:00	135:00		100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	144.00	
	Survey Progress							
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
		285.80		571.00	165.20	120.00	285.20	49.95%
	TOTALS:	285.80	TOTAL		165.20	120.00	285.20	
FF.	SAFETY (Details	& Figures for Vesse	and Survey C	Crews and Client	Representativ	ves)		
					Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	2		2	
		Ship	s Drill, MOB, Fire	e & Abandon Ship	2		2	
			ν.	/essel guided tour	3		3	
		M		t / First Aid Cases	-		-	
				ool Box Meetings	17	4	21	
				Incident Reports	.,	-	21	
			Ν	lear Miss Reports				
			-	vation Card (SOB)				
				Observation Card				
	N	M		-	1050.00			
	VESSEL ROB's	vey Man-Hours work	ted since start	of project of L11.	1959:00	408:00	2367:00	
GG.	VESSEL RUBS	at 24:00hrs						Mater (T)
			Fu	el (T)	LUDE	e Oil (L)		Nater (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.		ATHER NEXT 24 H	(S:					
Winds NE5-10 kts. Se								
П.		ROGRAM NEXT 24						
Make boat transfer wit				urvey operations				
		COMMENTS: (Opt						
								amped down for a dolphin ork inshore to be ready for
crew transfer the followin		emoon for a sea furthe sig	ginning. Survey ope	erations continued sh	nootiny through t	ne evening and the	vessel continued to w	ork institute to be ready for
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
	0					1		
) -	1 1,12	timeth				120	in m	ile_
Jane	er wh	une 200				1.50		ne
	Dan Whitesell	_				••••••	Keir Mille	er
(!	Survey Party Chie	f)					(Client Represe	
Vessel:		earwater	Project No:	178	3	Date:	· ·	ugust 2016
Client:		Wind	Location:			Report No.		006
Chorn.				Export Cable S	-			-

nardyne USBL in a sonar in a sona	Client: Location:							DAILY REP	ORT	
All times are EST (GMT- 5.00 hrs.) A. VESSEL LOCATION AT 24:00 HRS: Longitude: 74.43 Sold State Description: Lattude: 38' 25' 05.687 Longitude: 74' 48' 30.083 BB. WEATHER: Time BAROM WIND WAVE VISIB. SKY REMARKS 0000 1022 10 E 1 6 Otear 1 <th>Project:</th> <th></th> <th>US Wind Ocean City, MD</th> <th></th> <th>Т</th> <th>odays Date: Report No:</th> <th></th> <th>29 August 2 7</th> <th></th>	Project:		US Wind Ocean City, MD		Т	odays Date: Report No:		29 August 2 7		
A. VESSEL LOCATION AT 24:00 HRS: Description: Latitude: 38*29' 06.687 Longitude: 74*48' 30.083 BB. WEATHER: Net of the state					(GMT -			23 August 2	.016	
Description: Latitude: 28' 29' 06.687 Longitude: 74' 48' 30.083 BB. WEATHER: WIND WAVE VISIB. SKY REMARKS (Local) mb Speed mph Dir. HEIGHT m mni CONDS REMARKS 00:00 1022 10 E 1 mni CONDS REMARKS 00:00 1020 12 NNE <1	AA.				(
Time BAROM WIND WAVE VISIB. SKY REMARKS 00.00 1022 10 E 1 COND COND REMARKS 00.00 1020 12 NNE <1				Latitude:	: 38° 29' 06.687		Longitude:	74° 48' 30.083		
Local mb Speed mph Dir HEIGHT m nmi CONDS 00:00 1022 10 E 1	BB.	WEATHER:								
(Liccal) mb Speed mph Dir HE(KHT m mini COND 00:00 1022 10 E 1 Image: Speed mph Im	Time	BAROM	WIND		WAVE	VISIB.	SKY	RI	EMARKS	
08.00 1020 12 NNE <1 8 Clear 1000 1018 15 SE <1	(Local)	mb	Speed mph		HEIGHT m	nmi	CONDS	N		
16:00 1018 15 SE <1 8 Clear 24:00 1017 10 Se 1 Image: Second Sec	00:00	1022	10	E	1		<u> </u>			
24:00 1017 10 Se 1 CC. PERSONNEL & EQUIPMENT: C1. Alpine OSS Personnel: Surveyor: Mark Ban Ponting Surveyor: Mark Morissette Processor: Brent Johnston Processor: Brent Johnston Shift Supervisor: Marcus Kwasek Processor: Ben Manze Processor: Brent Johnston Processor: Brent Johnston C2. Additional Personnel Surveyor: Carn Morissette Processor: Ben Manze Processor: Brent Johnston C3. Client Personnel: Client Rep. Client Personnel: Client Rep. TotAL 18 C4. Personnel On Board: ALPINE: 1 VESSEL: 6 OTHERS: TotAL 18 C5. ALPINE'S Equipment: 300 side can sonar and	08:00	1020	12	NNE	<1	8	Clear			
CC. PERSONNEL & EQUIPMENT: C1. Alpine OSS Personnel: Party Chief: Dan Whitesell Surveyor: Mitch Kennedy Shift Supervisor: Marcia Kwasek Processor: Brent Johnston Shift Supervisor: Marcia Kwasek Processor: Ben Manze C2. Additional Personnel aron Doake, Jack Alum, Felk Smith, Sian Ponting C3. Client Personnel: C4. Personnel On Board: ALPINE: 1 C5. ALPINE'S Equipment: SON 7125 MBE Benthos CHIRP III subbottom profiler argine USBL 0 013000 des scan sonar 0 on adde scan sonar 0 OC. Additional Equipment mack 4.0. acoustic monitoring equipment 0 nack 6.0 a Night vision goggles 0 C7. Project Variations (include notices of changes of personnel / equipment) Off Vessel 0 Off Vessel 0 Off Vessel 0 Oin Vessel 0 Personnel: Equipment: Equipment: Equipment Sonnel: Personnel / equipment <	16:00	1018	15	SE	<1	8	Clear			
C1. Alpine OSS Personnel: Party Chiet: Dan' Whitesell Surveyor: Mitch Kennedy Shift Supervisor: Marcus Kwasek Processor: Ben Manze C2. Additional Personnel aron Doake, Jack Allum, Felix Smith, Sian Ponting C3. Client Personnel: Client Rep. Keir Miler C4. Personnel On Board: ALPINE: 1 C1. ALPINE'S Equipment: SON 725 MB Benthoa CHIRP III subbotion profiler aron boake, Jack Allum, Felix Smith, Sian Ponting Image: Comparison of the CLIENT: C4. Personnel On Board: ALPINE'S Equipment: TOTAL 18 C5. ALPINE'S Equipment: a 300 side scan sonar Image: Comparison of the CLIENT is subbotion profiler In 300 side scan sonar Image: Comparison of the CLIENT is subbotion profiler In 300 side scan sonar Image: Comparison of the CLIENT is subbotion profiler In 300 side scan sonar Image: Comparison of the CLIENT is subbotion profiler In 300 side scan sonar Image: Comparison of the CLIENT is subbotion profiler In 300 side scan sonar Image: Comparison of the CLIENT is subbotion profiler In 300 side scan sonar<	24:00	1017	10	Se	1					
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Party Chief: Dan Whiteself Surveyor: Mitch Kennedy Processor: Brent Johnston Shift Supervisor: Dario Manchia Surveyor: Cam Morissette Processor: Brent Johnston Shift Supervisor: Marcus Kwasek Processor Ben Manze Processor: Brent Johnston C2 Additional Personnel Processor: Brent Johnston C3 Client Personnel: Client Rep. Feir Miler C4. Personnel On Board: TOTAL 18 ALPINE: 11 CLIENT: 1 VESSEL: 6 OTHERS; TOTAL 18 C5. ALPINE'S Equipment: Surveyor: Marcus Kwasek Processor: Brent Johnston Processor: Brent Johnston 300 side scin sonar 11 CLIENT: 1 VESSEL: 6 OTHERS; TOTAL 18 C6. Additional Equipment Interview Survey or Survey operational Interview Survey Survey Interview Survey 300 side scin sonar Interview Survey Operational Interview Survey Interview Survey Operational Survey operational Interview Survey Operational Interview Survey Operational Survey operational Survey operational Interview Survey Operational Survey operational Survey operational Interview Survey operational										
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Additional Personnel Processor Ben Manze C2. Additional Personnel aron Doake, Jack Allum, Feix Smith, Sian Ponting Image: Control of Control							FICESSOF.			
C2. Additional Personnel aron Doake, Jack Allum, Felix Smith, Sian Ponting C3. Client Personnel: Client Rep. Keir Miller C4. Personnel On Board: ALPINE: 11 CLIENT: ALPINE: 11 CLIENT: ALPINE: 11 CLIENT: SON 7125 MBE Benthos CHIRP III subbotiom profiler ardyne USBL Image: Construction of the second										
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C4. Personnel On Board: ALPINE 11 CLIENT: 1 VESSEL: 6 OTHERS: TOTAL 18 C5. ALPINE'S Equipment: Benthos CHIRP III subbottom profiler Imarchne USBL <			-							
ALPINE 11 CLIENT: 1 VESSEL 6 OTHERS: TOTAL 18 CS. ALPINE'S Equipment: :::::::::::::::::::::::::::::::::::	Olionit Rop.									
ALPINE 11 CLIENT: 1 VESSEL: 6 OTHERS: TOTAL 18 CS. ALPINE'S Equipment: Benthos CHIRP III subbottom profiler Image: Control of the second	C4.	Personnel On Bo	oard:							
C5. ALPINE'S Equipment: SCON 7125 MBE Benthos CHIRP III subbottom profiler	2			1	VESSEL:	6	OTHERS:		TOTAL 18	
ESON 7125 MBE Benthos CHIRP III subbottom profiler	Į	Į			II	-				
nardyne USBL Image: Constraint of the second s	C5.	ALPINE'S Equip	ment:							
ain 3900 side scan sonar Image: State and Stat	ESON 7125 MBE		Benthos CHIRP III subbot	ttom profiler						
Demotrics 882 magnetometer Additional Equipment MMs Mark 4.0 acoustic monitoring equipment Additional Equipment Annacle GEN 3 Night vision goggles Innacle GEN 3 Night vision goggles C7. Project Variations (include notices of changes of personnel / equipment) Off Vessel On Vessel Personnel: Sian Ponting Group of Vessel Personnel: Sian Ponting Group of Vessel On Vessel Personnel: Sian Ponting Group of Vessel On Vessel	onardyne USBL									
C6. Additional Equipment AMs Mark 4.0 acoustic monitoring equipment nnacle GEN 3 Night vision goggles C7. Project Variations (include notices of changes of personnel / equipment) Off Vessel On Vessel ersonnel: Personnel: Sian Ponting quipment: Equipment: DD. DIARY OF EVENTS TODAY: From To hrs Code 00:00 9:00 9:00 9:00 9:30 0:30 9:30 23:15 13:45	ein 3900 side scan son	ar								
Ms Mark 4.0 acoustic monitoring equipment nnacle GEN 3 Night vision goggles C7. Project Variations (include notices of changes of personnel / equipment) On Vessel On Vessel Personnel: Sian Ponting Image: Sign Ponting <th co<="" td=""><td>eometrics 882 magneto</td><td>meter</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td>eometrics 882 magneto</td> <td>meter</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	eometrics 882 magneto	meter							
Or Variations (include notices of changes of personnel / equipment) On Vessel On Vessel Personnel: On Vessel On Vessel On Vessel Personnel: Sian Ponting Personnel: Equipment: Equipment: DD. DIARY OF EVENTS TODAY: From To hrs Code 00:00 9:00 9:00 O Survey operational Survey operational 9:30 23:15 13:45 O Survey operational	C6.	Additional Equip	oment		•					
C7. Project Variations (include notices of changes of personnel / equipment) Off Vessel On Vessel On Vessel ersonnel: Personnel: Sian Ponting Equipment: Equipment: DD. DIARY OF EVENTS TODAY: From To hrs Code 00:00 9:00 9:00 O Survey operational 9:30 23:15 13:45 O Survey operational	Ms Mark 4.0 acous	stic monitoring equip	oment							
Off Vessel On Vessel arsonnel: Personnel: Sian Ponting quipment: Equipment: DD. DIARY OF EVENTS TODAY: From To hrs Code 00:00 9:00 9:00 9:00 9:30 0:30 9:30 23:15 13:45	nnacle GEN 3 Night	vision goggles								
Off Vessel On Vessel ersonnel: Personnel: Sian Ponting uppment: Equipment: DD. DIARY OF EVENTS TODAY: From To hrs Code 00:00 9:00 9:00 9:00 9:30 0:30 9:30 23:15 13:45										
Personnel: Sian Ponting quipment: Equipment: DD. DIARY OF EVENTS TODAY: From To Mrs Code 00:00 9:00 9:00 9:00 9:30 0:30 9:30 23:15 13:45		Project Variation	ns (include notices o	of changes o	f personnel / equ	ipment)				
puipment: Equipment: DD. DIARY OF EVENTS TODAY: From To hrs Code 00:00 9:00 9:00 O Survey operational 9:00 9:30 0:30 T Transit to meet SEATOW and take on new PSO personnel by boat transfer 9:30 23:15 13:45 O Survey operational	C7.	Off Ves	sel				On Ves	sel		
DD. DIARY OF EVENTS TODAY: From To hrs Code 00:00 9:00 9:00 O Survey operational 9:00 9:30 0:30 T Transit to meet SEATOW and take on new PSO personnel by boat transfer 9:30 23:15 13:45 O Survey operational	C7.				Personnel:	Sian Ponting				
DD. DIARY OF EVENTS TODAY: From To hrs Code 00:00 9:00 9:00 O Survey operational 9:00 9:30 0:30 T Transit to meet SEATOW and take on new PSO personnel by boat transfer 9:30 23:15 13:45 O Survey operational										
From To hrs Code 00:00 9:00 9:00 O Survey operational 9:00 9:30 0:30 T Transit to meet SEATOW and take on new PSO personnel by boat transfer 9:30 23:15 13:45 O Survey operational										
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00:00 9:00 9:00 O Survey operational 9:00 9:30 0:30 T Transit to meet SEATOW and take on new PSO personnel by boat transfer 9:30 23:15 13:45 O Survey operational	ersonnel: quipment:				Equipment:					
9:009:300:30TTransit to meet SEATOW and take on new PSO personnel by boat transfer9:3023:1513:45OSurvey operational	ersonnel: quipment: DD.				Equipment:					
9:30 23:15 13:45 O Survey operational	prsonnel: juipment: DD. From	То	hrs							
	prsonnel: juipment: DD. From 00:00	To 9:00	hrs 9:00	0	Survey operational					
23:15 24:00 0:45 SD PAMS cable caught in thruster	DD. From 00:00 9:00	To 9:00 9:30	hrs 9:00 0:30	О Т	Survey operational Transit to meet SE	ATOW and ta	ake on new PSO p	ersonnel by boat tra	ansfer	
	DD. From 00:00 9:00	To 9:00 9:30	hrs 9:00 0:30 13:45	0 T 0	Survey operational Transit to meet SE Survey operational	ATOW and ta	ake on new PSO pr	ersonnel by boat tra	ansfer	
	DD. From 00:00 9:00 9:30	To 9:00 9:30 23:15	hrs 9:00 0:30 13:45	0 T 0	Survey operational Transit to meet SE Survey operational	ATOW and ta	ake on new PSO pr	ersonnel by boat tra	ansfer	
	DD. From 00:00 9:00 9:30	To 9:00 9:30 23:15	hrs 9:00 0:30 13:45	0 T 0	Survey operational Transit to meet SE Survey operational	ATOW and ta	ake on new PSO p	ersonnel by boat tra	ansfer	
	ersonnel: quipment: DD. From 00:00 9:00 9:30	To 9:00 9:30 23:15	hrs 9:00 0:30 13:45	0 T 0	Survey operational Transit to meet SE Survey operational	ATOW and ta	ake on new PSO p	ersonnel by boat tra	ansfer	
	ersonnel: quipment: DD. From 00:00 9:00 9:30	To 9:00 9:30 23:15	hrs 9:00 0:30 13:45	0 T 0	Survey operational Transit to meet SE Survey operational	ATOW and ta	ake on new PSO p	ersonnel by boat tra	ansfer	
	ersonnel: quipment: DD. From 00:00 9:00 9:30	To 9:00 9:30 23:15	hrs 9:00 0:30 13:45	0 T 0	Survey operational Transit to meet SE Survey operational	ATOW and ta	ake on new PSO p	ersonnel by boat tra	ansfer	
	DD. From 00:00 9:00 9:30	To 9:00 9:30 23:15	hrs 9:00 0:30 13:45	0 T 0	Survey operational Transit to meet SE Survey operational	ATOW and ta	ake on new PSO p	ersonnel by boat tra	ansfer	
	DD. From 00:00 9:00 9:30	To 9:00 9:30 23:15	hrs 9:00 0:30 13:45	0 T 0	Survey operational Transit to meet SE Survey operational	ATOW and ta	ake on new PSO p	ersonnel by boat tra	ansfer	
	DD. From 00:00 9:00 9:30	To 9:00 9:30 23:15	hrs 9:00 0:30 13:45	0 T 0	Survey operational Transit to meet SE Survey operational	ATOW and ta	ake on new PSO p	ersonnel by boat tra	ansfer	

EE.	PROJECT DATA	\ :						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			48:00		48:00		30.19
Transit	Т			12:00	0:30	12:30		7.86
Calibrations	С			2:45		2:45		1.73
Operational	0			64:42	22:45	87:27		55.00
Weather Standby	W			4:15		4:15		2.67
Standby on Client	S							
Vessel Downtime	VD			1:15		1:15		0.79
Port Standby	PS							
Survey Downtime	SD				0:45	0:45		0.47
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO			2:03		2:03		1.29
			TOTAL	135:00	24:00	159:00		100.00%
Hrs. of L	Daily Operations	24		Cumu	lative Hours	Check Value=	168.00	
E2.	Survey Progress	s:						
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
		183.80		571.00	285.20	102.00	387.20	67.81%
	TOTALS:	183.80	TOTAL		285.20	102.00	387.20	
FF.	SAFETY (Details	& Figures for Vesse	and Survey C	Crews and Client	Representativ	ves)		
					Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	2	1	3	
		Ships	s Drill, MOB, Fire	e & Abandon Ship	2		2	
			Ň	/essel guided tour	3	1	4	
		Me	edical Treatment	t / First Aid Cases				
			г	ool Box Meetings	21	7	28	
				Incident Reports				
			Ν	lear Miss Reports				
				vation Card (SOB)				
				Observation Card				
				-				
	No. of sur	vey Man-Hours work	ed since start	of project or LTI.	2367:00	432:00	2799:00	
GG.	VESSEL ROB's	at 24:00hrs				I		
			Fu	iel (T)	Lube	e Oil (L)	١	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:					
Winds ENE, 5-10 kts.								
П.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
Continue survey opera								
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
			-	e vessel Shearwater	r moved inshore	to make a boat trans	sfer for the new PSO	personnel. After the personnel
transfer, Survey operatio	ns continued tthrough	the evening. At 2315 loc	al, the PAMS hydr	rophone cable becan	ne caught in the	thruster during a dep	oloyment operation. The	he vessel was stopped and
the cable was removed fi	rom the prop. A spare	PAMS cable was installe	d and redeployed	and the broken cable	e will be repaired	the following day by	/ PSO personnel.	
КК.	REPRESENTAT	IVE'S COMMENTS:	(Ontional)					
None			(optional)					
							LIG Wind	
	For ALPINE					For	US Wind	
$\overline{)}$	0 1 10	1 A				P.	in m	
Van	el WE	utezel				100	er m	ale
~~~~~~		9 - 19 <b>- 1</b> 9				<b>.</b>		
	Dan Whitesell						Keir Mille	
	Survey Party Chie			-	-		(Client Represe	
Vessel:		earwater	Project No:			Date:	29 A	ugust 2016
Client:	US	Wind	Location:		-	Report No.		007
			Project:	Export Cable S	urvey			

C3.       Client Personnel:         Client Rep.       Keir Miller         C4.       Personnel On Board:         ALPINE:       11       CLIENT:       1       VESSEL:       6       OTHERS:       TOTAL 18         C5.       ALPINE'S Equipment:       Benthos CHIRP III subbottom profiler       Imade in 3900 side scan sonar       Imade in 400 acoustic monitoring equipment         MMs Mark 4.0 acoustic monitoring equipment       Imade in acoustic monitoring equipment       Imade in acoustic monitoring equipment       Imade in acoustic monitoring equipment         Innacle GEN 3 Night vision goggles       Off Vessel       On Vessel       Imade in acoustic monitoring include notices of changes of personnel / equipment)         Off Vessel       On Vessel       Imade include include notices of changes of personnel / equipment)       Imade include inclu	Cient:         US Wind Ocean City, MD Report No:         30 August 2016 8           AL         CEST         Cient Cable Survey         Start Date:         23 August 2016           AL         VESSEL LOCATION AT 24:00 HRS:         Complude:         74 to 50 13.405           Description:         Latitude:         38' 28' 29.194         Longitude:         74' 50' 13.405           BAROM         WEATHER:         Usage of mAD         WAVE         NSK         SKY         REMARKS           Clocal         mb         Speed mph         Dir         HEGHT III         Complude:         74' 50' 13.405           BAROM         WEATHER:         Usage of mAD         WAVE         NSK         SKY         REMARKS           Clocal         mb         Speed mph         Dir         HEGHT III         Cloud         Cloud           00:00         1015         12         SE         <1	<b>\$</b> Alr							DAILY REP	PORT
All times are         EST         (GMT-         5:00         hrs.)           AA.         VESSEL LOCATION AT 24:00 HRS: Description:         Latitude:         38' 28' 29: 29: 194         Longitude:         74' 50' 13: 405           BB.         WEATHER: Time         Max         Max         Vessel         Conjutude:         74' 50' 13: 405           BB.         WEATHER: Time         Max         Max         Visite         SKY         REMARKS           0000         1015         12         SE         <1         6         Oliear            0000         1015         8         SE         <1         8         Oliear            0000         1016         8         SE         <1         8         Oliear            0000         1017         5         S         <1         8         Oliear            200         1017         5         S         <1         8         Oliear            201         Dark Writesou         Bureyor: Mich Mornoly Surveyor: Con Morisselle         Processor: Brent Johnston            211         CLIENT:         1         VESSEL         6         OTHERS         ToTAL 18	All times are         EST         (GMT-         5.00         hts)           AA.         VESSEL LOCATION AT 24:00 HRS:	Vessel: Client: Location:		US Wind Ocean City, MD		٦	odays Date Report No	:	30 August 2 8	
Description         Latitude:         28* 28* 29. 194         Longitude:         74* 50* 13.405           BB.         WEATHER:         WIND         WAVE         VISIB.         SKY         REMARKS           (Local)         mb         Speed mph         Dir.         HEIGHT m         mmi         CONDS         REMARKS           00:00         1015         12         SE         <1         6         Clear            00:00         1015         6         SE         <1         8         Clear            00:00         1016         6         SE         <1         8         Clear            00:00         1017         5         S         <1         8         Clear            20:00         1017         5         S         <1         8         Clear            Personal         Surveyor:         Mark Namody         Surveyor: Cam Morisette         Processor: Brent Johnston         Surveyor: Cam Morisette           Processor:         Dato Marcia         Marcia         Marcia         Surveyor: Cam Morisette         Processor: Brent Johnston           Stift Superviso:         Dato Marcia         Surveyor: Cam Morisette         Processor: Bren	Description:         Latitude:         28* 28* 29: 194         Longitude:         74* 50* 13.405           BB.         WEATHER:         WIND         WAVE         VISIB.         SKY         REMARKS           (Local)         mb         Speed mph         Dir         HEGHT m         nmi         CONDS         REMARKS           00:00         1015         12         SE         <1         8         Clear            00:00         1015         6         SE         <1         8         Clear            00:00         1016         6         SE         <1         8         Clear            28:00         1017         5         S         <1         8         Clear            20:01         Marcha         Surveyor: Mich Kennedy         Processor: Ben Marca         Processor: Ben Marca         Processor: Ben Marca			-		(GMT -				
BE.         WEATHER:           Time         BAROM         WIND         WAVE         VISIB.         SKY         REMARKS           00:00         1015         12         SE         <1	BE.         WEATHER:           Time         BAROM         WIND         WAVE         VISIB.         SKY         REMARKS           00:00         1015         12         SE         <1			ION AT 24:00 HRS:		· 20° 20' 20 104		Longitudo:	74° 50' 12 405	
Time         BAROM         WIND         WAVE         VISIB.         SKY         REMARKS           00.00         1015         12         SE         <1	Time         BAROM         WIND         WAVE         VISIB.         SKY         REMARKS           00:00         1015         12         SE         <1	Description.			Lalituue	. 38 28 23.134		Longitude.	74 30 13.403	
Mathematical mathematical space of the space of	Mathematical matrix         Speed mph         Dir         HEIGHT m         nmi         CONDS         REMARKS           00:00         1015         12         SE         <1	BB.	WEATHER:							
(Local)         mb         Speed mph         Dir         HEIGHT m         mini         CONS           00:00         1015         12         SE         <1	(Local)         mb         Speed mph         Dir         HE(AHT m         mmi         CONDS           00:00         1015         12         SE         <1	Time	BAROM	WIND	)	WAVE	VISIB.	SKY	R	EMARKS
08:00         1015         8         SE         <1         8         Clear           24:00         1017         5         S         <1	08:00         1015         8         SE         <1         8         Clear           24:00         1017         5         S         <1	(Local)	mb	Speed mph		HEIGHT m	nmi	CONDS	ĸ	
16:00         1016         8         SSE         <1         8         Clear           24:00         1017         5         S         <1	16:00         1016         8         SSE         <1         8         Clear           24:00         1017         5         S         <1					+ +				
24:00         1017         5         S         <1           CC.         PERSONNEL & EQUIPMENT: C1.         Alpine OSS Personnel:           Party Chief: Dan Whitesell         Surveyor: March Kennedy Surveyor: Carn Morissette Processor Ben Marze         Processor: Brent Johnston           Shift Supervisor: Daio Manchia         Surveyor: Carn Morissette Processor Ben Marze         Processor: Brent Johnston           C2.         Additional Personnel C2.         Additional Personnel Marze         Carn Morissette Processor Ben Marze         Processor: Brent Johnston           C3.         Client Personnel: Client Rep.         Client Personnel: Exercise Statisse	24:00         1017         5         S         <1           CC.         PERSONNEL & EQUIPMENT: C1.         Alpine OSS Personnel:           Party Chief:         Dan Whitesell         Surveyor: Mich Kennedy Surveyor: Cam Michisette Processor Ben Marze         Processor: Brent Johnston           Shift Supervisor:         Dario Manchia         Surveyor: Cam Michisette Processor Ben Marze         Processor: Brent Johnston           C2.         Additional Personnel         Cam Monisette Processor Ben Marze         Processor: Brent Johnston           C3.         Client Personnel:         Client Rep: Keir Miller         Client Personnel:         TOTAL 18           C3.         Client Personnel:         TOTAL 18           C3.         ALPINE's Equipment:           SON 7125 MBE Benthos CHIRP III subtottom profiler           and sold as an sonar           OPIN:           OPIN:           C6.         Additional Equipment           Additional Equipment           Additional Equipment           OF Vises           On Vessel           On Vessel           On Vessel           On Vessel           On Vessel <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
CC.       PERSONNEL & EQUIPMENT:         C1.       Alpine OSS Personnel:         Party Chief: Dan Whitesell       Surveyor: Mitch Kennedy         Shift Supervisor: Dario Manchia       Surveyor: Cam Morissette         Processor: Brent Johnston       Stritt Supervisor.         Shift Supervisor: Marcus Kwasek       Processor: Brent Johnston         C2.       Additional Personnel         C3.       Client Personnel:         C4.       Personnel On Board:         ALPINE:       1         C4.       Personnel On Board:         ALPINE:       1         C5.       ALPINE'S Equipment:         SON 7125 MBE       Benhos CHIRP III subbottom profiler         arrayre USL          in 3900 side scan sonar          onetrics 82 magnetimeter          C6.       Additional Equipment         made GEN 3 Night vision goggles          C7.       Project Variations (include notices of changes of personnel / equipment)         Off Vessel       On Vessel         resonnel:          Upment:       Equipment:         C7.       Project Variations (include notices of changes of personnel / equipment)         On Vessel       On Vessel	CC.       PERSONNEL & EQUIPMENT:         C1.       Alpine OSS Personnel:         Party Chiel: Dan Whitesell       Surveyor: Mitch Kennedy         Shift Supervisor: Dario Manchia       Surveyor: Cam Morissette         Processor: Brent Johnston       Surveyor: Cam Morissette         C2.       Additional Personnel         C3.       Client Personnel:         C1ent Rep.       Keir Millor         C4.       Personnel On Board:         ALPINE:       11       CLIENT:         SON 7125 MBE       Benthos CHIRP III subbottom profiler         arryme USBL           in 3990 diale scan sonar          onetrics 882 magnetometer          C6.       Additional Equipment         made GEN 3 Night vision goggles          C7.       Project Variations (include notices of changes of personnel / equipment)         Off Vessel       On Vessel         onnel:          uipment:       Equipment:         C7.       Project Variations (include notices of changes of personnel						8	Clear		
C1.       Alpine OSS Personnel:         Party Chit:       Dan Whitesell       Surveyor:: Mitch Kennedy       Processor: Brent Johnston         Shift Supervisor:       Marcus Kwasek       Processor: Ben Manze       Processor: Brent Johnston         C2.       Additional Personnel       Processor: Ben Manze       Processor: Brent Johnston         C2.       Additional Personnel       Processor: Ben Manze       Processor: Brent Johnston         C3.       Client Personnel:       Image: State	C1.       Alpine OSS Personnel:         Party Chit: Dan Whitesell       Surveyor: Mich Kennedy       Processor: Brent Johnston         Shift Supervisor: Marcus Kwasek       Processor: Ben Marcze       Processor: Brent Johnston         C2.       Additional Personnel       Processor: Ben Marcze       Processor: Brent Johnston         C3.       Client Personnel       Processor: Ben Marcze       TOTAL 18         C4.       Personnel On Board:       TOTAL 18       TOTAL 18         C5.       ALPINE'S Equipment:       6       OTHERS;       TOTAL 18         C5.       ALPINE'S Equipment:       Forestand Processor Processor: Ben Marcze       TOTAL 18         C6.       ALPINE'S Equipment:       TOTAL 18       Forestand Processor Processor: Ben Marcze       TOTAL 18         C5.       ALPINE'S Equipment:       Interview Processor Processor: Ben Marcze       Interview Processor: Ben Marcze       TOTAL 18         C6.       ALPINE'S Equipment:       Interview Processor: Ben Marcze       Interview Processor: Ben Marcze       Interview Processor: Ben Marcze         C7.       Project Variations (Include notices of changes of personnel / equipment)       On Vessel       Interview Processor: Ben Marcze       Interview Processor: Ben Marcze         C7.       Project Variations (Include notices of changes of personnel / equipment)       Interview Process	24:00	1017	5	S	<1				
C1.       Alpine OSS Personnel:         Party Chit: Dan Whitesell       Surveyor: Mitch Kennedy       Processor: Brent Johnston         Shift Supervisor: Marcus Kwasek       Processor Ben Manze       Processor: Brent Johnston         C2.       Additional Personnel       Processor Ben Manze       Processor: Brent Johnston         C2.       Additional Personnel       Processor Ben Manze       Processor: Brent Johnston         C3.       Client Personnel:       Tortal 18         C4.       Personnel On Board:       Tortal 18         ALPINE:       11       CLIENT:       1       VESSEL:       6       OTHERS:       TOTAL 18         C5.       ALPINE'S Equipment:       Surveyor: Cam Monissette       Internet State       Internet Stat	C1.       Alpine OSS Personnel:         Party Chit: Dan Whitesell       Surveyor: Mich Kennedy       Processor: Brent Johnston         Shift Supervisor: Marcus Kwasek       Processor: Ben Marcze       Processor: Brent Johnston         C2.       Additional Personnel       Processor: Ben Marcze       Processor: Brent Johnston         C3.       Client Personnel       Processor: Ben Marcze       TOTAL 18         C4.       Personnel On Board:       TOTAL 18       TOTAL 18         C5.       ALPINE'S Equipment:       6       OTHERS;       TOTAL 18         C5.       ALPINE'S Equipment:       Forestand Processor Processor: Ben Marcze       TOTAL 18         C6.       ALPINE'S Equipment:       TOTAL 18       Forestand Processor Processor: Ben Marcze       TOTAL 18         C5.       ALPINE'S Equipment:       Interview Processor Processor: Ben Marcze       Interview Processor: Ben Marcze       TOTAL 18         C6.       ALPINE'S Equipment:       Interview Processor: Ben Marcze       Interview Processor: Ben Marcze       Interview Processor: Ben Marcze         C7.       Project Variations (Include notices of changes of personnel / equipment)       On Vessel       Interview Processor: Ben Marcze       Interview Processor: Ben Marcze         C7.       Project Variations (Include notices of changes of personnel / equipment)       Interview Process	CC.	PERSONNEL &	EQUIPMENT:						
Party Chief:     Dan Whitesell     Surveyor:     Mich Kennedy     Processor:     Brent Johnston       Shift Supervisor:     Darko Mancha     Surveyor:     Cam Morissette     Processor:     Brent Johnston       Shift Supervisor:     Darko Marcha     Surveyor:     Cam Morissette     Processor:     Brent Johnston       Shift Supervisor:     Marcus Kwasek     Processor:     Bernthorits     Bernthorits       C2.     Additional Personnel     Environment     Environment       C3.     Client Personnel:     Environment     Environment       C4.     Personnel On Board:     Image: Strateging	Party Chief:     Dan Whiteself     Surveyor:     Mith Kennedy     Processor:     Bread Surveyor:       Shift Supervisor:     Dark Marcus Kwasek     Processor:     Bread       Shift Supervisor:     Darkon Marcus Kwasek     Processor:     Bread       State     Processor:     Bread     Bread       State     Processor:     Bread     Bread       C2.     Additional Personnel     Edited     Edited       C3.     Client Personnel:     Edited     Edited       C4.     Personnel On Board:     Image: State									
Shift Supervisor: Dario Manchia         Surveyor: Cam Morissette Processor Ben Mance           C2         Additional Personnel aron Doake, Jack Allum, Feix Smith, Sian Ponting           C3.         Client Personnel: Client Rep. Keir Miler           C4         Personnel On Board: ALPINE           C4.         Personnel On Board: C5.           C4.         Personnel On Board: C6.           C6.         ALPINE'S Equipment: Benthos CHIRP III subbottom profiler           C5.         ALPINE'S Equipment: Benthos CHIRP III subbottom profiler           C6.         ALPINE'S Equipment: Benthos CHIRP III subbottom profiler           C7.         Personnitoring equipment Inade equipment           Mark 4.0 acoustic monitoring equipment Inacle GEN 3 Night vision goggles           C7.         Project Variations (include notices of changes of personnel / equipment) Inacle GEN 3 Night vision goggles           C7.         Project Variations (include notices of changes of personnel / equipment) Inacle GEN 3 Night vision goggles           C7.         Project Variations (include notices of changes of personnel / equipment) Inacle GEN 3 Night vision goggles           C9.         DIARY OF EVENTS TODAY: Information (Include notices of changes of personnel / equipment) Indo Information (Include notices of changes of personnel / equipment) Information (Include notices of changes of personnel / equipment) Information (Include notices of changes of personnel / equipment) Information (Include notices of changes of personnel / equipment) Info	Shift Supervisor: Dario Manchia         Surveyor: Cam Morissette Processor Ben Marce           C2         Additional Personnel aron Doake, Jack Alum, Feix Smith, Sian Ponting           C3.         Client Personnel: Client Rep. Keir Miller           C1         Keir Miller           C4.         Personnel On Board: ALPINE           ALPINE         11         CLIENT:         1         VESSEL         6         OTHERS:         TOTAL 18           C5.         ALPINE'S Equipment: 800 Y126 MBE         Benthos CHIRP III subbotom profiler         6         OTHERS:         TOTAL 18           C5.         ALPINE'S Equipment: 800 Y126 MBE         Benthos CHIRP III subbotom profiler         1         1         1         1           00 Y126 MBE         Benthos CHIRP III subbotom profiler         1         1         1         1         1           01 Y126 MBE         Benthos CHIRP III subbotom profiler         1         1         1         1           01 Y126 MBE         Benthos CHIRP III subbotom profiler         1         1         1         1           01 Y126 MBE         Benthos CHIRP III subbotom profiler         1         1         1         1           18 Y126 MBE         Benthos CHIRP III subbotom profiler         1         1         1         1 <td< td=""><td></td><td></td><td></td><td>Surveyor</td><td>Mitch Kennedy</td><td></td><td>Processor:</td><td>Brent Johnston</td><td></td></td<>				Surveyor	Mitch Kennedy		Processor:	Brent Johnston	
C2.       Additional Personnel         arron Dake, Jack Alum, Felix Smith, Sian Ponting         C3.       Client Personnel:         Client Rep.       Keir Miller         Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"         Colspan="2"         Colspan="2"         Colspan="2"         Colspan="2"            Col	C2.       Additional Personnel         aron Dake, Jack Allum, Feix Smith, Sian Ponting         C3.       Client Rep.       Keir Miller         Client Rep.       Keir Miller         C4.       Personnel On Board:       TotAL 18         ALPINE:       11       CLIENT:       1       VESSEL:       6       OTHERS:       TotAL 18         C5.       ALPINE'S Equipment:       SON 7125 ME       Benthos CHIRP III subbottom profiler       Image: Constraint of the second				Surveyor	: Cam Morissette				
taron Dake, Jack Allum, Felix Smith, Sian Ponting          C3.       Client Rep.       Keir Miller         Clent Rep.       Keir Miller         C4.       Personnel On Board:         ALPINE:       11       CLIENT:       1       VESSEL:       6       OTHERS:       TOTAL 18         C5.       ALPINE'S Equipment:       Standard St	aron Doake, Jack Allum, Felix Smith, Slan Ponting          C3.       Client Personnel:         Client Rep.       Keir Miller         C4.       Personnel On Board:         ALPINE:       11       CLIENT:       1       VESSEL:       6       OTHERS:       TOTAL 18         C5.       ALPINE'S Equipment:       Son 7125 MBE       Benthos CHIRP III subbottom profiler       Image: Comparison of the second of the se	Shift Supervisor:	Marcus Kwasek		Processo	r Ben Manze				
Client Rep.         Keir Miller           C4.         Personnel On Board:           ALPINE:         11         CLIENT:         1         VESSEL:         6         OTHERS:         TOTAL 18           C5.         ALPINE'S Equipment:         E         Solution of the second secon	C3.       Client Personnel: Client Rep.       Keir Miller         C4.       Personnel On Board: ALPINE:       1       CLIENT:       1       VESSEL:       6       OTHERS:       TOTAL 18         C5.       ALPINE'S Equipment: SON 7125 MBE       Benthos CHIRP III subbottom profiler       6       OTHERS:       TOTAL 18         C5.       ALPINE'S Equipment: Inadyne USBL       Benthos CHIRP III subbottom profiler       6       OTHERS:       TOTAL 18         C6.       Additional Equipment       Inadive State S		1	onnel						
Client Rep.         Keir Miller           C4.         Personnel On Board:           ALPINE:         11         CLIENT:         1         VESSEL:         6         OTHERS:         TOTAL 18           C5.         ALPINE'S Equipment:         Benthos CHIRP III subbottom profiler         6         OTHERS:         TOTAL 18           C5.         ALPINE'S Equipment:         Benthos CHIRP III subbottom profiler         0         0         0           sin 3900 side scan sonar         0         0         0         0         0         0           c6.         Additional Equipment         0         0         0         0         0         0           C6.         Additional Equipment         0         0         0         0         0         0         0           C7.         Project Variations (include notices of changes of personnel / equipment)         On Vessel         0         0         0         Vessel         0         0         0         Vessel         0         0	Client Rep.         Keir Miller           C4.         Personnel On Board:           ALPINE         11         CLIENT:         1         VESSEL:         6         OTHERS:         TOTAL 18           C5.         ALPINE'S Equipment:         Benthos CHIRP III subbottom profiler         Image: Construct of the subbottom profile         Image: Construct of the subbottom profiler	naron Doake, Jack A	Allum, Felix Smith, S	ian Ponting						
Client Rep.         Keir Miller           C4.         Personnel On Board:           ALPINE:         11         CLIENT:         1         VESSEL:         6         OTHERS:         TOTAL 18           C5.         ALPINE'S Equipment:         E         Solution of the second secon	Client Rep.         Keir Miller           C4.         Personnel On Board:           ALPINE         11         CLIENT:         1         VESSEL:         6         OTHERS:         TOTAL 18           C5.         ALPINE'S Equipment:         Benthos CHIRP III subbottom profiler         Image: Construct of the subbottom profile         Image: Construct of the subbottom profiler		-							
C4.       Personnel On Board:         ALPINE:       11       CLIENT:       1       VESSEL:       6       OTHERS:       TOTAL 18         C5.       ALPINE'S Equipment:       Benthos CHIRP III subbotom profiler       Imadian       Image: Control of the second se	C4.       Personnel On Board:         ALPINE:       11       CLIENT:       1       VESSEL:       6       OTHERS:       TOTAL 18         C5.       ALPINE'S Equipment:       Benthos CHIRP III subbottom profiler       Imarityme USBL       Imarityme USSL       Imarityme USSL <th< td=""><td></td><td></td><td>l:</td><td>1</td><td></td><td></td><td></td><td></td><td></td></th<>			l:	1					
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ALPINE       11       CLIENT:       1       VESSEL:       6       OTHERS:       TOTAL 18         CS.       ALPINE'S Equipment:       Benthos CHIRP III subbottom profiler       Image: Constraint of the second seco	ALPINE         11         CLIENT:         1         VESSEL:         6         OTHERS:         TOTAL 18           C5.         ALPINE'S Equipment:         Benthos CHIRP III subbottom profiler         Image: Constraint of the subsection profiler         Image: Constraint of the subsectis of the subsection profiler         Image: Consubsecti									
C5.       ALPINE'S Equipment:         SSON 7125 MBE       Benthos CHIRP III subbottom profiler	C5.       ALPINE'S Equipment:         SON 7125 MBE       Benthos CHIRP III subbottom profiler			oard:						
ESON 7125 MBE       Benthos CHIRP III subbottom profiler         in ardyne USBL       in and you use in a some in the second secon	SON 7125 MBE       Benthos CHIRP III subbottom profiler       Imadyne USBL         in 3900 side scan sonar       Imadyne USBL       Imadyne USBL         ometrics 882 magnetometer       Imadyne USBL       Imadyne USBL         C6.       Additional Equipment       Imadyne USBL       Imadyne USBL         Ms Mark 4.0 acoustic monitoring equipment       Imadyne USBL       Imadyne USBL       Imadyne USBL         Ms Mark 4.0 acoustic monitoring equipment       Imadyne USBL       Imadyne USBL       Imadyne USBL         Off Vessel       On Vessel         On Vessel         On Vessel         Image: Image USBL         Image USBL         On Vessel         On Vessel         Image USBL         Image USBL         Image USBL         On Vessel         Image USBL	ALPINE:			4	VECCEL	<u>^</u>			TOTAL 40
ESON 7125 MBE       Benthos CHIRP III subbottom profiler         in ardyne USBL       in and you use in a some in the second of the secon	SON 7125 MBE       Benthos CHIRP III subbottom profiler       Imadyne USBL         in 3900 side scan sonar       Imadyne USBL       Imadyne USBL         ometrics 882 magnetometer       Imadyne USBL       Imadyne USBL         C6.       Additional Equipment       Imadyne USBL       Imadyne USBL         Ms Mark 4.0 acoustic monitoring equipment       Imadyne USBL       Imadyne USBL       Imadyne USBL         Ms Mark 4.0 acoustic monitoring equipment       Imadyne USBL       Imadyne USBL       Imadyne USBL         Off Vessel       On Vessel         On Vessel         On Vessel         Image: Image USBL         Image USBL         On Vessel         On Vessel         Image USBL         Image USBL         Image USBL         On Vessel         Image USBL		11	CLIENT:	1	VESSEL:	6	OTHERS:		TOTAL 18
Mardyne USBL         Image: Constraint of the second s	nardyne USBL         Image: Constraint of the second s		II		1	VESSEL:	6	OTHERS:		TOTAL 18
Prometrics 882 magnetometer         Additional Equipment           AMS Mark 4.0 acoustic monitoring equipment	Ometrics 882 magnetometer         Additional Equipment           MS Mark 4.0 acoustic monitoring equipment	C5.	ALPINE'S Equip	ment:	l	VESSEL:	6	OTHERS:		TOTAL 18
C6.       Additional Equipment         AMs Mark 4.0 acoustic monitoring equipment         nnacle GEN 3 Night vision goggles         C7.       Project Variations (include notices of changes of personnel / equipment)         Off Vessel       On Vessel         ersonnel:       Personnel:         quipment:       Equipment:         DD.       DIARY OF EVENTS TODAY:         From       To         Ms       Code         00:00       0:30       0:30         0:30       1:30       1:00         1:30       1:45       0:15	C6.       Additional Equipment         MS Mark 4.0 acoustic monitoring equipment         nnacle GEN 3 Night vision goggles         C7.       Project Variations (include notices of changes of personnel / equipment)         Off Vessel       On Vessel         rsonnel:         uppment:       Equipment:         DD.       DIARY OF EVENTS TODAY:         From       To         Ms       Code         00:00       0:30       0:30         0:30       1:30       1:00         1:30       1:45       0:15	<b>C5.</b> ESON 7125 MBE	ALPINE'S Equip	ment:	l	VESSEL:	6	OTHERS:		TOTAL 18
AMs Mark 4.0 acoustic monitoring equipment         nnacle GEN 3 Night vision goggles         Off Versel         On Versel         On Versel         Personnel:         Personnel:         Equipment:         DD.       DIARY OF EVENTS TODAY:         From       To       hrs       Code         00:00       0:30       0:30       SD       PAMs Cable removed from thruster         0:30       1:30       1:45       0:15       MMO       Subbottom ramp up completed	Ms Mark 4.0 acoustic monitoring equipment         Inacle GEN 3 Night vision goggles         Off Vessel         On Vessel         On Vessel         On Vessel         Personnel / equipment)         On Vessel         On Vessel         Personnel:         Personnel:         Personnel:         Equipment:         DD.       DIARY OF EVENTS TODAY:         From       To       hrs       Code         00:00       0:30       0:30       SD       PAMs Cable removed from thruster         0:30       1:30       1:45       O:15       MMO	C5. ESON 7125 MBE onardyne USBL	ALPINE'S Equip	ment:	l	VESSEL:	6	OTHERS:		TOTAL 18
nnacle GEN 3 Night vision goggles         C7.       Project Variations (include notices of changes of personnel / equipment)         Off Vessel       On Vessel         Personnel:         Personnel:         Equipment:         Equipment:         DD.       DIARY OF EVENTS TODAY:         From       To       hrs       Code         00:00       0:30       0:30       SD       PAMs Cable removed from thruster         0:30       1:30       1:45       0:15       MMO       Subbottom ramp up completed	Or Variations (include notices of changes of personnel / equipment)         On Vessel         On Vessel         Personnel:         From Io         DD.       DIARY OF EVENTS TODAY:         From       To       hrs       Code         00:00       0:30       0:30       SD       PAMs Cable removed from thruster         0:30       1:30       1:45       0:15       MMO       Subbottom ramp up completed	C5. ESON 7125 MBE Dnardyne USBL ein 3900 side scan sor	ALPINE'S Equip	ment:	l	VESSEL:	6	OTHERS:		TOTAL 18
C7.       Project Variations (include notices of changes of personnel / equipment)         Off Vessel       On Vessel         Personnel:         ersonnel:         Equipment:         Equipment:         DD.       DIARY OF EVENTS TODAY:         From       To       hrs       Code         00:00       0:30       0:30       SD       PAMs Cable removed from thruster         0:30       1:30       1:00       MMO       One hour PSO prewatch completed         1:30       1:45       0:15       MMO       Subbottom ramp up completed	C7.       Project Variations (include notices of changes of personnel / equipment)         Off Vessel       On Vessel         On Vessel         Personnel:         Equipment:         DD.       DIARY OF EVENTS TODAY:         From       To       hrs       Code         00:00       0:30       0:30       SD       PAMs Cable removed from thruster         0:30       1:30       1:00       MMO       One hour PSO prewatch completed         1:30       1:45       0:15       MMO       Subbottom ramp up completed	C5. ESON 7125 MBE onardyne USBL ein 3900 side scan sor eometrics 882 magnete	ALPINE'S Equip	ment: Benthos CHIRP III subbo	l	VESSEL:	6	OTHERS:		TOTAL 18
Off Vessel         On Vessel           arsonnel:         Personnel:           quipment:         Equipment:           DD.         DIARY OF EVENTS TODAY:           From         To           Mrs         Code           00:00         0:30         0:30           0:30         1:30         1:00           1:30         1:45         0:15	Off Vessel         On Vessel           rsonnel:         Personnel:           uipment:         Equipment:           DD.         DIARY OF EVENTS TODAY:           From         To           Mrs         Code           00:00         0:30         0:30           0:30         1:30         1:00           1:30         1:45         0:15	C5. ESON 7125 MBE onardyne USBL ein 3900 side scan sor eometrics 882 magnete C6.	ALPINE'S Equip	ment: Benthos CHIRP III subbo ment	l	VESSEL:	6	OTHERS:		TOTAL 18
Off Vessel         On Vessel           arsonnel:         Personnel:           quipment:         Equipment:           DD.         DIARY OF EVENTS TODAY:           From         To           Mrs         Code           00:00         0:30         0:30           0:30         1:30         1:00           1:30         1:45         0:15	Off Vessel         On Vessel           rsonnel:         Personnel:           uipment:         Equipment:           DD.         DIARY OF EVENTS TODAY:           From         To           Mrs         Code           00:00         0:30         0:30           0:30         1:30         1:00           1:30         1:45         0:15	C5. ESON 7125 MBE bonardyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou	ALPINE'S Equip	ment: Benthos CHIRP III subbo ment	l	VESSEL:	6	OTHERS:		TOTAL 18
Personnel:         Personnel:           quipment:         Equipment:           DD.         DIARY OF EVENTS TODAY:           From         To           Mrs         Code           00:00         0:30         0:30         SD           0:30         1:30         1:00         MMO           1:30         1:45         0:15         MMO	Personnel:         Personnel:           uipment:         Equipment:           DD.         DIARY OF EVENTS TODAY:           From         To           Mrs         Code           00:00         0:30         0:30           0:30         1:30         1:00           1:30         1:45         0:15	C5. ESON 7125 MBE onardyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou nnacle GEN 3 Night	ALPINE'S Equip	ment: Benthos CHIRP III subbo pment pment	ottom profiler			OTHERS:		TOTAL 18
DD.         DIARY OF EVENTS TODAY:         Equipment:           From         To         hrs         Code           00:00         0:30         0:30         SD           0:30         1:30         1:00         MMO           1:30         1:45         0:15         MMO	DD.         DIARY OF EVENTS TODAY:         Equipment:           From         To         hrs         Code           00:00         0:30         0:30         SD           0:30         1:30         1:00         MIMO           1:30         1:45         0:15         MIMO	C5. ESON 7125 MBE onardyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou innacle GEN 3 Night	ALPINE'S Equip	ment: Benthos CHIRP III subbo oment oment ns (include notices	ottom profiler					TOTAL 18
DD.     DIARY OF EVENTS TODAY:       From     To     hrs     Code       00:00     0:30     0:30     SD     PAMs Cable removed from thruster       0:30     1:30     1:00     MMO     One hour PSO prewatch completed       1:30     1:45     0:15     MMO     Subbottom ramp up completed	DD.       DIARY OF EVENTS TODAY:         From       To       hrs       Code         00:00       0:30       0:30       SD         0:30       1:30       1:00       MMO         1:30       1:45       0:15       MMO	C5. ESON 7125 MBE onardyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou nnacle GEN 3 Night C7.	ALPINE'S Equip	ment: Benthos CHIRP III subbo oment oment ns (include notices	ottom profiler	of personnel / equ			ssel	TOTAL 18
DD.     DIARY OF EVENTS TODAY:       From     To     hrs     Code       00:00     0:30     0:30     SD     PAMs Cable removed from thruster       0:30     1:30     1:00     MMO     One hour PSO prewatch completed       1:30     1:45     0:15     MMO     Subbottom ramp up completed	DD.       DIARY OF EVENTS TODAY:         From       To       hrs       Code         00:00       0:30       0:30       SD         0:30       1:30       1:00       MMO         1:30       1:45       0:15       MMO	C5. ESON 7125 MBE onardyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou innacle GEN 3 Night C7.	ALPINE'S Equip	ment: Benthos CHIRP III subbo oment oment ns (include notices	ottom profiler	of personnel / equ			ssel	TOTAL 18
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00:00         0:30         0:30         SD         PAMs Cable removed from thruster           0:30         1:30         1:00         MMO         One hour PSO prewatch completed           1:30         1:45         0:15         MMO         Subbottom ramp up completed	00:00         0:30         0:30         SD         PAMs Cable removed from thruster           0:30         1:30         1:00         MMO         One hour PSO prewatch completed           1:30         1:45         0:15         MMO         Subbottom ramp up completed	C5. ESON 7125 MBE mardyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou nnacle GEN 3 Night C7. ersonnel: quipment:	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves	ment: Benthos CHIRP III subbo oment opment as (include notices ssel	ottom profiler	of personnel / equ Personnel:			ssel	TOTAL 18
0:301:301:00MMOOne hour PSO prewatch completed1:301:450:15MMOSubbottom ramp up completed	0:301:301:00MMOOne hour PSO prewatch completed1:301:450:15MMOSubbottom ramp up completed	C5. ESON 7125 MBE mardyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou innacle GEN 3 Night C7. ersonnel: quipment: DD.	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN	ment: Benthos CHIRP III subbo oment oment as (include notices asel ITS TODAY:	of changes c	of personnel / equ Personnel:			ssel	TOTAL 18
1:30 1:45 0:15 MMO Subbottom ramp up completed	1:30 1:45 0:15 MMO Subbottom ramp up completed	C5. ESON 7125 MBE phardyne USBL ein 3900 side scan sor ecometrics 882 magnete C6. AMs Mark 4.0 acou nnacle GEN 3 Night C7. ersonnel: quipment: DD. From	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To	ment: Benthos CHIRP III subbo oment oment as (include notices asel ITS TODAY: hrs	of changes c	of personnel / equ Personnel: Equipment:	ipment)	On Ve:	ssel	
1:45 24:00 22:15 O Survey operational	1:45 24:00 22:15 O Survey operational	C5. ESON 7125 MBE phardyne USBL ein 3900 side scan sor ecometrics 882 magnete C6. AMs Mark 4.0 acou nnacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 0:30	ment: Benthos CHIRP III subbo oment oment as (include notices asel ITS TODAY: hrs 0:30	of changes c	f personnel / equ Personnel: Equipment:	ipment)	On Ve	ssel	TOTAL 18
		C5. ESON 7125 MBE phardyne USBL ein 3900 side scan sor acometrics 882 magnete C6. AMs Mark 4.0 acou nnacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00 0:30	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 0:30 1:30	ment: Benthos CHIRP III subbo oment oment as (include notices asel ITS TODAY: hrs 0:30 1:00	of changes c	f personnel / equ Personnel: Equipment: PAMs Cable remo One hour PSO pre	ved from thru	On Ve	ssel	TOTAL 18
		C5. SON 7125 MBE nardyne USBL bin 3900 side scan sor cometrics 882 magnete C6. AMs Mark 4.0 acou nnacle GEN 3 Night C7. ersonnel: puipment: DD. From 00:00 0:30 1:30	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 0:30 1:30 1:30 1:45	ment: Benthos CHIRP III subbo oment oment as (include notices asel ITS TODAY: hrs 0:30 1:00 0:15	of changes c Code SD MMO MMO	f personnel / equ     Personnel:     Equipment:     PAMs Cable remo     One hour PSO pre     Subbottom ramp u	ved from thru watch completed	On Ve	ssel	TOTAL 18
		C5. ESON 7125 MBE phardyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou innacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00 0:30 1:30	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 0:30 1:30 1:30 1:45	ment: Benthos CHIRP III subbo oment oment as (include notices asel ITS TODAY: hrs 0:30 1:00 0:15	of changes c Code SD MMO MMO	f personnel / equ     Personnel:     Equipment:     PAMs Cable remo     One hour PSO pre     Subbottom ramp u	ved from thru watch completed	On Ve	ssel	
		C5. ESON 7125 MBE paradyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou innacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00 0:30 1:30	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 0:30 1:30 1:30 1:45	ment: Benthos CHIRP III subbo oment oment as (include notices asel ITS TODAY: hrs 0:30 1:00 0:15	of changes c Code SD MMO MMO	f personnel / equ     Personnel:     Equipment:     PAMs Cable remo     One hour PSO pre     Subbottom ramp u	ved from thru watch completed	On Ve	ssel	TOTAL 18
		C5. ESON 7125 MBE paradyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou innacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00 0:30 1:30	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 0:30 1:30 1:30 1:45	ment: Benthos CHIRP III subbo oment oment as (include notices asel ITS TODAY: hrs 0:30 1:00 0:15	of changes c Code SD MMO MMO	f personnel / equ     Personnel:     Equipment:     PAMs Cable remo     One hour PSO pre     Subbottom ramp u	ved from thru watch completed	On Ve	ssel	TOTAL 18
		C5. ESON 7125 MBE paradyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou innacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00 0:30 1:30	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 0:30 1:30 1:30 1:45	ment: Benthos CHIRP III subbo oment oment as (include notices asel ITS TODAY: hrs 0:30 1:00 0:15	of changes c Code SD MMO MMO	f personnel / equ     Personnel:     Equipment:     PAMs Cable remo     One hour PSO pre     Subbottom ramp u	ved from thru watch completed	On Ve	ssel	TOTAL 18
		C5. ESON 7125 MBE phardyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou innacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00 0:30 1:30	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 0:30 1:30 1:30 1:45	ment: Benthos CHIRP III subbo oment oment as (include notices asel ITS TODAY: hrs 0:30 1:00 0:15	of changes c Code SD MMO MMO	f personnel / equ     Personnel:     Equipment:     PAMs Cable remo     One hour PSO pre     Subbottom ramp u	ved from thru watch completed	On Ve	ssel	TOTAL 18
		C5. ESON 7125 MBE phardyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou innacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00 0:30 1:30	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 0:30 1:30 1:30 1:45	ment: Benthos CHIRP III subbo oment oment as (include notices asel ITS TODAY: hrs 0:30 1:00 0:15	of changes c Code SD MMO MMO	f personnel / equ     Personnel:     Equipment:     PAMs Cable remo     One hour PSO pre     Subbottom ramp u	ved from thru watch completed	On Ve	ssel	
		C5. ESON 7125 MBE phardyne USBL ein 3900 side scan sor eometrics 882 magnete C6. AMs Mark 4.0 acou nnacle GEN 3 Night C7. ersonnel: quipment: DD. From 00:00 0:30 1:30	ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 0:30 1:30 1:30 1:45	ment: Benthos CHIRP III subbo oment oment as (include notices asel ITS TODAY: hrs 0:30 1:00 0:15	of changes c Code SD MMO MMO	f personnel / equ     Personnel:     Equipment:     PAMs Cable remo     One hour PSO pre     Subbottom ramp u	ved from thru watch completed	On Ve	asel	

EE.	PROJECT DATA	<b>\:</b>						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			48:00		48:00		26.23
Transit	Т			12:30		12:30		6.83
Calibrations	С			2:45		2:45		1.50
Operational	0			87:27	22:15	109:42		59.95
Weather Standby	W			4:15		4:15		2.32
Standby on Client	S							
Vessel Downtime	VD			1:15		1:15		0.68
Port Standby	PS							
Survey Downtime	SD			0:45	0:30	1:15		0.68
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO			2:03	1:15	3:18		1.80
			TOTAL	159:00	24:00	183:00		100.00%
Hrs. of L	Daily Operations	24		Cumu	lative Hours	Check Value=	192.00	
E2.	Survey Progress	5:						
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Shearwater Export Corric	lor	60.80		571.00	387.20	123.00	510.20	89.35%
	TOTALS:	60.80	TOTAL		387.20	123.00	510.20	
FF.	<b>SAFETY</b> (Details	& Figures for Vesse	and Survey C	Crews and Client	Representativ	ves)		
				Incidente ⁹ Drille	Previous	Tada da Eventa	Evente Te Dete	
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	3		3	
		Ships	s Drill, MOB, Fire	e & Abandon Ship	2		2	
			\ \	/essel guided tour	4		4	
		Me	edical Treatment	t / First Aid Cases				
				ool Box Meetings	28	6	34	
				Incident Reports		-		
			Ν	lear Miss Reports				
				vation Card (SOB)				
			-	Observation Card				
				Observation Card				
	No of su	vey Man-Hours work	red since start	of project or LTL	2799:00	432:00	3231:00	
GG.	VESSEL ROB's				2133.00	432.00	5251.00	
			Eu	el (T)	Lube	e Oil (L)		Water (T)
					2000	5 011 (2)		
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	25.					
Winds 5-10 kts from th	-							
II.		ROGRAM NEXT 24	HDS.					
Finish HRG survey op			TINO.					
		COMMENTS: (Opt	ional)					
		wed from the thruster. Du	<u> </u>	one bour per-watch y	as implemented	and then ramp up r	vocedures for PSO w	atch Survey operations
continued uninterrupted f			le to downtime, a	one nour per-waterry	as implemented		locedures for 1 00 w	aton. Ourvey operations
			(O-+1'1')					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
						_		
	For ALPINE					For	US Wind	
$\overline{)}$	0 1.0	A				6	-	
\ h	I WE	utezel ()				ICe	in me	lle
June	- a alu							
·····	Dan Whitesell						Keir Mille	)r
(\$	Survey Party Chie						(Client Represe	,
Vessel:		earwater	Project No:			Date:	30 A	ugust 2016
Client:	US	Wind	Location:	Ocean Ci	ty, MD	Report No.		008
1			Project:	Export Cable S	urvey			

<b>ş) Al</b> r							DAILY REP	PORT
Vessel: Client: Location: Project:		RV Shearwater US Wind Ocean City, MD sport Cable Survey		Т	Project No odays Date Report No Start Date	c c	1783 31 August 2 9 23 August 2	
Project.	All times are	EST		(GMT -	5:00	hrs)	25 August 2	2010
AA.	VESSEL LOCAT	ION AT 24:00 HRS:						
Description:				: 38° 29 35.096		Longitude:	74° 48' 41.907	
BB.	WEATHER:							
Time	BAROM	WIND	)	WAVE	VISIB.	SKY	_	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	R	EMARKS
00:00	1015	10	S	<1				
08:00	1016	8	SE	<1	8	Clear		
16:00	1015	8	SE	<1	8	Clear		
24:00	1014	9	SSE	<1				
CC.	PERSONNEL &	EQUIPMENT:						
	Alpine OSS Pers							
	Dan Whitesell		Surveyor	: Mitch Kennedy		Processor:	Brent Johnston	
Shift Supervisor:	Dario Manchia		Surveyor	Cam Morissette				
Shift Supervisor:	Marcus Kwasek		Processo	r Ben Manze				
C2.	Additional Perso	onnel						
aron Doake, Jack A	Allum, Felix Smith, S	ian Ponting						
C3.	Client Personne	l:	r					
Client Rep.	Keir Miller							
C4.	Personnel On Bo			V50051		OTUEDO	Γ	
C4. ALPINE:		Dard: CLIENT:	1	VESSEL:	6	OTHERS:		TOTAL 18
ALPINE:	11	CLIENT:	1	VESSEL:	6	OTHERS:		TOTAL 18
ALPINE:	11 ALPINE'S Equip	CLIENT:		VESSEL:	6	OTHERS:		TOTAL 18
ALPINE: C5. SON 7125 MBE	11 ALPINE'S Equip	CLIENT:		VESSEL:	6	OTHERS:		TOTAL 18
ALPINE: C5. SON 7125 MBE ardyne USBL	11 ALPINE'S Equip	CLIENT:		VESSEL:	6	OTHERS:		TOTAL 18
ALPINE: C5. GON 7125 MBE ardyne USBL n 3900 side scan sor	11 ALPINE'S Equip	CLIENT:		VESSEL:	6	OTHERS:		TOTAL 18
ALPINE: C5. GON 7125 MBE ardyne USBL n 3900 side scan sor metrics 882 magneto	11 ALPINE'S Equip	CLIENT: ment: Benthos CHIRP III subbo		VESSEL:	6	OTHERS:		TOTAL 18
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sor metrics 882 magneto C6.	11 ALPINE'S Equip	CLIENT: ment: Benthos CHIRP III subbo		VESSEL:	6	OTHERS:		TOTAL 18
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sor metrics 882 magneto C6. VIS Mark 4.0 acoust	11 ALPINE'S Equip nar ometer Additional Equip stic monitoring equip	CLIENT: ment: Benthos CHIRP III subbo		VESSEL:	6	OTHERS:		TOTAL 18
ALPINE: C5. SON 7125 MBE ardyne USBL in 3900 side scan sor pmetrics 882 magnete C6. Ms Mark 4.0 acous nacle GEN 3 Night	11 ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles	CLIENT: ment: Benthos CHIRP III subbo ment oment	ottom profiler			OTHERS:		TOTAL 18
ALPINE: C5. 50N 7125 MBE ardyne USBL n 3900 side scan sor pmetrics 882 magneto C6. Ms Mark 4.0 acoust	11 ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices	ottom profiler					TOTAL 18
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sorr ometrics 882 magnete C6. Ms Mark 4.0 acoust nacle GEN 3 Night C7.	11 ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices	ottom profiler	of personnel / equ		OTHERS:		TOTAL 18
ALPINE: C5. SON 7125 MBE hardyne USBL n 3900 side scan sorr ometrics 882 magnets C6. Ms Mark 4.0 acous nacle GEN 3 Night C7.	11 ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices	ottom profiler					TOTAL 18
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan sor c6. Ms Mark 4.0 acous nacle GEN 3 Night C7. rsonnel:	11 ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices	ottom profiler	of personnel / equ Personnel:				TOTAL 18
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan sor pometrics 882 magnete C6. Ms Mark 4.0 acous nacle GEN 3 Night	11 ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices	ottom profiler	of personnel / equ				TOTAL 18
ALPINE: C5. SON 7125 MBE hardyne USBL in 3900 side scan sor c6. Ms Mark 4.0 acous nacle GEN 3 Night C7. rsonnel:	11 ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices	ottom profiler	of personnel / equ Personnel:				TOTAL 18
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sorn ometrics 882 magneto C6. Ms Mark 4.0 acoust nacle GEN 3 Night C7. rsonnel:	11 ALPINE'S Equip har ometer Additional Equip stic monitoring equip vision goggles Project Variation	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel	ottom profiler	of personnel / equ Personnel:				
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sorn ometrics 882 magneto C6. MS Mark 4.0 acous nacle GEN 3 Night C7. sonnel: uipment:	11 ALPINE'S Equip nar ometer Additional Equip stic monitoring equip vision goggles Project Variation Off Ves	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel	ottom profiler	of personnel / equ Personnel:				
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sor ometrics 882 magneto C6. Ws Mark 4.0 acous nacle GEN 3 Night C7. sonnel: uipment: DD.	11 ALPINE'S Equip nar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY:	of changes c	of personnel / equ Personnel:	ipment)			
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sor metrics 882 magneto C6. Ws Mark 4.0 acous nacle GEN 3 Night C7. sonnel: ijpment: DD. From	11 ALPINE'S Equip nar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs	of changes c	of personnel / equ Personnel: Equipment:	ipment)			
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sor metrics 882 magnetic C6. Vis Mark 4.0 acoust nacle GEN 3 Night C7. sonnel: iipment: DD. From 00:00	11 ALPINE'S Equip nar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 18:15	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 18:15	of changes c	of personnel / equ         Personnel:         Equipment:         HRG survey comp         Transit to addition	ipment)		ssel	
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sor metrics 882 magneto C6. Ws Mark 4.0 acous nacle GEN 3 Night C7. sonnel: ijpment: DD. From 00:00 18:15	11 ALPINE'S Equip nar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 18:15 19:15	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 18:15 1:00	of changes c	of personnel / equ         Personnel:         Equipment:         HRG survey comp         Transit to addition	ipment)	On Ve	ssel	
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sor metrics 882 magnetic C6. Ws Mark 4.0 acous nacle GEN 3 Night C7. sonnel: uipment: DD. From 00:00 18:15	11 ALPINE'S Equip nar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 18:15 19:15	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 18:15 1:00	of changes c	of personnel / equ         Personnel:         Equipment:         HRG survey comp         Transit to addition	ipment)	On Ve	ssel	
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sor ometrics 882 magnetic C6. MS Mark 4.0 acous nacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 18:15	11 ALPINE'S Equip nar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 18:15 19:15	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 18:15 1:00	of changes c	of personnel / equ         Personnel:         Equipment:         HRG survey comp         Transit to addition	ipment)	On Ve	ssel	
ALPINE: C5. SON 7125 MBE aardyne USBL in 3900 side scan sor ometrics 882 magneto C6. Ms Mark 4.0 acous nacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 18:15	11 ALPINE'S Equip nar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 18:15 19:15	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 18:15 1:00	of changes c	of personnel / equ         Personnel:         Equipment:         HRG survey comp         Transit to addition	ipment)	On Ve	ssel	
ALPINE: C5. SON 7125 MBE aardyne USBL in 3900 side scan sor ometrics 882 magneto C6. Ms Mark 4.0 acous nacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 18:15	11 ALPINE'S Equip nar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 18:15 19:15	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 18:15 1:00	of changes c	of personnel / equ         Personnel:         Equipment:         HRG survey comp         Transit to addition	ipment)	On Ve	ssel	
ALPINE: C5. SON 7125 MBE aardyne USBL in 3900 side scan sor ometrics 882 magneto C6. Ms Mark 4.0 acous nacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 18:15	11 ALPINE'S Equip nar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 18:15 19:15	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 18:15 1:00	of changes c	of personnel / equ         Personnel:         Equipment:         HRG survey comp         Transit to addition	ipment)	On Ve	ssel	
ALPINE: C5. SON 7125 MBE aardyne USBL in 3900 side scan sor ometrics 882 magneto C6. Ms Mark 4.0 acous nacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 18:15	11 ALPINE'S Equip nar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 18:15 19:15	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 18:15 1:00	of changes c	of personnel / equ         Personnel:         Equipment:         HRG survey comp         Transit to addition	ipment)	On Ve	ssel	
ALPINE: C5. SON 7125 MBE ardyne USBL n 3900 side scan sor ometrics 882 magnetic C6. MS Mark 4.0 acous nacle GEN 3 Night C7. rsonnel: uipment: DD. From 00:00 18:15	11 ALPINE'S Equip nar Additional Equip stic monitoring equip vision goggles Project Variation Off Ves DIARY OF EVEN To 18:15 19:15	CLIENT: ment: Benthos CHIRP III subbo oment oment as (include notices asel TS TODAY: hrs 18:15 1:00	of changes c	of personnel / equ         Personnel:         Equipment:         HRG survey comp         Transit to addition	ipment)	On Ve	ssel	

EE.	PROJECT DATA	<b>\</b> :						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			48:00		48:00		23.19
Transit	Т			12:30		12:30		6.04
Calibrations	С			2:45		2:45		1.33
Operational	0			109:42	24:00	133:42		64.59
Weather Standby	W			4:15		4:15		2.05
Standby on Client	S							
Vessel Downtime	VD			1:15		1:15		0.60
Port Standby	PS			_		-		
Survey Downtime	SD			1:15		1:15		0.60
Maintenance time	MT			1.10		1.10		0.00
Disputed Time	DT							
MMO Shutdown	MMO			3:18		3:18		1.59
	IVIIVIO		TOTAL	183:00	24:00	207:00		100.00%
Hro. of I	Daily Operations	24	TOTAL			Check Value=	246.00	100.00 %
				Cumu	lative nours	Check value=	216.00	
	Survey Progress			<b>T</b> ( 114	× 6			
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Shearwater Export Corric	dor			571.00	510.20	60.80	571.00	100.00%
Additional Survey Lines				30.50		30.50	30.50	100.00%
	TOTALS:		TOTAL		510.20	91.30	601.50	
FF.	SAFETY (Details	& Figures for Vesse	and Survey C	Crews and Client	Representativ	/es)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
				Incidents & Dhiis	Events	Today's Evenis	Evenis To Dale	
			Projec	t & HSE Briefings	3		3	
		Ship	s Drill, MOB, Fire	e & Abandon Ship	2		2	
			N.	/essel guided tour	4		4	
		Me	edical Treatment	t / First Aid Cases				
			г	Fool Box Meetings	34	4	38	
				Incident Reports				
			Ν	vear Miss Reports				
				vation Card (SOB)		2	2	
			-	Observation Card		2	2	
				Observation Card				
	No of sur	vey Man-Hours work	red since start	of project or LTL	3231:00	432:00	3663:00	
GG.	VESSEL ROB's	-		or project or Ern	3231.00	432.00	5005.00	
		4.24.00110	Eu	iel (T)	Lube	e Oil (L)	1	Water (T)
			14		Lubo	5 Oli (L)		
		ROB at 00:00 hrs	-					
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH. Winds 10 knots. From		ATHER NEXT 24 HF	(3:					
	,	ROGRAM NEXT 24						
II. Beturn to part, demok				and any ironmontal	anarationa			
Return to port, demob			5		operations			
		COMMENTS: (Opt						
The vessel completed the The survey was completed			ed upon by Alpine	and US Wind to acqu	uire full HRG on	an additional 30 Km	of survey lines. Thes	e were completed at 2400.
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
None								
	For ALPINE					For	US Wind	
	0					6		
\	- 1 1,16	tongth				120	in m	ile_
Jan	et ujt	mundel						
	Dan Whitesell						Keir Mille	er
(5	Survey Party Chie	f)					(Client Represe	entative)
Vessel:		earwater	Project No:	178	3	Date:	31 A	August 2016
Client:	US	Wind	Location:		ity, MD	Report No.		009
				Export Cable S				



## Daily Progress Reports Offshore Geotechnical Survey

<b>\$ Al</b> k							DAILY REPORT
Vessel: Client:		RV Shearwater US Wind		٦	Project No: odays Date:		1783 01 September 2016
Location: Project:		Ocean City, MD port Cable Survey			Report No: Start Date:		10 23 August 2016
Fiojeci.	LA	port cable Survey			Start Date.		25 August 2010
	All times are	EST		(GMT -	5:00	hrs)	
AA.		ION AT 24:00 HRS:		38° 19 40.86		l en situales	7E° 0E 20 22
Description:	Quayside at USC	3 Ocean City	Latitude:	30 19 40.00		Longitude:	75° 05 29.22
BB.	WEATHER:						
Time	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	
00:00	1015	8	SSE	<1	0	Bain	
08:00 16:00	1016 Quavride		SE	<1 Quavside	8 Quaveide	Rain	
16:00 24:00	Quayside Quayside	Quayside Quayside	Quayside Quayside	Quayside Quayside	Quayside Quayside	Quayside Quayside	
27.00	Quayout	Quayoide	Quayolue	Quayoiue	auayolue	Quayoiue	
CC.	PERSONNEL &	EQUIPMENT:					
C1.	Alpine OSS Pers	sonnel:					
Party Chief:	Dan Whitesell		Surveyor:	Mitch Kennedy		Processor:	Brent Johnston
Shift Supervisor:				Cam Morissette			
	Marcus Kwasek		Processor	Ben Manze			
C2.	Additional Perso						
aron Doake, Jack /	Allum, Felix Smith, S	ian Ponting					
C3.	Client Personne	ŀ					
Client Rep.	Keir Miller	•					
Onorie reop.							
C4.	Personnel On B	oard:					
ALPINE:	11	CLIENT:	1	VESSEL:	6	OTHERS:	TOTAL 18
C5.	ALPINE'S Equip	ment:					
SON 7125 MBE		Benthos CHIRP III subbo	ottom profiler				
ardyne USBL							
n 3900 side scan sor							
C6.	Additional Equip	oment					
	stic monitoring equi						
	\$ I I						
nacle GEN 3 Night	i vision yoyyies						
nacle GEN 3 Night	USION GOGGIES						
nacle GEN 3 Night		ns (include notices	of changes o	of personnel / ec	uipment)		
			of changes o	of personnel / ec	uipment)	On Ves	ssel
C7.	Project Variation		of changes o	f personnel / ec Personnel:	uipment)	On Ves	ssel
C7.	Project Variation		of changes o	Personnel:	uipment)	On Ves	ssel
C7.	Project Variation		of changes o		uipment)	On Ves	ssel
C7.	Project Variation		of changes o	Personnel:	uipment)	On Ves	ssel
C7. rsonnel: uipment:	Project Variation Off Ves	ssel	of changes o	Personnel:	uipment)	On Ves	ssel
C7. rsonnel: uipment: DD.	Project Variation Off Ves DIARY OF EVEN	ITS TODAY:		Personnel:	uipment)	On Ves	ssel
C7. rsonnel: uipment:	Project Variation Off Ves	ssel	of changes	Personnel:			
C7. rsonnel: uipment: DD. From	Project Variation Off Ves DIARY OF EVEN To	ITS TODAY: hrs	Code	Personnel: Equipment:	ts back to Oce	an City for demob	
C7. rsonnel: uipment: DD. From 00:00	Project Variation Off Ves DIARY OF EVEN To 9:00	ITS TODAY: hrs 9:00	Code T	Personnel: Equipment: Shearwater transi	ts back to Oce	an City for demob	
C7. rsonnel: uipment: DD. From 00:00	Project Variation Off Ves DIARY OF EVEN To 9:00	ITS TODAY: hrs 9:00	Code T	Personnel: Equipment: Shearwater transi	ts back to Oce	an City for demob	
C7. rsonnel: uipment: DD. From 00:00	Project Variation Off Ves DIARY OF EVEN To 9:00	ITS TODAY: hrs 9:00	Code T	Personnel: Equipment: Shearwater transi	ts back to Oce	an City for demob	
C7. rsonnel: uipment: DD. From 00:00	Project Variation Off Ves DIARY OF EVEN To 9:00	ITS TODAY: hrs 9:00	Code T	Personnel: Equipment: Shearwater transi	ts back to Oce	an City for demob	
C7. rsonnel: uipment: DD. From 00:00	Project Variation Off Ves DIARY OF EVEN To 9:00	ITS TODAY: hrs 9:00	Code T	Personnel: Equipment: Shearwater transi	ts back to Oce	an City for demob	
rsonnel: uipment: DD. From 00:00	Project Variation Off Ves DIARY OF EVEN To 9:00	ITS TODAY: hrs 9:00	Code T	Personnel: Equipment: Shearwater transi	ts back to Oce	an City for demob	
C7. prsonnel: uipment: DD. From 00:00	Project Variation Off Ves DIARY OF EVEN To 9:00	ITS TODAY: hrs 9:00	Code T	Personnel: Equipment: Shearwater transi	ts back to Oce	an City for demob	
C7. rsonnel: uipment: DD. From 00:00	Project Variation Off Ves DIARY OF EVEN To 9:00	ITS TODAY: hrs 9:00	Code T	Personnel: Equipment: Shearwater transi	ts back to Oce	an City for demob	
C7. rsonnel: uipment: DD. From 00:00	Project Variation Off Ves DIARY OF EVEN To 9:00	ITS TODAY: hrs 9:00	Code T	Personnel: Equipment: Shearwater transi	ts back to Oce	an City for demob	

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			48:00	15:00	63:00		27.27
Transit	т			12:30	9:00	21:30		9.31
Calibrations	С			2:45		2:45		1.19
Operational	0			133:42		133:42		57.88
Weather Standby	W			4:15		4:15		1.84
Standby on Client	S							
Vessel Downtime	VD			1:15		1:15		0.54
Port Standby	PS							
Survey Downtime	SD			1:15		1:15		0.54
Maintenance time	MT			-		_		
Disputed Time	DT							
MMO Shutdown	MMO			3:18		3:18		1.43
			TOTAL	207:00	24:00	231:00		100.00%
Hrs. of [	Daily Operations	24	TOTAL			Check Value=	240.00	
	Survey Progres						210100	
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Shearwater Export Corric	dor			571.00	571.00	. Lucy run	571.00	100.00%
Additional Survey Lines				30.50	30.50		30.50	100.00%
				30.30	50.50		50.50	100.0070
	TOTALS:		TOTAL		601.50		601.50	
FF.		& Figures for Vesse		Crews and Clien		tives)	001.00	
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	3		3	
		Ships		& Abandon Ship	2		2	
				essel guided tour	4		4	
		Me	edical Treatment	/ First Aid Cases				
			Т	ool Box Meetings	38	4	42	
				Incident Reports				
			N	lear Miss Reports				
			Savety Observ	ation Card (SOB)	2	3	5	
			(	Observation Card				
				-				
GG.	No. of su VESSEL ROB's	rvey Man-Hours work	ed since start	of project or LTI.	3663:00	432:00	4095:00	
66.	VESSEE ROD'S	at 24.001115	Fu	el (T)	Lub	e Oil (L)	\ \	Water (T)
			14		Lub			
		ROB at 00:00 hrs						
		Consumed Today						
		,						
		Received today ROB at 24:00 hrs						
HH.	EVDECTED WE	ATHER NEXT 24 HI						
Harbor conditions								
II.		ROGRAM NEXT 24	HPS					
		getechnical mobilization						
	· · · _	COMMENTS: (Opt						
JJ. The Shearwater returned		emobilized the HRG equip		technical equipment	on board			
KK	DEDDESENTAT		(Ontional)					
KK.	REFRESENTAL	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
-	0 1,12	tool A				Re	in m	ile_
Jan	er wh	under						
[	Dan Whitesell					Keir Miller		
(5	Survey Party Chie	f)				(Client Representative)		
Vessel:	RV Sh	earwater	Project No:	178	3	Date:	01 Sej	ptember 2016
Client:	US	Wind	Location:	Ocean Ci Export Cable S	-	Report No.		010

<b>S</b> AK							DAILY REPORT
Vessel: Client: Location: Project:		RV Shearwater US Wind Ocean City, MD xport Cable Survey			Project No: Todays Date: Report No: Start Date:		1783 02 September 2016 11 23 August 2016
	All times are	EST		(GMT -	5:00	hrs)	
AA.		TION AT 24:00 HRS				-	
Description:	Quayside at USC	G Ocean City	Latitude:	38° 19 40.86		Longitude:	75° 05 29.22
BB.	WEATHER:						
Time	BAROM	WIND	)	WAVE	VISIB.	SKY	DEMADIZO
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside	
08:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside	
16:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside	
24:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside	
CC.	PERSONNEL &	EQUIPMENT:					
C1.	Alpine OSS Per						
Party Chief:	Dan Whitesell		Surveyor:	:			
Shift Supervisor:			Surveyor:	Cam Morissette			
Shift Supervisor:			Processor	r Brent Johnston			
C2.	Additional Pers	onnel					
Sharon Doake, Jack A	Allum, Sian Ponting						
	Client Densem	-1-					
C3.	Client Personne	91:					
Client Rep.	Keir Miller						
C4.	Personnel On B	oard:					
ALPINE:	7	CLIENT:	1	VESSEL:	6	OTHERS:	TOTAL 14
C5.	ALPINE'S Equip	oment:					
Vibracore rig	ALPINE'S Equip	oment:					
Vibracore rig Underwater camera rig	ALPINE'S Equip	oment:					
Vibracore rig	ALPINE'S Equip	oment:					
Vibracore rig Underwater camera rig Grab Sampler							
Vibracore rig Underwater camera rig	ALPINE'S Equip						
Vibracore rig Underwater camera rig Grab Sampler							
Vibracore rig Underwater camera rig Grab Sampler							
Vibracore rig Underwater camera rig Grab Sampler	Additional Equi		s of changes o	of personnel / e	quipment)		
Vibracore rig Underwater camera rig Grab Sampler C6.	Additional Equi	pment ns (include notices	of changes o	of personnel / e	quipment)	On Ve	ssel
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel:	Additional Equi	pment ns (include notices		of personnel / e	quipment) Olvido Herna		ssel
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith	pment ns (include notices ssel arcus Kwasek, Ben M	lanze	Personnel:	Olvido Herna	andez	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel:	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith	pment ns (include notices ssel	lanze		Olvido Herna	andez	ssel
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith	pment ns (include notices ssel arcus Kwasek, Ben M	lanze	Personnel:	Olvido Herna	andez	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment:	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an	lanze	Personnel:	Olvido Herna	andez	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment: DD.	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, M	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an	d SSS	Personnel:	Olvido Herna	andez	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment:	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an	lanze	Personnel:	Olvido Herna Vibracore sy	indez stem, envronmer	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment: DD. From	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N DIARY OF EVEN To	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an //BE, USBL, SBP an	d SSS Code	Personnel: Equipment:	Olvido Herna Vibracore sy	indez stem, envronmer	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment: DD. From	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N DIARY OF EVEN To	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an //BE, USBL, SBP an	d SSS Code	Personnel: Equipment:	Olvido Herna Vibracore sy	indez stem, envronmer	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment: DD. From	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N DIARY OF EVEN To	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an //BE, USBL, SBP an	d SSS Code	Personnel: Equipment:	Olvido Herna Vibracore sy	indez stem, envronmer	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment: DD. From	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N DIARY OF EVEN To	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an //BE, USBL, SBP an	d SSS Code	Personnel: Equipment:	Olvido Herna Vibracore sy	indez stem, envronmer	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment: DD. From	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N DIARY OF EVEN To	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an //BE, USBL, SBP an	d SSS Code	Personnel: Equipment:	Olvido Herna Vibracore sy	indez stem, envronmer	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment: DD. From	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N DIARY OF EVEN To	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an //BE, USBL, SBP an	d SSS Code	Personnel: Equipment:	Olvido Herna Vibracore sy	indez stem, envronmer	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment: DD. From	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N DIARY OF EVEN To	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an //BE, USBL, SBP an	d SSS Code	Personnel: Equipment:	Olvido Herna Vibracore sy	indez stem, envronmer	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment: DD. From	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N DIARY OF EVEN To	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an //BE, USBL, SBP an	d SSS Code	Personnel: Equipment:	Olvido Herna Vibracore sy	indez stem, envronmer	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment: DD. From	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N DIARY OF EVEN To	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an //BE, USBL, SBP an	d SSS Code	Personnel: Equipment:	Olvido Herna Vibracore sy	indez stem, envronmer	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment: DD. From	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N DIARY OF EVEN To	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an //BE, USBL, SBP an	d SSS Code	Personnel: Equipment:	Olvido Herna Vibracore sy	indez stem, envronmer	
Vibracore rig Underwater camera rig Grab Sampler C6. C7. Personnel: Mitchell Kennedy, Fel Equipment: DD. From	Additional Equi Project Variatio Off Ve Dario Manchia, M ix Smith Magnetometer, N DIARY OF EVEN To	pment ns (include notices ssel arcus Kwasek, Ben M //BE, USBL, SBP an //BE, USBL, SBP an	d SSS Code	Personnel: Equipment:	Olvido Herna Vibracore sy	indez stem, envronmer	

EE.	PROJECT DATA	<b>\:</b>						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			63:00	24:00	87:00		34.12
Transit	Т			21:30		21:30		8.43
Calibrations	С			2:45		2:45		1.08
Operational	0			133:42		133:42		52.43
Weather Standby	W			4:15		4:15		1.67
Standby on Client	S							
Vessel Downtime	VD			1:15		1:15		0.49
Port Standby	PS							
Survey Downtime	SD			1:15		1:15		0.49
Maintenance time	MT							
Disputed Time	DT			0.40		0.40		1.00
MMO Shutdown	MMO		TOTAL	3:18	24:00	3:18 255:00		1.29
Hrs of [	Daily Operations		TUTAL	231:00		255:00 Check Value=	264.00	100.00%
	Survey Progres			Culliu	alive nouis	Check value=	204.00	
Description	Survey riogres	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Shearwater Export Corrid	lor	Kill Leit	Alea	571.00	571.00	Touay Kill	571.00	100.00%
Additional Survey Lines				30.50	30.50		30.50	100.00%
, laanional oarroy Einoo				30.30	50.50		30.00	100.0070
	TOTALS:		TOTAL		601.50		601.50	
FF.		& Figures for Vesse		Crews and Client		ives)		
					Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	3		3	
		Ships	Drill, MOB, Fire	e & Abandon Ship	2		2	
			V	essel guided tour	4		4	
		Me	edical Treatment	t / First Aid Cases				
			Т	ool Box Meetings	42		42	
				Incident Reports				
			N	lear Miss Reports				
			Savety Observ	vation Card (SOB)	5		5	
				Observation Card				
				-				
		rvey Man-Hours work	ed since start	of project or LTI.	4095:00	336:00	4431:00	
GG.	VESSEL ROB's	at 24:00nrs	E	al (T)	Lube	e Oil (L)	1	Motor (T)
			Fu	el (T)	Lube		,	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	S:					
Tropical storm condition								
П.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
Weather downtime								
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
The HRG equipment was	demobilized and geo	technical and environmer	ntal equipment was	s brought aboard and	d mobilized for p	hase 2.		
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
						r		
	For ALPINE					For	US Wind	
$\overline{)}$	A 1 1	A				P	in m	
Van	iel WE	rutezel				10	ur m	the
	Den Millin II							
	Dan Whitesell	f)					Keir Mille	
	Survey Party Chie	t) earwater	Decident M	178	2		(Client Represe	ntative) ptember 2016
Vessel: Client:		earwater Wind	Project No: Location:			Date: Report No.	02 Se	011
Client:	03			Export Cable S	-	itepolitino.		<b>V</b> 11
1			Fiujeci:	Export Cable 3	uivey			

≫ HIN							DAILY REPORT	
Vessel:	:	RV Shearwater			Project No:		1783	
Client:		US Wind			Fodays Date:		03 September 2016	
Location:		Ocean City, MD			Report No:		12	
Project:	EX EX	port Cable Survey			Start Date:		23 August 2016	
	All times are	EST		(GMT -	5:00	hrs)		
AA.	VESSEL LOCAT	ION AT 24:00 HRS						
Description:	Quayside at USC	G Ocean City	Latitude:	38° 19 40.86		Longitude:	75° 05 29.22	
BB.	WEATHER:							
Time	BAROM	WIND	)	WAVE	VISIB.	SKY		
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMAR	KS
00:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
08:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
16:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
24:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
			· · · · · · · · · · · · · · · · · · ·				·	
CC.	PERSONNEL &							
C1.	Alpine OSS Pers	sonnel:						
	: Dan Whitesell			Olvidio Hernande	Z			
Navigator			Geotech					
Geotech			Geotech					
C2.	Additional Perso	onnel						
aron Doake, Jack	Allum, Sian Ponting							
C3.	Client Personne	1.						
Client Rep.	Keir Miller	1.						
Cilent Rep.								
C4.	Personnel On B	oard:						
ALPINE:	: 5	CLIENT:	1	VESSEL:	6	OTHERS:		TOTAL 12
ALPINE:	5	CLIENT:	1	VESSEL:	6	OTHERS:		TOTAL 12
C5.	ALPINE'S Equip		1	VESSEL:	6	OTHERS:		TOTAL 12
C5.			1	VESSEL:	6	OTHERS:		TOTAL 12
C5. racore rig			1	VESSEL:	6	OTHERS:		TOTAL 12
C5. racore rig derwater camera rig			1	VESSEL:	6	OTHERS:		TOTAL 12
C5. racore rig derwater camera rig b Sampler	ALPINE'S Equip	ment:	1	VESSEL:	6	OTHERS:		TOTAL 12
C5. racore rig derwater camera rig		ment:	1	VESSEL:	6	OTHERS:		TOTAL 12
C5. racore rig lerwater camera rig b Sampler	ALPINE'S Equip	ment:	1	VESSEL:	6	OTHERS:		TOTAL 12
C5. racore rig lerwater camera rig b Sampler	ALPINE'S Equip	ment:	1	VESSEL:	6	OTHERS:		TOTAL 12
C5. racore rig derwater camera rig b Sampler C6.	ALPINE'S Equip	oment				OTHERS:		
C5. racore rig derwater camera rig b Sampler	ALPINE'S Equip	oment oment ns (include notices				OTHERS:	ssel	
C5. racore rig derwater camera rig b Sampler C6. C7.	ALPINE'S Equip Additional Equip	oment oment ns (include notices					ssel	
C5. racore rig derwater camera rig ab Sampler C6. C7.	ALPINE'S Equip Additional Equip Project Variation Off Ves	oment oment ns (include notices		of personnel / eq			Ssel	
C5. racore rig derwater camera rig ab Sampler C6. C7. rsonnel:	ALPINE'S Equip Additional Equip Project Variation Off Ves	oment oment ns (include notices		of personnel / eq			ssel	
C5. racore rig derwater camera rig ab Sampler C6. C7. rsonnel:	ALPINE'S Equip Additional Equip Project Variation Off Ves	oment oment ns (include notices		of personnel / ec			SSEI	
C5. racore rig derwater camera rig ab Sampler C6. C7. rsonnel: uipment:	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel		of personnel / ec			ssel	
C5. racore rig derwater camera rig ab Sampler C6. C7. rsonnel: uipment:	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel	of changes of	of personnel / ec			ssel	
C5. racore rig derwater camera rig ib Sampler C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel ITS TODAY: hrs	of changes of Code	of personnel / ed Personnel: Equipment:	juipment)	On Ve		
C5. 'acore rig lerwater camera rig b Sampler C6. C7. rsonnel: uipment: DD.	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel	of changes of	of personnel / ed Personnel: Equipment:	juipment)	On Ve	ssel USCG dock in Ocean City,	
C5. acore rig lerwater camera rig b Sampler C6. C7. c7. c7. c7. c7. c7. c7. c7. c7. c7. c	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel ITS TODAY: hrs	of changes of Code	of personnel / ed Personnel: Equipment:	juipment)	On Ve		
C5. 'acore rig lerwater camera rig b Sampler C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel ITS TODAY: hrs	of changes of Code	of personnel / ed Personnel: Equipment:	juipment)	On Ve		
C5. acore rig lerwater camera rig b Sampler C6. C7. c7. c7. c7. c7. c7. c7. c7. c7. c7. c	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel ITS TODAY: hrs	of changes of Code	of personnel / ed Personnel: Equipment:	juipment)	On Ve		
C5. racore rig derwater camera rig ab Sampler C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel ITS TODAY: hrs	of changes of Code	of personnel / ed Personnel: Equipment:	juipment)	On Ve		
C5. racore rig derwater camera rig ab Sampler C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel ITS TODAY: hrs	of changes of Code	of personnel / ed Personnel: Equipment:	juipment)	On Ve		
C5. racore rig derwater camera rig ab Sampler C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel ITS TODAY: hrs	of changes of Code	of personnel / ed Personnel: Equipment:	juipment)	On Ve		
C5. racore rig derwater camera rig ab Sampler C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel ITS TODAY: hrs	of changes of Code	of personnel / ed Personnel: Equipment:	juipment)	On Ve		
C5. racore rig derwater camera rig ab Sampler C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel ITS TODAY: hrs	of changes of Code	of personnel / ed Personnel: Equipment:	juipment)	On Ve		
C5. racore rig derwater camera rig ab Sampler C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel ITS TODAY: hrs	of changes of Code	of personnel / ed Personnel: Equipment:	juipment)	On Ve		
C5. racore rig derwater camera rig ib Sampler C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip Additional Equip Project Variation Off Ves Brent Johnston	oment oment ns (include notices ssel ITS TODAY: hrs	of changes of Code	of personnel / ed Personnel: Equipment:	juipment)	On Ve		

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			87:00		87:00		31.18
Transit	т			21:30		21:30		7.71
Calibrations	С			2:45		2:45		0.99
Operational	0			133:42		133:42		47.92
Weather Standby	W			4:15	24:00	28:15		10.13
Standby on Client	S							
Vessel Downtime	VD			1:15		1:15		0.45
Port Standby								
Survey Downtime	SD			1:15		1:15		0.45
Maintenance time	MT			-		_		
Disputed Time	DT							
MMO Shutdown	MMO			3:18		3:18		1.18
			TOTAL	255:00	24:00	279:00		100.00%
Hrs. of [	Daily Operations	24				Check Value=	288.00	
	Survey Progres						200100	
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Shearwater Export Corric	dor			571.00	571.00		571.00	100.00%
Additional Survey Lines				30.50	30.50		30.50	100.00%
				30.30	50.50		50.50	100.0070
	TOTALS:		TOTAL		601.50		601.50	
FF.		& Figures for Vesse		Crews and Clien		tives)	001.50	
		s a rigules for vess		crews and chem				
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	3		3	
		Ships	s Drill, MOB, Fire	& Abandon Ship	2		2	
			V	essel guided tour	4		4	
		Me	edical Treatment	/ First Aid Cases				
				ool Box Meetings	42		42	
				Incident Reports				
			N	lear Miss Reports				
				ation Card (SOB)	5		5	
				Observation Card	0		5	
			· · · · · · · · · · · · · · · · · · ·					
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	4431:00	288:00	4719:00	
GG.	VESSEL ROB's					ł		
	•		Fu	el (T)	Lube	e Oil (L)	١	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HI	RS:					
Tropical strorm conditi	ions							
П.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
Weather standby								
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
The RV Shearwater is or	n weather standby due	e to foul weather condition	ns from tropical sto	rm Hermine.				
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	•							
			r					
	For ALPINE						US Wind	
	A	A				f	Zeir n	n
\h_	el WE	uterel)				10	er 1	alle
Jun	Dan Whitesal						Val- Mill	
	Dan Whitesell	£)					Keir Mille	
	Survey Party Chie		D	1=0	2		(Client Represe	
Vessel:		earwater	Project No:	178		Date:	03 Sej	ptember 2016
Client:	US	Wind	Location:	Ocean C Export Cable S		Report No.		012

<b>ş Al</b> r							DAILY REPORT
Vessel:		RV Shearwater			Ducie et Neu		1783
		US Wind		-	Project No:		
Client:					odays Date:		04 September 2016 13
Location:		Ocean City, MD			Report No:		
Project:	E)	cport Cable Survey			Start Date:		23 August 2016
	All times are	EST		(GMT -	5:00	hrs)	
AA.		TION AT 24:00 HRS:				I	
Description:	Quayside at USC	G Ocean City	Latitude:	38° 19 40.86		Longitude:	75° 05 29.22
BB.	WEATHER:						
Time	BAROM	WIND	)	WAVE	VISIB.	SKY	DEMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside	
08:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside	
16:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside	
24:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside	
	1						
CC.	PERSONNEL &						
C1.	Alpine OSS Per	sonnel:	-				
	Dan Whitesell			Olvidio Hernande	Z		
Navigator			Geotech				
Geotech			Geotech				
C2.	Additional Pers						
aron Doake, Jack /	Allum, Sian Ponting						
		•					
C3.	Client Personne	9I:					
Client Rep.	Keir Miller						
C4.	Personnel On B						
ALPINE:	5	CLIENT:	1	VESSEL:	6	OTHERS:	TOTAL 12
C5.	ALPINE'S Equip	ment:					
acore rig							
lerwater camera rig							
b Sampler							
o campioi							
C6.	Additional Equi	pment		I		1	
C7.	Project Variatio Off Ve	ns (include notices	of changes of	ot personnel / ec	uipment)	On Ve	
connel		3351		Personnel:		On ve	3301
sonnel:				i cisolillel.			
uipment:				Equipment:			
		170 705					
DD.							
From	То	hrs	Code		or io on	or otor albert - t th	USCG dock in Ocean City, MD
00:00	24:00	24:00	W			iei standby at the	
				1			

EE.	PROJECT DATA	<b>\:</b>						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			87:00		87:00		28.71
Transit	Т			21:30		21:30		7.10
Calibrations	С			2:45		2:45		0.91
Operational				133:42		133:42		44.13
Weather Standby	W			28:15	24:00	52:15		17.24
Standby on Client	S							
Vessel Downtime	VD			1:15		1:15		0.41
Port Standby	PS							
Survey Downtime	SD			1:15		1:15		0.41
Maintenance time	MT							
Disputed Time MMO Shutdown	DT MMO			3:18		3:18		1.09
WIWO Shuldown	IVIIVIO		TOTAL	279:00	24:00	303:00		100.00%
Hrs of [	Daily Operations	24	TOTAL			Check Value=	312.00	100.00 %
	Survey Progress			Guina		oncok value=	512.00	
Description	ourroy rrogroot	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Shearwater Export Corric	lor		71100	571.00	571.00	roddyran	571.00	100.00%
Additional Survey Lines				30.50	30.50		30.50	100.00%
,								
	TOTALS:		TOTAL	1	601.50		601.50	
FF.		& Figures for Vesse		Crews and Clien		tives)		
		, j	· · · · · ·		Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	3		3	
		Ships	s Drill, MOB, Fire	e & Abandon Ship	2		2	
			V	essel guided tour	4		4	
		Me	edical Treatment	t / First Aid Cases				
			Т	ool Box Meetings	42		42	
				Incident Reports				
				lear Miss Reports				
			Savety Observ	ation Card (SOB)	5		5	
			(	Observation Card				
				-				
GG.	VESSEL ROB's	rvey Man-Hours work	(ed since start (	of project or LII.	4719:00	288:00	5007:00	
66.	VESSEL RODS	at 24:00ms	Fu	el (T)	Lub	e Oil (L)		Water (T)
			Fu		Lub			
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HI						
Tropical strorm conditi								
	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
Weather standby								
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
The RV Shearwater is on				orm Hermine.				
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
$\sim$	0	1				6		
\ 2 -	V LAR	10000				14	eir N	lue
Jam	er wh	man						
	Dan Whitesell						Keir Mille	er
	Survey Party Chie						(Client Represe	· · · · · · · · · · · · · · · · · · ·
Vessel:		earwater	Project No:			Date:	04 Se	ptember 2016
Client:	US	Wind	Location:	Ocean C		Report No.		013
			Project:	Export Cable S	UIIVAV			

Vessel: Client: Location: Project:							DAILY REPOR	RT
Client: Location:								
Location:		RV Shearwater		-	Project No:		1783	
		US Wind			odays Date:		05 September 20 14	)16
Project:		Ocean City, MD			Report No:			_
	EX	port Cable Survey			Start Date:		23 August 201	6
	All times are	EST		(GMT -	5:00	hrs)		
		ION AT 24:00 HRS:		000 40 40 00			750 05 00 00	
Description:	Quayside at USCO	Ocean City	Latitude:	38° 19 40.86		Longitude:	75° 05 29.22	
BB.	WEATHER:							
Time	BAROM	WIND	)	WAVE	VISIB.	SKY	DEM	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REM	ARKS
00:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
08:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
16:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
24:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
•••	PERSONNEL & I							
	Alpine OSS Pers	ionnel:		Olvidio Llamand				
	Dan Whitesell			Olvidio Hernande	<u>-</u>			
Navigator			Geotech					
Geotech	Additional Perso	onnel	Geotech			l		
	Additional Perso							
ion Doake, back A	alam, olam onling							
C3.	<b>Client Personne</b>	l:						
	Keir Miller	-						
		Į						
C4.	Personnel On Bo	oard:						
ALPINE:	5	CLIENT:	1	VESSEL:	6	OTHERS:		TOTAL 12
C5.	ALPINE'S Equip	ment:						
icore rig								
erwater camera rig								
Sampler								
C6.	Additional Equip	oment						
C7.		ns (include notices	of changes o	f personnel / eq	uipment)			
	Off Ves	sel				On Ves	ssel	
sonnel:				Personnel:				
inment:				Equipmont				
ipment:				Equipment:				
	DIARY OF EVEN	ITS TODAY:		ł				
DD.	То	hrs	Code					
DD. From	24:00	24:00	W	The RV Shearwat	er is on weath	er standby at the l	JSCG dock in Ocean C	City, MD
From	۱ I							
From		i						
From								
From								
From								
From								
From								
From								
From								
From								

EE.	PROJECT DATA	:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			87:00		87:00		26.61
Transit	т			21:30		21:30		6.57
Calibrations	С			2:45		2:45		0.84
Operational	0			133:42		133:42		40.89
Weather Standby	W			52:15	24:00	76:15		23.32
Standby on Client	S							
Vessel Downtime				1:15		1:15		0.38
Port Standby				-		-		
Survey Downtime	SD			1:15		1:15		0.38
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO			3:18		3:18		1.01
			TOTAL	303:00	24:00	327:00		100.00%
Hrs. of I	Daily Operations					Check Value=	336.00	
	Survey Progress						000100	
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Shearwater Export Corrie	dor		7	571.00	571.00	. eddy i an	571.00	100.00%
Additional Survey Lines				30.50	30.50		30.50	100.00%
				50.50	30.50		00.00	100.0070
	TOTALS:		TOTAL		601.50	-	601.50	
FF.		& Figures for Vesse		Crows and Client		ivos)	01.50	
гг.	SALLIT (Details	a rigules for vesse	er and Survey (			ives)		[
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	3		3	
		Shine		e & Abandon Ship	2		2	
		Onipe		essel guided tour	4		4	
		Ma		t / First Aid Cases	4		4	
		IVIE			10		40	
			I	ool Box Meetings	42		42	
				Incident Reports				
				lear Miss Reports				
			-	vation Card (SOB)	5		5	
				Observation Card				
				-				
	VESSEL ROB's	vey Man-Hours work	ted since start	of project or LII.	5007:00	288:00	5295:00	
GG.	VESSEL RUDS	at 24:00115	Eu	el (T)	Lub	e Oil (L)		Notor (T)
			Fu		Lube			Water (T)
		DOD -4.00-00 has						
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH. Tropical strorm condit			(3:					
		ROGRAM NEXT 24	LIDC.					
Weather standby	ANTIGIPATEDP		fiito.					
,	PARTY CHIEF'S	COMMENTS: (Opti	ional)					
The RV Shearwater is or				rm Hermine.				
	,							
КК.	DEDDESENTAT	VE'S COMMENTS:	(Ontional)					
<u> </u>	REFRESENTATI	VE 3 COMMENTS.	(Optional)					
	For ALPINE					For	US Wind	
	FUI ALFINE					,		
$\overline{)}$	0 1 11	A				P.	in m	
Jan	rel WE	nutezel				100	er m	ale
	Den 14/1-14	-					Main Mill	~
	Dan Whitesell	6)					Keir Mille	
	Survey Party Chie		<b>D</b>		•		(Client Represe	
Vessel:			Project No:			Date:	05 Sej	ptember 2016
Client:	US	Wind	Location:			Report No.		014
1			Project:	Export Cable S	urvev			

<b>\$</b> Alr	DINE A GARDLINE COMPANY						DAILY REPOR	RT
Vessel: Client: Location:		RV Shearwater US Wind Ocean City, MD			Project No: Fodays Date: Report No:		1783 06 September 20 15	
Project:		port Cable Survey		(01/7	Start Date:		23 August 2016	3
	All times are	EST		(GMT -	5:00	hrs)		
AA. Description:	Quayside at USCG	ON AT 24:00 HRS Ocean City		38° 19 40.86		Longitude:	75° 05 29.22	
BB.	WEATHER:							
Time	BAROM	WIND	)	WAVE	VISIB.	SKY	REM	ARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS		
00:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
08:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
16:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
24:00	Quayside	Quayside	Quayside	Quayside	Quayside	Quayside		
CC.	PERSONNEL & E	EQUIPMENT:						
C1.	Alpine OSS Pers		1			1		
	William Rottner			Rob Vietri				
	Ovidio Hernandez			Mitch Kennedy				
Scientist - Camera			PSOs	Sharon Doake / S	ian Ponting			
C2. S- Mike Phillips, St	Additional Perso	linei						
C3.	<b>Client Personnel</b>	:						
Client Rep.						No rep onboard		
C4. ALPINE:	Personnel On Bo	oard: CLIENT:	1	I		T	Г — Г	
ALFINE.				VECCEL	E	OTUEDO.	2	
	1	GLIENT		VESSEL:	5	OTHERS:	2	TOTAL 14
C5.	I I			VESSEL:	5	OTHERS:	2	TOTAL 14
	ALPINE'S Equipr			VESSEL:	5	OTHERS:	2	TOTAL 14
C5. DRE	I I			VESSEL:	5	OTHERS:	2	TOTAL 14
C5. ORE MERA	I I			VESSEL:	5	OTHERS:		TOTAL 14
C5. ORE MERA	ALPINE'S Equipr	nent:		VESSEL:	5	OTHERS:		
C5. DRE MERA	I I	nent:		VESSEL:	5	OTHERS:		
C5. DRE MERA AB	ALPINE'S Equipr	nent:		VESSEL:	5	OTHERS:		
C5. DRE MERA AB C6.	ALPINE'S Equip	ment:				OTHERS:		
C5. DRE MERA AB	ALPINE'S Equipr Additional Equip	ment: ment s (include notices						
C5. DRE MERA AB C6. C7.	ALPINE'S Equip	ment: ment s (include notices		of personnel / eq	uipment)	On Ves	ssel	
C5. DRE MERA AB C6. C7.	ALPINE'S Equipr Additional Equip	ment: ment s (include notices		of personnel / eq Personnel:	uipment) W. Rottner, R	On Ves . Vietri, M. Kenne	ssel	
C5. ORE MERA AB C6. C7. rsonnel:	ALPINE'S Equipr Additional Equip	ment: ment s (include notices		of personnel / eq	uipment) W. Rottner, R	On Ves . Vietri, M. Kenne	ssel	
C5. ORE MERA AB C6. C7. rsonnel:	ALPINE'S Equipr Additional Equip	ment: ment s (include notices		f personnel / eq Personnel: ESS - Mike Phillig	uipment) W. Rottner, R	On Ves . Vietri, M. Kenne	ssel	
C5. ORE MERA AB C6. C7. rsonnel: uipment:	ALPINE'S Equipr Additional Equip Project Variation Off Ves	ment: ment s (include notices sel		f personnel / eq Personnel: ESS - Mike Phillig	uipment) W. Rottner, R	On Ves . Vietri, M. Kenne	ssel	
C5. DRE MERA AB C6. C7. rsonnel: uipment: DD.	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN	ment: ment s (include notices sel TS TODAY:	of changes c	f personnel / eq Personnel: ESS - Mike Phillig	uipment) W. Rottner, R	On Ves . Vietri, M. Kenne	ssel	
C5. DRE MERA AB C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: ment s (include notices sel TS TODAY: hrs	of changes c	of personnel / equipment:	uipment) W. Rottner, R os, Stephanie I	On Ve 2. Vietri, M. Kenno Martin;	ssel edy, M.Porter	
C5. DRE MERA AB C6. C7. rsonnel: uipment:	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN	ment: ment s (include notices sel TS TODAY:	of changes c	of personnel / equipment:	uipment) W. Rottner, R os, Stephanie I	On Ve 2. Vietri, M. Kenno Martin;	ssel	
C5. ORE MERA AB C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: ment s (include notices sel TS TODAY: hrs	of changes c	of personnel / equipment:	uipment) W. Rottner, R os, Stephanie I	On Ve 2. Vietri, M. Kenno Martin;	ssel edy, M.Porter	
C5. DRE MERA AB C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: ment s (include notices sel TS TODAY: hrs	of changes c	of personnel / equipment:	uipment) W. Rottner, R os, Stephanie I	On Ve 2. Vietri, M. Kenno Martin;	ssel edy, M.Porter	
C5. DRE MERA AB C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: ment s (include notices sel TS TODAY: hrs	of changes c	of personnel / equipment:	uipment) W. Rottner, R os, Stephanie I	On Ve 2. Vietri, M. Kenno Martin;	ssel edy, M.Porter	
C5. ORE MERA AB C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: ment s (include notices sel TS TODAY: hrs	of changes c	of personnel / equipment:	uipment) W. Rottner, R os, Stephanie I	On Ve 2. Vietri, M. Kenno Martin;	ssel edy, M.Porter	
C5. ORE MERA AB C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: ment s (include notices sel TS TODAY: hrs	of changes c	of personnel / equipment:	uipment) W. Rottner, R os, Stephanie I	On Ve 2. Vietri, M. Kenno Martin;	ssel edy, M.Porter	
C5. ORE MERA AB C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: ment s (include notices sel TS TODAY: hrs	of changes c	of personnel / equipment:	uipment) W. Rottner, R os, Stephanie I	On Ve 2. Vietri, M. Kenno Martin;	ssel edy, M.Porter	
C5. ORE MERA AB C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: ment s (include notices sel TS TODAY: hrs	of changes c	of personnel / equipment:	uipment) W. Rottner, R os, Stephanie I	On Ve 2. Vietri, M. Kenno Martin;	ssel edy, M.Porter	
C5. ORE MERA AB C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: ment s (include notices sel TS TODAY: hrs	of changes c	of personnel / equipment:	uipment) W. Rottner, R os, Stephanie I	On Ve 2. Vietri, M. Kenno Martin;	ssel edy, M.Porter	
C5. DRE MERA AB C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: ment s (include notices sel TS TODAY: hrs	of changes c	of personnel / equipment:	uipment) W. Rottner, R os, Stephanie I	On Ve 2. Vietri, M. Kenno Martin;	ssel edy, M.Porter	
C5. DRE MERA AB C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equipr Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: ment s (include notices sel TS TODAY: hrs	of changes c	of personnel / equipment:	uipment) W. Rottner, R os, Stephanie I	On Ve 2. Vietri, M. Kenno Martin;	ssel edy, M.Porter	

EE.	PROJECT DATA	<b>\:</b>						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			87:00		87:00		24.79
Transit	т			21:30		21:30		6.13
Calibrations	С			2:45		2:45		0.78
Operational	0			133:42		133:42		38.09
Weather Standby	W			76:15	24:00	100:15		28.56
Standby on Client	S							
Vessel Downtime	VD			1:15		1:15		0.36
Port Standby	PS							
Survey Downtime	SD			1:15		1:15		0.36
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO			3:18		3:18		0.94
			TOTAL	327:00	24:00	351:00		100.00%
Hrs. of L	Daily Operations	24			lative Hours	Check Value=	360.00	
	Survey Progress							
Description	, ,	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
		-571.00			571.00	,	571.00	· · · ·
		-30.50			30.50		30.50	
	TOTALS:	-601.50	TOTAL		601.50		601.50	
FF.		& Figures for Vesse		Crews and Client		ives)		
			, , , , , , , , , , , , , , , , , , ,		Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	3	1	4	
		Ships		e & Abandon Ship	2	1	3	
			V	essel guided tour	4	1	5	
		Me	edical Treatment	t / First Aid Cases				
				ool Box Meetings	42		42	
				Incident Reports	12		12	
			Ν	lear Miss Reports				
				vation Card (SOB)	5		5	
			-	Observation Card	0		0	
				-				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	5295:00	336:00	5631:00	
GG.	VESSEL ROB's							
			Fu	el (T)	Lube	e Oil (L)	N	Water (T)
				. ,				
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HR	RS:					
4-5' Seas Wind from N	NW at 10-20							
П.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
4-5' down to 4'								
		COMMENTS: (Opti						
Preparing for a 1300hr de	eparture at hig h tide 9	.7.2016. Safety meeting	for general safety	for ESS and new Alp	oine Crew upon a	arrival.		
KK.	REPRESENTAT	VE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
,	,					6		
	/					1Ce	~ mi	lle
<	^	<u> </u>						
	William Rottner							
(5	Survey Party Chie						(Client Represe	
Vessel:		earwater	Project No:			Date:	06 Sej	ptember 2016
Client:	US	Wind	Location:			Report No.		015
			Proiect:	Export Cable S	urvev			

	DINE A GARDLINE COMPANY						DAILY REPO	RT
							1700	
Vessel:		RV Shearwater US Wind		-	Project No		1783	
Client:				I	odays Date		07 September 2 16	016
Location:		Ocean City, MD			Report No			<b>C</b>
Project:	EX	port Cable Survey			Start Date		23 August 201	0
	All times are	EST		(GMT -	5:00	hrs)		
AA.		ION AT 24:00 HRS:						
Description:	Near A03		Latitude	2 38. 3540.257		Longitude:	075.0304.259	
BB.	WEATHER:							
Time	BAROM	WIND		WAVE	VISIB.	SKY	DEM	IARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS		IAINIS
00:00		10	NW	1.5		clear		
08:00		10	NW	1.5				
16:00		10	W	1				
24:00		10	NW	1				
CC.	PERSONNEL & E							
C1.	Alpine OSS Pers							
Party Chief:	William Rottner		Surveyor	r: Rob Vietri				
	Ovidio Hernandez		Geotech	: Mitch Kennedy				
	Jack Allum			s Sharon Doake / Si	ian Ponting			
C2.	Additional Perso	onnel			-	<u> </u>		
C4.	Personnel On Bo							
C4. ALPINE:	Personnel On Bo 4	oard: CLIENT:	1	VESSEL:	6	OTHERS:	5	TOTAL 16
ALPINE:		CLIENT:	1	VESSEL:	6	OTHERS	5	TOTAL 16
ALPINE:	4	CLIENT:	1	VESSEL:	6	OTHERS:	5	TOTAL 16
ALPINE:	4	CLIENT:	1	VESSEL:	6	OTHERS:	5	TOTAL 16
ALPINE:	4 ALPINE'S Equip	CLIENT:	1	VESSEL:	6	OTHERS:	5	TOTAL 16
ALPINE:	4	CLIENT:	1	VESSEL:	6	OTHERS:	5	TOTAL 16
ALPINE: C5.	4 ALPINE'S Equip	CLIENT:	1	VESSEL:	6	OTHERS:	5	TOTAL 16
ALPINE: C5. C6.	4 ALPINE'S Equip	CLIENT: ment: oment				OTHERS:	5	TOTAL 16
ALPINE: C5.	4 ALPINE'S Equip Additional Equip Project Variation Off Ves	CLIENT: ment: oment ns (include notices		of personnel / eq	uipment)	On Ves		TOTAL 16
ALPINE: C5. C6. C7.	4 ALPINE'S Equip	CLIENT: ment: oment ns (include notices		of personnel / eq		On Ves		TOTAL 16
C5. C6. C7.	4 ALPINE'S Equip Additional Equip Project Variation Off Ves	CLIENT: ment: oment ns (include notices		of personnel / eq	uipment)	On Ves		TOTAL 16
C5. C6. C7.	4 ALPINE'S Equip Additional Equip Project Variation Off Ves	CLIENT: ment: oment ns (include notices		of personnel / equipersonnel / equipersonnel:	uipment)	On Ves		TOTAL 16
C5. C6. C7. connel:	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher	CLIENT: ment: poment ns (include notices issel		of personnel / equipersonnel / equipersonnel:	uipment)	On Ves		
C5. C6. C7.	4 ALPINE'S Equip Additional Equip Project Variation Off Ves	CLIENT: ment: poment ns (include notices issel		of personnel / equipersonnel / equipersonnel:	uipment)	On Ves		
C5. C6. C7. C7. omnel: oment:	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher DIARY OF EVEN	CLIENT: ment: poment ns (include notices sel TS TODAY:	of changes of	of personnel / equipersonnel / equipersonnel:	uipment)	On Ves		TOTAL 16
C5. C6. C7. C7. C7. Dment: DD. From 0:00	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher DIARY OF EVEN To	CLIENT: ment: oment oment ns (include notices sel TS TODAY: hrs 13:00	of changes of Code	of personnel / equipment:	uipment) Keir Miller,M	On Ves		
ALPINE: C5. C6. C7. onnel: oment: DD. From 0:00 13:30	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher DIARY OF EVEN To 13:00 17:18	CLIENT: ment: oment oment ns (include notices isel TS TODAY: hrs 13:00 3:48	of changes of changes of Code	of personnel / eq Personnel: Equipment: Weather standby Transit to A03 fror	uipment) Keir Miller,M	On Ves	sel	
ALPINE: C5. C6. C7. onnel: oment: DD. From 0:00 13:30 17:18	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher DIARY OF EVEN To 13:00 17:18 18:18	CLIENT: ment: oment oment ns (include notices isel TS TODAY: hrs 13:00 3:48 1:00	of changes of changes of Code W T MMO	of personnel / equipment:	uipment) Keir Miller,M	On Ves	sel	
ALPINE: C5. C6. C7. c7. c7. c7. c7. c7. c7. c7. c	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher DIARY OF EVEN To 13:00 17:18 18:18 19:40	CLIENT: ment: oment oment ns (include notices asel TS TODAY: hrs 13:00 3:48 1:00 1:22	of changes of changes of Code W T MMO O	of personnel / equipment: Equipment: Weather standby Transit to A03 fror PSO's observed d Set up and took A	uipment) Keir Miller,M m OC, MD olphin near A 03 Chemical	On Ves On Ves like Porter .03 stopped work for core	ssel	
ALPINE: C5. C6. C7. onnel: oment: DD. From 0:00 13:30 17:18	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher DIARY OF EVEN To 13:00 17:18 18:18	CLIENT: ment: oment oment ns (include notices isel TS TODAY: hrs 13:00 3:48 1:00	of changes of changes of Code W T MMO	of personnel / equipment: Equipment: Weather standby Transit to A03 fror PSO's observed d Set up and took A	uipment) Keir Miller,M m OC, MD olphin near A 03 Chemical	On Ves	ssel	
ALPINE: C5. C6. C7. c7. c7. c7. c7. c7. c7. c7. c	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher DIARY OF EVEN To 13:00 17:18 18:18 19:40	CLIENT: ment: oment oment ns (include notices asel TS TODAY: hrs 13:00 3:48 1:00 1:22	of changes of changes of Code W T MMO O	of personnel / equipment: Equipment: Weather standby Transit to A03 fror PSO's observed d Set up and took A	uipment) Keir Miller,M m OC, MD olphin near A 03 Chemical	On Ves On Ves like Porter .03 stopped work for core	ssel	
ALPINE: C5. C6. C7. c7. c7. c7. c7. c7. c7. c7. c	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher DIARY OF EVEN To 13:00 17:18 18:18 19:40	CLIENT: ment: oment oment ns (include notices asel TS TODAY: hrs 13:00 3:48 1:00 1:22	of changes of changes of Code W T MMO O	of personnel / equipment: Equipment: Weather standby Transit to A03 fror PSO's observed d Set up and took A	uipment) Keir Miller,M m OC, MD olphin near A 03 Chemical	On Ves On Ves like Porter .03 stopped work for core	ssel	
ALPINE: C5. C6. C7. onnel: pment: DD. From 0:00 13:30 17:18 18:18	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher DIARY OF EVEN To 13:00 17:18 18:18 19:40	CLIENT: ment: oment oment ns (include notices asel TS TODAY: hrs 13:00 3:48 1:00 1:22	of changes of changes of Code W T MMO O	of personnel / equipment: Equipment: Weather standby Transit to A03 fror PSO's observed d Set up and took A	uipment) Keir Miller,M m OC, MD olphin near A 03 Chemical	On Ves On Ves like Porter .03 stopped work for core	ssel	
ALPINE: C5. C6. C7. onnel: pment: DD. From 0:00 13:30 17:18 18:18	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher DIARY OF EVEN To 13:00 17:18 18:18 19:40	CLIENT: ment: oment oment ns (include notices asel TS TODAY: hrs 13:00 3:48 1:00 1:22	of changes of changes of Code W T MMO O	of personnel / equipment: Equipment: Weather standby Transit to A03 fror PSO's observed d Set up and took A	uipment) Keir Miller,M m OC, MD olphin near A 03 Chemical	On Ves On Ves like Porter .03 stopped work for core	ssel	
ALPINE: C5. C6. C7. onnel: pment: DD. From 0:00 13:30 17:18 18:18	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher DIARY OF EVEN To 13:00 17:18 18:18 19:40	CLIENT: ment: oment oment ns (include notices asel TS TODAY: hrs 13:00 3:48 1:00 1:22	of changes of changes of Code W T MMO O	of personnel / equipment: Equipment: Weather standby Transit to A03 fror PSO's observed d Set up and took A	uipment) Keir Miller,M m OC, MD olphin near A 03 Chemical	On Ves On Ves like Porter .03 stopped work for core	ssel	
ALPINE: C5. C6. C7. onnel: pment: DD. From 0:00 13:30 17:18 18:18	4 ALPINE'S Equips Additional Equip Project Variation Off Ves Sean Kelleher DIARY OF EVEN To 13:00 17:18 18:18 19:40	CLIENT: ment: oment oment ns (include notices asel TS TODAY: hrs 13:00 3:48 1:00 1:22	of changes of changes of Code W T MMO O	of personnel / equipment: Equipment: Weather standby Transit to A03 fror PSO's observed d Set up and took A	uipment) Keir Miller,M m OC, MD olphin near A 03 Chemical	On Ves On Ves like Porter .03 stopped work for core	ssel	

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			87:00		87:00	I	23.23
Transit	Т			21:30	3:48	25:18		6.76
Calibrations	С			2:45		2:45		0.73
Operational	0			133:42	1:22	135:04		36.07
Weather Standby	w			100:15	13:00	113:15		30.24
Standby on Client								
Vessel Downtime				1:15		1:15		0.33
Port Standby								
Survey Downtime				1:15	4:20	5:35		1.49
Maintenance time				-				-
Disputed Time								
MMO Shutdown	MMO			3:18	1:00	4:18		1.15
		Į	TOTAL	351:00	23:30	374:30		100.00%
Hrs. of L	Daily Operations					Check Value=	384.00	·
	Survey Progress							
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
•		-571.00			571.00		571.00	
		-30.50			30.50		30.50	
			ĺ		00.01		00.00	
			ĺ					
	TOTALS:	-601.50	TOTAL		601.50		601.50	
FF.		& Figures for Vesse		Crews and Client		ives)	001100	
					Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	4	1	5	
		Ships		e & Abandon Ship	3		3	
				/essel guided tour	5		5	
		Me		t / First Aid Cases				
				Tool Box Meetings	42	1	43	
				Incident Reports				
			Ν	Near Miss Reports				
				vation Card (SOB)	5		5	
			-	Observation Card	-		-	
				-				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	5655:00	376:00	6031:00	1
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	iel (T)	Lube	e Oil (L)	1	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE/	ATHER NEXT 24 HR	≀S:					
Π.	ANTICIPATED P	PROGRAM NEXT 24	HRS:					
		COMMENTS: (Opti						
								pped for the day we adjusted of while I go ashore to acquire
a new valve.	w us to replace a valu		. Tomorrow morri	ing we will start cond	lucting video and	diab samples. No	b vietri wili Farty Chie	i while i go ashore to acquire
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
			r					
	For ALPINE					-	US Wind	
/	/					6	in me	
	/L					1Ce	in mi	lle
	William Rottner						Keir Mille	
	Survey Party Chie						(Client Represe	
Vessel:		nearwater	Project No:			Date:	07 Sep	ptember 2016
Client:	US	5 Wind	Location:			Report No.		016
			Project:	Export Cable S	urvey			

<b>s Al</b> r	A GARDLINE COMPANY						DAILY REP	ORT
Vessel: Client: Location:		RV Shearwater US Wind Ocean City, MD		Т	Project No odays Date Report No	e: D:	1783 08 September 17	
Project:		port Cable Survey		(01)	Start Date		23 August 2	016
	All times are	E31		(GMT -	5:00	hrs)		
AA.		ION AT 24:00 HRS						
Description:	Near A03		Latitude	: 38.3531.313		Longitude:	075.0305.739	
BB.	WEATHER:							
Time	BAROM	WIND	1	WAVE	VISIB.	SKY	RE	EMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS		
00:00		5-10		1		Clear		
08:00		10		1				
16:00 24:00		10 5-10		1.5 1				
∠4.00		01-6						
CC.	PERSONNEL &	EQUIPMENT:						
C1.	Alpine OSS Pers	sonnel:						
	William Rottner		-	: Rob Vietri				
	Ovidio Hernandez			Mitch Kennedy				
	Jack Allum		PSOs	Sharon Doake / Si	an Ponting			
C2.	Additional Perso	onnel						
S- Mike Phillips, St	tephanie Martin							
		•						
C3.	Client Personne	1:						
Client Rep.	Keir Miller							
C4.	Personnel On B	oard:						
ALPINE:		CLIENT:	1	VESSEL:	6	OTHERS:	5	TOTAL 16
					-			
C5.	ALPINE'S Equip	ment:		· · · · ·			· · · · · · · · · · · · · · · · · · ·	
mera	ALPINE'S Equip	ment:						
mera racore	ALPINE'S Equip	ment:						
mera racore	ALPINE'S Equip	ment:						
mera racore ab	· · · · · · · · · · · · · · · · · · ·							
mera racore	ALPINE'S Equip							
mera racore ab	· · · · · · · · · · · · · · · · · · ·							
mera racore ab	· · · · · · · · · · · · · · · · · · ·							
mera racore ab	Additional Equip	oment ns (include notices	s of changes (	of personnel / equ	uipment)			
mera racore ab C6. C7.	Additional Equip Project Variation Off Ve:	oment ns (include notices	s of changes of		Jipment)	On Ves	ssel	
mera racore ab C6. C7.	Additional Equip	oment ns (include notices	s of changes of	of personnel / equipersonnel -	uipment)	On Ves	ssel	
mera racore ab C6. C7. rsonnel:	Additional Equip Project Variation Off Ve:	oment ns (include notices	s of changes of	Personnel:	uipment)	On Ves	ssel	
mera racore ab C6.	Additional Equip Project Variation Off Ve:	oment ns (include notices	s of changes of		uipment)	On Ves	ssel	
mera rracore ab C6. C7. rsonnel:	Additional Equip Project Variation Off Ve:	oment ns (include notices	s of changes of	Personnel:	uipment)	On Ves	ssel	
mera racore ab C6. C7. rsonnel:	Additional Equip Project Variation Off Ve:	oment ns (include notices ssel	s of changes of	Personnel:	uipment)	On Ves	ssel	
mera racore ab C6. C7. rsonnel: uipment:	Additional Equip Project Variation Off Ves William Rottner	oment ns (include notices ssel	s of changes of Code	Personnel:	uipment)	On Ves	ssel	
mera racore bb C6. C7. rsonnel: uipment: DD.	Additional Equip Project Variation Off Ver William Rottner	oment ns (include notices ssel ITS TODAY:		Personnel:	uipment)	On Ves	ssel	
mera racore bb C6. C7. rsonnel: uipment: DD. From	Additional Equip Project Variation Off Ver William Rottner DIARY OF EVEN To	oment ns (include notices ssel ITS TODAY: hrs	Code	Personnel: Equipment:	uipment)	On Ves	ssel	
mera racore bb C6. C7. rsonnel: uipment: DD. From 0:00	Additional Equip Project Variation Off Ves William Rottner DIARY OF EVEN To 7:00	oment  Its TODAY:  hrs  7:00	Code SD	Personnel: Equipment:			ssel	
mera racore b C6. C7. rsonnel: uipment: DD. From 0:00 7:00	Additional Equip Project Variation Off Ves William Rottner DIARY OF EVEN To 7:00 10:30	oment  Its TODAY:  hrs  7:00  3:30	Code SD O	Personnel: Equipment: overnight Video and Grab			ssel	
mera racore b C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 10:30	Additional Equip Project Variation Off Ve: William Rottner DIARY OF EVEN To 7:00 10:30 10:35	oment ns (include notices ssel ITS TODAY: hrs 7:00 3:30 0:05	Code SD O VD	Personnel: Equipment: overnight Video and Grab W. Rottner Picked			ssel	
mera racore ab C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 10:30 10:35	Additional Equip Project Variation Off Ves William Rottner DIARY OF EVEN To 7:00 10:30 10:35 20:00	oment ns (include notices ssel ITS TODAY: hrs 7:00 3:30 0:05	Code SD O VD	Personnel: Equipment: overnight Video and Grab W. Rottner Picked			ssel	
mera racore ab C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 10:30 10:35	Additional Equip Project Variation Off Ves William Rottner DIARY OF EVEN To 7:00 10:30 10:35 20:00	oment ns (include notices ssel ITS TODAY: hrs 7:00 3:30 0:05	Code SD O VD	Personnel: Equipment: overnight Video and Grab W. Rottner Picked			ssel	
mera racore ab C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 10:30 10:35	Additional Equip Project Variation Off Ves William Rottner DIARY OF EVEN To 7:00 10:30 10:35 20:00	oment ns (include notices ssel ITS TODAY: hrs 7:00 3:30 0:05	Code SD O VD	Personnel: Equipment: overnight Video and Grab W. Rottner Picked			ssel	
mera rracore ab C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 10:30 10:35	Additional Equip Project Variation Off Ves William Rottner DIARY OF EVEN To 7:00 10:30 10:35 20:00	oment ns (include notices ssel ITS TODAY: hrs 7:00 3:30 0:05	Code SD O VD	Personnel: Equipment: overnight Video and Grab W. Rottner Picked			ssel	
mera racore ab C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 10:30 10:35	Additional Equip Project Variation Off Ves William Rottner DIARY OF EVEN To 7:00 10:30 10:35 20:00	oment ns (include notices ssel ITS TODAY: hrs 7:00 3:30 0:05	Code SD O VD	Personnel: Equipment: overnight Video and Grab W. Rottner Picked				
mera racore ab C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 10:30 10:35	Additional Equip Project Variation Off Ves William Rottner DIARY OF EVEN To 7:00 10:30 10:35 20:00	oment ns (include notices ssel ITS TODAY: hrs 7:00 3:30 0:05	Code SD O VD	Personnel: Equipment: overnight Video and Grab W. Rottner Picked			ssel	
mera racore ab C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 10:30 10:35	Additional Equip Project Variation Off Ves William Rottner DIARY OF EVEN To 7:00 10:30 10:35 20:00	oment ns (include notices ssel ITS TODAY: hrs 7:00 3:30 0:05	Code SD O VD	Personnel: Equipment: overnight Video and Grab W. Rottner Picked			ssel	

EE.	PROJECT DATA	.:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			87:00		87:00		22.05
Transit	т			25:18		25:18		6.41
Calibrations	С			2:45		2:45		0.70
Operational	0			135:04	12:55	147:59		37.51
Weather Standby	W			113:15		113:15		28.71
Standby on Client	S			110.10		110.10		20.11
Vessel Downtime	VD			1.15	0:05	1.20		0.34
				1:15	0:05	1:20		0.34
Port Standby	PS							
Survey Downtime	SD			5:35	7:00	12:35		3.19
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO			4:18		4:18		1.09
			TOTAL	374:30	20:00	394:30		100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	408.00	
E2.	Survey Progress	s:						
scription		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
		-571.00			571.00		571.00	
		-30.50			30.50		30.50	
	TOTALS:	-601.50	TOTAL		601.50		601.50	
FF.		& Figures for Vesse	-	Crows and Client		ives)	001.30	
FF.	SAFETT (Details	a rigules for vesse	and Survey (			ives)		
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	5		5	
		Shina		& Abandon Ship			3	
		Ships		-	3			
				essel guided tour	5		5	
		Me		t / First Aid Cases				
			Т	ool Box Meetings	43		43	
				Incident Reports				
			N	lear Miss Reports				
			Savety Observ	ation Card (SOB)	5		5	
				Observation Card				
				-				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	6031:00	320:00	6351:00	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	el (T)	Lub	e Oil (L)	W	ater (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
		ATHER NEXT 24 HR	S:		•			
HH.	EXPECTED WE							
HH.	EXPECTED WE							
		ROGRAM NEXT 24	HRS:					
			HRS:					
11.	ANTICIPATED P	ROGRAM NEXT 24						
II. JJ.	ANTICIPATED P	ROGRAM NEXT 24 COMMENTS: (Opti	onal)	s This leaves us with	10 more total lo	ocations left to do rec	arding Camera and Be	nthic grabs. Tomorrow
II. JJ. a have ended the day u prning we will finish offs	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati	ROGRAM NEXT 24	onal) re the rocky areas					
II. JJ. e have ended the day v ming we will finish offs i-A-02	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a	onal) re the rocky areas					
II. JJ. a have ended the day v rning we will finish offs -A-02 G-A-04	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a	onal) re the rocky areas					
II. JJ. have ended the day v rning we will finish offs -A-02 -A-04 -A-05	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a	onal) re the rocky areas					
II. JJ. e have ended the day of rning we will finish offs -A-02 -A-04 -A-05 -A-05 -A-06 -A-07	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a	onal) re the rocky areas					
JJ.           bave ended the day v           rning we will finish offs           -A-02           -A-04           -A-05           -A-06           -A-07           -A-09	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a	onal) re the rocky areas					
II. JJ. a have ended the day of ming we will finish offs -A-02 -A-04 -A-05 -A-05 -A-05 -A-07 -A-07 -A-09 -A-11	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a	onal) re the rocky areas					
JJ.           b have ended the day orming we will finish offs           3-A-02           3-A-04           3-A-05           3-A-06           3-A-07           3-A-08           3-A-103           3-A-11           3-A-15	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a	onal) re the rocky areas					
JJ.           b ave ended the day operation           yrning we will finish offs           3-A-02           3-A-04           3-A-05           3-A-06           3-A-07           3-A-09           3-A-13           3-A-14	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a	onal) re the rocky areas					
JJ.           b ave ended the day vorming we will finish offs           3-A-02           3-A-05           3-A-05           3-A-06           3-A-07           3-A-09           3-A-11           3-A-13           3-A-13           3-A-13           3-A-14	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a	onal) re the rocky areas					
JJ.           a have ended the day v           pring we will finish offs           3-A-02           3-A-02           3-A-03           3-A-05           3-A-06           3-A-07           3-A-07           3-A-13           3-A-15           cky Location_4           cky Location_1           3-A-16	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a	onal) re the rocky areas					
JJ.           b have ended the day v           pring we will finish offs           3-A-02           3-A-02           3-A-03           3-A-05           3-A-06           3-A-07           3-A-07           3-A-13           3-A-15           bcky Location_4           bcky Location_1           3-A-16	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a	onal) re the rocky areas					
JJ.           b have ended the day v           rming we will finish offs           -A-02           -A-04           -A-05           -A-06           -A-07           -A-08           -A-11           -A-13           -A-13           -A-14           -A-15           cky Location_4           cky Location_1           -A-17	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati shore work which are a	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a	<b>onal)</b> re the rocky areas Grab" sites, once w					
JJ.           b have ended the day v           rming we will finish offs           -A-02           -A-04           -A-05           -A-06           -A-07           -A-08           -A-11           -A-13           -A-13           -A-14           -A-15           cky Location_4           cky Location_1           -A-17	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati shore work which are a	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a a total of 3 "Camera and (	<b>onal)</b> re the rocky areas Grab" sites, once w					
JJ.           b have ended the day v           rming we will finish offs           -A-02           -A-04           -A-05           -A-06           -A-07           -A-08           -A-11           -A-13           -A-13           -A-14           -A-15           cky Location_4           cky Location_1           -A-17	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati shore work which are a REPRESENTAT	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a a total of 3 "Camera and (	<b>onal)</b> re the rocky areas Grab" sites, once w			ves inshore taking ca	re of the remaining 7 st	
JJ.           b have ended the day optiming we will finish offs           3-A-02           3-A-03           3-A-05           3-A-06           3-A-07           3-A-08           3-A-13           3-A-13           3-A-15           bcky Location_4           bcky Location_1           3-A-17	ANTICIPATED P PARTY CHIEF'S with a total of 13 locati shore work which are a	ROGRAM NEXT 24 COMMENTS: (Opti ons finished. 2 of which a a total of 3 "Camera and (	<b>onal)</b> re the rocky areas Grab" sites, once w			ves inshore taking ca		

L /L	·			Keer	- mille-
Will	iam Rottner				Keir Miller
(Surve	ey Party Chief)			(CI	ient Representative)
Vessel:	RV Shearwater	Project No:	1783	Date:	08 September 2016
Client:	US Wind	Location:	Ocean City, MD	Report No.	017
		Project: Ex	port Cable Survey		

<b>NIN</b>	Dine A GARDLINE COMPANY						DAILY REPO	ORT
Vessel:		RV Shearwater			Project No	):	1783	
Client:		US Wind		٦	odays Date		09 September	2016
Location:		Ocean City, MD			Report No		18	
Project:	E	cport Cable Survey	,		Start Date		23 August 20	)16
	All times are	EST		(GMT -	5:00	hrs)		
AA.	VESSELLOCAT	ON AT 24:00 HRS				,		
Description:		ION AT 24:00 HK3		: 38.3527.211		Longitude:	075.0304.349	
BB.	WEATHER:							
Time	BAROM	WINE	)	WAVE	VISIB.	SKY		
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	RE	MARKS
00:00		5		1		00,000		
08:00		5		1		1		Clear
16:00		14		1.5		1		
24:00		12	+	2				
			l					
CC. C1.	PERSONNEL & Alpine OSS Pers							
	William Rottner		Surveyor	: Rob Vietri				
	Ovidio Hernandez			Mitch Kennedy				
	Jack Allum			Sharon Doake / S	ian Ponting			
C2.	Additional Perso	onnel	•			•		
S- Mike Phillips, St								
C3.	Client Personne	d:	1					
Client Rep.	Keir Miller							
~	Deve en rel On D							
C4. ALPINE:	Personnel On B	Oard: CLIENT:		VESSEL:	5	OTHERS:	5	TOTAL 40
ALFINE.	5	CLIENT.	1	VESSEL.	5	OTHERS.	5	TOTAL 16
C5.	ALPINE'S Equip	ment:						
racore								
nera				1				
	Additional Equi	oment						
b	Additional Equi	oment						
b	Additional Equi	pment						
b	Project Variation	ns (include notices	s of changes o	of personnel / eq	uipment)			
C6.		ns (include notices	s of changes of		uipment) William Rott	On Ves tner	sel	
C6. C7. rsonnel:	Project Variation	ns (include notices	s of changes of	Personnel:			sel	
C6. C7. rsonnel:	Project Variation	ns (include notices	s of changes o				sel	
	Project Variation Off Ves	ns (include notices ssel	of changes of	Personnel:			sel	
C6. C7. rsonnel: uipment: DD.	Project Variation Off Ves	ns (include notices ssel ITS TODAY:		Personnel:			sel	
C6. C7. rsonnel: uipment: DD. From	Project Variation Off Ves DIARY OF EVEN	ns (include notices ssel TS TODAY: hrs	Code	Personnel: Equipment:			sel	
C6. C7. rsonnel: uipment: DD. From 0:00	Project Variation Off Ves DIARY OF EVEN To 8:00	ns (include notices ssel ITS TODAY: hrs 8:00	Code SD	Personnel: Equipment:	William Roti		sel	
b C6. C7. rsonnel: uipment: DD. From 0:00 8:00	Project Variation Off Ves DIARY OF EVEN To 8:00 8:15	ns (include notices ssel NTS TODAY: hrs 8:00 0:15	Code SD O	Personnel: Equipment: Overnight hours Safety /planning n	William Roti	tner	sel	
C6. C7. rsonnel: uipment: DD. From 0:00	Project Variation Off Ves DIARY OF EVEN To 8:00	ns (include notices ssel ITS TODAY: hrs 8:00	Code SD	Personnel: Equipment: Overnight hours Safety /planning n Completed Came	William Roti	tner		
C6. C7. rsonnel: uipment: DD. From 0:00 8:00	Project Variation Off Ves DIARY OF EVEN To 8:00 8:15	ns (include notices ssel NTS TODAY: hrs 8:00 0:15	Code SD O	Personnel: Equipment: Overnight hours Safety /planning n Completed Came Picked W. Rottne	William Roti	tner		
C6. C7. rsonnel: uipment: DD. From 0:00 8:00 8:15	Project Variation Off Ves DIARY OF EVEN To 8:00 8:15 15:15	ns (include notices ssel NTS TODAY: hrs 8:00 0:15 7:00	Code SD O O	Personnel: Equipment: Overnight hours Safety /planning n Completed Came Picked W. Rottne Completed locatio	William Roti	tner		
C6. C7. rsonnel: uipment: DD. From 0:00 8:00 8:15 15:15	Project Variation Off Ves DIARY OF EVEN To 8:00 8:15 15:15 15:15 15:30	ns (include notices ssel TTS TODAY: hrs 8:00 0:15 7:00 0:15	Code SD O O VD	Personnel: Equipment: Overnight hours Safety /planning n Completed Came Picked W. Rottne	William Roti	tner		
C6. C7. rsonnel: uipment: DD. From 0:00 8:00 8:15 15:15 15:15 15:30	Project Variation Off Ver DIARY OF EVEN To 8:00 8:15 15:15 15:30 20:00	ITS TODAY: hrs 8:00 0:15 7:00 0:15 4:30	Code SD O VD O	Personnel: Equipment: Overnight hours Safety /planning n Completed Came Picked W. Rottne Completed locatio	William Roti	tner		
C6. C7. rsonnel: uipment: UDD. From 0:00 8:00 8:15 15:15 15:15 15:30	Project Variation Off Ver DIARY OF EVEN To 8:00 8:15 15:15 15:30 20:00	ITS TODAY: hrs 8:00 0:15 7:00 0:15 4:30	Code SD O VD O	Personnel: Equipment: Overnight hours Safety /planning n Completed Came Picked W. Rottne Completed locatio	William Roti	tner		
b C6. C7. rsonnel: uipment: UDD. From 0:00 8:00 8:15 15:15 15:15 15:30	Project Variation Off Ver DIARY OF EVEN To 8:00 8:15 15:15 15:30 20:00	ITS TODAY: hrs 8:00 0:15 7:00 0:15 4:30	Code SD O VD O	Personnel: Equipment: Overnight hours Safety /planning n Completed Came Picked W. Rottne Completed locatio	William Roti	tner		
C6. C7. rsonnel: uipment: UDD. From 0:00 8:00 8:15 15:15 15:15 15:30	Project Variation Off Ver DIARY OF EVEN To 8:00 8:15 15:15 15:30 20:00	ITS TODAY: hrs 8:00 0:15 7:00 0:15 4:30	Code SD O VD O	Personnel: Equipment: Overnight hours Safety /planning n Completed Came Picked W. Rottne Completed locatio	William Roti	tner		
C6. C7. rsonnel: uipment: DD. From 0:00 8:00 8:15 15:15 15:15 15:30	Project Variation Off Ver DIARY OF EVEN To 8:00 8:15 15:15 15:30 20:00	ITS TODAY: hrs 8:00 0:15 7:00 0:15 4:30	Code SD O VD O	Personnel: Equipment: Overnight hours Safety /planning n Completed Came Picked W. Rottne Completed locatio	William Roti	tner		
C6. C7. rsonnel: uipment: DD. From 0:00 8:00 8:15 15:15 15:15 15:30	Project Variation Off Ver DIARY OF EVEN To 8:00 8:15 15:15 15:30 20:00	ITS TODAY: hrs 8:00 0:15 7:00 0:15 4:30	Code SD O VD O	Personnel: Equipment: Overnight hours Safety /planning n Completed Came Picked W. Rottne Completed locatio	William Roti	tner		

EE.	PROJECT DATA	.:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			87:00		87:00		20.79
Transit	Т			25:18		25:18		6.05
Calibrations	С			2:45		2:45		0.66
Operational	0			147:59	11:45	159:44		38.17
Weather Standby				113:15		113:15		27.06
Standby on Client	S							
Vessel Downtime	VD			1:20	0:15	1:35		0.38
Port Standby	PS							
Survey Downtime	SD			12:35	12:00	24:35		5.87
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO			4:18		4:18		1.03
			TOTAL	394:30	24:00	418:30		100.00%
	Daily Operations			Cumu	ative Hours	Check Value=	432.00	
	Survey Progress							
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
		-571.00			571.00		571.00	
		-30.50			30.50		30.50	
					-			
	TOTALS:	-601.50	TOTAL		601.50		601.50	
FF.	SAFETY (Details	& Figures for Vesse	el and Survey (	Crews and Client	Representat	ives)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
			Desis		Events			
		Ohina	-	t & HSE Briefings	5		5	
		Ships		e & Abandon Ship	3		3	
		Ma		essel guided tour	5		5	
		IVIE		t / First Aid Cases	10		10	
			I	ool Box Meetings	43		43	
				Incident Reports				
				lear Miss Reports	-		-	
			-	ation Card (SOB)	5		5	
				Observation Card				
	No of su	vey Man-Hours work	ed since start	of project or LTL	6351:00	384:00	6735:00	
GG.	VESSEL ROB's	-			0331.00	384.00	0755.00	
			Fu	el (T)	Lube	e Oil (L)		Water (T)
				0.(1)	200	5 0 (2)		
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:					
Small craft advisory fo				et				
Ш.	ANTICIPATED P	<b>ROGRAM NEXT 24</b>	HRS:					
Vibra coring								
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
Completed Video and Gr	ab sampling. Including	g BG A-19, BG A-21, BG	A-23, Rock 7, Roc	k 5, Rock 10, Rock 8	3, Rock 9, Rock 2	2, Rock 3. Converte	d to Vibracoring after	I arrived and replaced winch
valve. Winch valve work	ting properly. Took A-	03 Physical and A-03 Res	sistivity. Tomorrov	w we will continue to	core.We have co	onducted 2 cores so	far and have 52 to go	).
KK.	REPRESENTAT	VE'S COMMENTS:	(Optional)					
	For ALPINE					, For	US Wind	
1	/					12.	US Wind	
	1					ice	r mu	le
	William Rottner						Keir Mille	
	Survey Party Chie				_		(Client Represe	
Vessel:		earwater	Project No:			Date:	09 Sej	ptember 2016
Client:	US	Wind	Location:			Report No.		018
			Project:	Export Cable S	urvey			

<b>SAI</b>	DINE A GARDLINE COMPANY						DAILY REPO	RT
Vessel: Client:		RV Shearwater US Wind		Т	Project No odays Date		1783	
Location:		Ocean City, MD			Report No		19	
Project:	Ex	port Cable Survey			Start Date	t.	23 August 20	16
	All times are	EST		(GMT -	5:00	hrs)		
AA.		ION AT 24:00 HRS:						
Description:	Delaware Bay Safe	e Harbor	Latitude:	38°49'9.99"N		Longitude:	75° 6'8.91"W	
BB.	WEATHER:							
Time	BAROM	WIND	)	WAVE	VISIB.	SKY	DEA	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	KEN	IARKS
00:00		10	SW	1			C	Clear
08:00		15-20	S	1				lear
16:00		15- 25	S	1-2			C	loudy
24:00		20-30	S	2				
CC.	PERSONNEL & E							
CU. C1.	Alpine OSS Pers							
	William Rottner		Surveyor:	Rob Vietri				
	Ovidio Hernandez			Mitch Kennedy				
	Jack Allum			Sharon Doake / Si	an Ponting			
C2.	Additional Perso	onnel				• •		
C4. ALPINE:	Personnel On Bo							
	5	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
05			1	VESSEL:	5	OTHERS:	5	TOTAL 16
C5.	5 ALPINE'S Equip		1	VESSEL:	5	OTHERS:	5	TOTAL 16
nera			1	VESSEL:	5	OTHERS:	5	TOTAL 16
mera b			1	VESSEL:	5	OTHERS:	5	TOTAL 16
nera o vre	ALPINE'S Equip	ment:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
mera b		ment:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
nera o vre	ALPINE'S Equip	ment:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
nera b pre	ALPINE'S Equip	ment:				OTHERS:	5	TOTAL 16
nera ore C6. C7.	ALPINE'S Equip	ment:		f personnel / equ		OTHERS:		TOTAL 16
nera b C6. C7.	ALPINE'S Equip	ment:						TOTAL 16
c6.	ALPINE'S Equip	ment:		f personnel / equ				TOTAL 16
cf.	ALPINE'S Equip	ment: ment s (include notices sel		f personnel / equ Personnel:				TOTAL 16
nera b C6. C7. rsonnel: uipment: DD.	ALPINE'S Equips Additional Equip Project Variation Off Ves	ment: oment as (include notices sel TS TODAY:	of changes o	f personnel / equ Personnel:				TOTAL 16
nera p re C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equips Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: oment as (include notices sel TS TODAY: hrs	of changes o	f personnel / equ Personnel: Equipment:				TOTAL 16
nera b b C6. C7. rsonnel: uipment: Uipment: From 0:00	ALPINE'S Equips Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00	ment: oment as (include notices sel TS TODAY: hrs 7:00	of changes o	f personnel / equ Personnel: Equipment:	uipment)	On Vess		TOTAL 16
nera p re C6. C7. rsonnel: uipment: DD. From 0:00 7:00	ALPINE'S Equips Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 7:15	ment: ment s (include notices sel TS TODAY: hrs 7:00 0:15	of changes o Code SD O	f personnel / equ Personnel: Equipment: Overnight 7am safety / work	uipment)	On Vess		TOTAL 16
nera p re C6. C7. rsonnel: uipment: DD. From 0:00 7:00 7:15	ALPINE'S Equips Additional Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 7:15 12:55	ment: ment s (include notices sel TS TODAY: hrs 7:00 0:15 5:40	of changes o Code SD O O O	f personnel / equ Personnel: Equipment: Overnight 7am safety / work 12 cores	uipment)	On Vess On Vess		TOTAL 16
nera p re C6. C7. rsonnel: uipment: DD. From 0:00 7:00	ALPINE'S Equips Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 7:15	ment: ment s (include notices sel TS TODAY: hrs 7:00 0:15	of changes o Code SD O	f personnel / equ Personnel: Equipment: Overnight 7am safety / work	uipment)	On Vess On Vess		TOTAL 16
mera b ore C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 7:15	ALPINE'S Equips Additional Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 7:15 12:55	ment: ment s (include notices sel TS TODAY: hrs 7:00 0:15 5:40	of changes o Code SD O O O	f personnel / equ Personnel: Equipment: Overnight 7am safety / work 12 cores	uipment)	On Vess On Vess		TOTAL 16
mera b b C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 7:15	ALPINE'S Equips Additional Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 7:15 12:55	ment: ment s (include notices sel TS TODAY: hrs 7:00 0:15 5:40	of changes o Code SD O O O	f personnel / equ Personnel: Equipment: Overnight 7am safety / work 12 cores	uipment)	On Vess On Vess		TOTAL 16
mera b ore C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 7:15	ALPINE'S Equips Additional Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 7:15 12:55	ment: ment s (include notices sel TS TODAY: hrs 7:00 0:15 5:40	of changes o Code SD O O O	f personnel / equ Personnel: Equipment: Overnight 7am safety / work 12 cores	uipment)	On Vess On Vess		TOTAL 16
mera b ore C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 7:15	ALPINE'S Equips Additional Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 7:15 12:55	ment: ment s (include notices sel TS TODAY: hrs 7:00 0:15 5:40	of changes o Code SD O O O	f personnel / equ Personnel: Equipment: Overnight 7am safety / work 12 cores	uipment)	On Vess On Vess		TOTAL 16
mera b b C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 7:15	ALPINE'S Equips Additional Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 7:15 12:55	ment: ment s (include notices sel TS TODAY: hrs 7:00 0:15 5:40	of changes o Code SD O O O	f personnel / equ Personnel: Equipment: Overnight 7am safety / work 12 cores	uipment)	On Vess On Vess		
mera b ore C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 7:15	ALPINE'S Equips Additional Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 7:15 12:55	ment: ment s (include notices sel TS TODAY: hrs 7:00 0:15 5:40	of changes o Code SD O O O	f personnel / equ Personnel: Equipment: Overnight 7am safety / work 12 cores	uipment)	On Vess On Vess		
mera b ore C6. C7. rsonnel: uipment: UDD. From 0:00 7:00 7:15	ALPINE'S Equips Additional Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 7:15 12:55	ment: ment s (include notices sel TS TODAY: hrs 7:00 0:15 5:40	of changes o Code SD O O O	f personnel / equ Personnel: Equipment: Overnight 7am safety / work 12 cores	uipment)	On Vess On Vess		

EE.	PROJECT DATA	٨:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			87:00		87:00		19.66
Transit	т			25:18		25:18		5.72
Calibrations	С			2:45		2:45		0.62
Operational	0			159:44	5:55	165:39		37.44
Weather Standby	W			113:15	11:05	124:20		28.10
Standby on Client								
Vessel Downtime				1:35		1:35		0.36
Port Standby								
Survey Downtime				24:35	7:00	31:35		7.14
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO			4:18		4:18		0.97
	2		TOTAL	418:30	24:00	442:30		100.00%
Hrs. of L	Daily Operations					Check Value=	456.00	
	Survey Progres							
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
200011011		-571.00	71100	rotaritin	571.00	roddy ran	571.00	70 Completed
		-30.50			30.50		30.50	
		-30.30			50.50		50.50	
	TOTALS:	-601.50	TOTAL		601.50		601.50	
FF.		& Figures for Vesse		Trews and Client		ives)	001.50	
					Previous	1003)		
				Incidents & Drills	Events	Today's Events	Events To Date	
			Proiec	t & HSE Briefings	5		5	
		Ships		& Abandon Ship	3		3	
		- 1-		essel guided tour	5		5	
		Me		/ First Aid Cases	0		Ū	
				ool Box Meetings	43		43	
				Incident Reports			-10	
			Ν	lear Miss Reports				
				ation Card (SOB)	5		5	
				. ,	5		5	
				Observation Card				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	6735:00	384:00	7119:00	
GG.	VESSEL ROB's	-			0100.00	004.00		
			Fu	el (T)	Lube	e Oil (L)	١	Water (T)
				( )		( )		
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:					
	inds up to 30 mph,	4-6 ft seas on Sunday	-					
Ш.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
watch weather and att								
		COMMENTS: (Opt	ional)					
		<u> </u>		P01- two cores, A04-	two cores and A	05-one core. 40 mo	ore cores to go. Weat	her forced us to stop as we
could not hold on station	to take a core. We wi	II watch weather for next	attempt. We head	led to Delaware Bay	for protected wa	ters.	-	
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
/						6	in m	
	L					1 Le	in m	the
د								
	William Rottner						Keir Mille	ər
(\$	Survey Party Chie	f)					(Client Represe	entative)
Vessel:	RV Sh	earwater	Project No:	178	3	Date:		
Client:	US	Wind	Location:	Ocean Ci	ity, MD	Report No.		019
			Project:	Export Cable S	urvey			

<b>ş Al</b> r	Dine A GARDLINE COMPANY						DAILY REPO	RT
Vessel: Client:		RV Shearwater US Wind		Т	Project No odays Date	:	1783 11 September 2	016
Location: Project:		Ocean City, MD port Cable Survey			Report No Start Date		20 23 August 201	16
	All times are	EST		(GMT -	5:00	hrs)		
AA.	VESSEL LOCAT	ION AT 24:00 HRS:						
Description:	Delaware Bay Safe	e Harbor	Latitude	38°49'9.99"N		Longitude:	75° 6'8.91"W	
BB.	WEATHER:							
Time	BAROM	WIND		WAVE	VISIB.	SKY	REN	IARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS		
00:00	ļ ļ	20-30	NW	1.5-2				
08:00		25	NW	1.5-2				
16:00 24:00		15-20 15	N N	1.5-2 2				
	I							
	PERSONNEL & E							
	Alpine OSS Pers William Rottner	sonnei:	Surveyor	: Rob Vietri				
	Ovidio Hernandez			Mitch Kennedy				
	Jack Allum			Sharon Doake / S	an Ponting			
	Additional Perso	onnel				4		
C4.	Personnel On Bo							
						OTUEDO	-1	<b>TOTAL</b> 40
ALPINE:	5	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
ALPINE:		CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C5.	5	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C5.	5	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
ALPINE: C5. DRE o nera	5	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
ALPINE: C5. DRE onera C6.	5 ALPINE'S Equip Additional Equip	CLIENT: ment: oment				OTHERS:	5	TOTAL 16
ALPINE: C5. DRE onera C6.	5 ALPINE'S Equip Additional Equip Project Variation	CLIENT: ment: oment ns (include notices						TOTAL 16
ALPINE: C5. DRE ponera C6. C7.	5 ALPINE'S Equip Additional Equip	CLIENT: ment: oment ns (include notices				OTHERS:		TOTAL 16
ALPINE: C5. DRE Do nera C6. C7. rsonnel:	5 ALPINE'S Equip Additional Equip Project Variation	CLIENT: ment: oment ns (include notices		of personnel / eq				TOTAL 16
ALPINE: C5. ORE b mera C6. C7. rsonnel:	5 ALPINE'S Equip Additional Equip Project Variation	CLIENT: ment: oment ns (include notices		of personnel / eq				TOTAL 16
ALPINE: C5. ORE b mera C6. C7. rsonnel: uipment:	5 ALPINE'S Equip Additional Equip Project Variation	CLIENT: ment: oment ns (include notices isel		of personnel / eq				
ALPINE: C5. DRE o nera C6. C7. rsonnel: uipment: DD. From	5 ALPINE'S Equips Additional Equips Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: oment ns (include notices isel TS TODAY: hrs	of changes of Code	of personnel / eq Personnel: Equipment:				TOTAL 16
ALPINE: C5. DRE o nera C6. C7. rsonnel: uipment: DD.	5 ALPINE'S Equips Additional Equip Project Variation Off Ves DIARY OF EVEN	CLIENT: ment: poment ns (include notices sel TS TODAY:	of changes of	of personnel / eq				TOTAL 16
ALPINE: C5. ORE b mera C6. C7. rsonnel: uipment: DD. From	5 ALPINE'S Equips Additional Equips Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: oment ns (include notices isel TS TODAY: hrs	of changes of Code	of personnel / eq Personnel: Equipment:				TOTAL 16
ALPINE: C5. ORE b mera C6. C7. rsonnel: uipment: DD. From	5 ALPINE'S Equips Additional Equips Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: oment ns (include notices isel TS TODAY: hrs	of changes of Code	of personnel / eq Personnel: Equipment:				TOTAL 16
ALPINE: C5. DRE o nera C6. C7. rsonnel: uipment: DD. From	5 ALPINE'S Equips Additional Equips Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: oment ns (include notices isel TS TODAY: hrs	of changes of Code	of personnel / eq Personnel: Equipment:				TOTAL 16
ALPINE: C5. ORE b mera C6. C7. rsonnel: uipment: DD. From	5 ALPINE'S Equips Additional Equips Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: oment ns (include notices isel TS TODAY: hrs	of changes of Code	of personnel / eq Personnel: Equipment:				TOTAL 16
ALPINE: C5. ORE b mera C6. C7. rsonnel: uipment: DD. From	5 ALPINE'S Equips Additional Equips Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: oment ns (include notices isel TS TODAY: hrs	of changes of Code	of personnel / eq Personnel: Equipment:				TOTAL 16
ALPINE: C5. DRE o nera C6. C7. rsonnel: uipment: DD. From	5 ALPINE'S Equips Additional Equips Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: oment ns (include notices isel TS TODAY: hrs	of changes of Code	of personnel / eq Personnel: Equipment:				TOTAL 16
ALPINE: C5. ORE b mera C6. C7. rsonnel: uipment: DD. From	5 ALPINE'S Equips Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: oment ns (include notices isel TS TODAY: hrs	of changes of Code	of personnel / eq Personnel: Equipment:				TOTAL 16
ALPINE: C5. ORE b mera C6. C7. rsonnel: uipment: DD. From	5 ALPINE'S Equips Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: oment ns (include notices isel TS TODAY: hrs	of changes of Code	of personnel / eq Personnel: Equipment:				TOTAL 16
ALPINE: C5. DRE o nera C6. C7. rsonnel: uipment: DD. From	5 ALPINE'S Equips Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: oment ns (include notices isel TS TODAY: hrs	of changes of Code	of personnel / eq Personnel: Equipment:				

EE.	PROJECT DATA							
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			87:00		87:00		18.65
Transit	Т			25:18		25:18		5.42
Calibrations	С			2:45		2:45		0.59
Operational	0			165:39		165:39		35.51
Weather Standby	W			124:20	24:00	148:20		31.80
Standby on Client	S							
Vessel Downtime	VD			1:35		1:35		0.34
Port Standby	PS							
Survey Downtime	SD			31:35		31:35		6.77
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO			4:18		4:18		0.92
			TOTAL	442:30	24:00	466:30		100.00%
Hrs. of L	Daily Operations	24		Cumu	lative Hours	Check Value=	480.00	•
E2.	Survey Progress	s:						
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
		-571.00			571.00		571.00	
		-30.50			30.50		30.50	
	TOTALS:	-601.50	TOTAL		601.50		601.50	
FF.	SAFETY (Details	& Figures for Vesse	el and Survey (	Crews and Client	Representat	ives)		•
		-		la sidente A Drille	Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	5		5	
		Ships	Drill, MOB, Fire	& Abandon Ship	3		3	
			V	essel guided tour	5		5	
		Me	edical Treatment	/ First Aid Cases				
			т	ool Box Meetings	43		43	
				Incident Reports				
			Ν	lear Miss Reports				
				ation Card (SOB)	5		5	
			-	Observation Card	0		5	
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	7119:00	384:00	7503:00	
GG.	VESSEL ROB's							
			Fu	el (T)	Lube	e Oil (L)	1	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:					
Weather looks good for	or Monday am.							
١١.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
Steam to site early								
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
Sea state was 4-6. On h		••	•					
КК.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
			(000000)					
	For ALPINE					For	US Wind	
			I					
	/ /	1				Ra	in me	i.
	L/L					100	- nu	ne
	William Rottner						Keir Mille	er
(5	Survey Party Chie	f)					(Client Represe	
Vessel:		earwater	Project No:	178	3	Date:		ptember 2016
Client:		Wind	Location:	Ocean C		Report No.	1.00	020
Giefit.				Export Cable S		Report NO.		

<b>S</b> AI							DAILY REPOR	RT
Vessel:		RV Shearwater		_	Project No		1783	
Client:		US Wind		Т	odays Date		12 September 20	016
Location:		Ocean City, MD			Report No		21	_
Project:	Exj	port Cable Survey			Start Date	:	23 August 201	6
	All times are	EST		(GMT -	5:00	hrs)		
	VESSEL LOCATI Delaware Bay Safe	ON AT 24:00 HRS:		38°49'9.99"N		Longitude:	75° 6'8.91"W	
Description.	Dolamaro Bay Caro	, naison	Latitude.	00 40 0.00 N		Longitudo.	10 00.01 11	
	WEATHER:			1 1		T I		
Time	BAROM	WIND		WAVE	VISIB.	SKY	REM	ARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS		
00:00	ļ ļ	15-20	NW	1.5				looked ok
08:00	T	15-20	E	1.5-1.75			obse	erved
16:00		10-15	E	1.5				
24:00								
CC.	PERSONNEL & E							
C1.	Alpine OSS Pers							
	William Rottner		Surveyor:	Rob Vietri				
-	Ovidio Hernandez		-	Mitch Kennedy				
	Jack Allum			Sharon Doake / Si	an Ponting			
C2.	Additional Perso	nnol	1 308	Sharen Boaro / O	onang	1		
	Personnel On Bo	ard						
ALPINE:	5	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
	5 ALPINE'S Equipr	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
<b>C5.</b>	1	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C5. es	1	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
<b>C5.</b>	1	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C5. es	1	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C5. es	ALPINE'S Equipr	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
С5. Эх ога С6.	ALPINE'S Equipr Additional Equip	CLIENT: ment: ment s (include notices						TOTAL 16
C5. es ora C6. C7.	ALPINE'S Equipr	CLIENT: ment: ment s (include notices				OTHERS:		TOTAL 16
C5. es era C6. C7. sonnel:	ALPINE'S Equipr Additional Equip	CLIENT: ment: ment s (include notices		of personnel / equipersonnel /				TOTAL 16
C5. es era C6.	ALPINE'S Equipr Additional Equip	CLIENT: ment: ment s (include notices		of personnel / eq				TOTAL 16
C5. es era C6. C7. sonnel:	ALPINE'S Equipr Additional Equip	CLIENT: ment: ment s (include notices sel		of personnel / equipersonnel /				TOTAL 16
C5. es cra C6. C7. connel:	ALPINE'S Equipr	CLIENT: ment: ment s (include notices sel		of personnel / equipersonnel /				TOTAL 16
C5. ra C6. C7. onnel: pment: DD.	ALPINE'S Equipr Additional Equip Project Variation Off Vest	CLIENT: ment: ment s (include notices sel TS TODAY:	of changes of	of personnel / equipersonnel /				TOTAL 16
C5. 28 72 C6. C7. Onnel: pment: DD. From 0:00	ALPINE'S Equipr Additional Equip Project Variation Off Vess DIARY OF EVEN To 5:30	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30	of changes c	of personnel / equipment:	uipment)	On Ves		
C5. 25 172 173 174 175 175 175 175 175 175 175 175	ALPINE'S Equipr Additional Equip Project Variation Off Vess DIARY OF EVEN To 5:30 8:30	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00	of changes c Code W T	pf personnel / equipment:	uipment)	On Ves	sel	
C5. 25 172 C6. C7. C7. connel: pment: DD. From 0:00 5:30 8:30	ALPINE'S Equipr Additional Equip Project Variation Off Vess DIARY OF EVEN To 5:30 8:30 11:30	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00 3:00	of changes c Code W T T T	of personnel / equipment:	uipment)	On Ves	sel	
C5. 25 172 C6. C7. C7. connel: pment: DD. From 0:00 5:30 8:30 11:30	ALPINE'S Equipr	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00 3:00 4:30	of changes c Code W T T W	f personnel / equipment: Equipment: transit to site in 4- Transit back to De	uipment)	On Ves	it for sea state to reduc	
C5. 15 16 17 17 17 17 17 17 17 17 17 17	ALPINE'S Equipr	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00 3:00 4:30 1:00	of changes c Code W T T W T W T	f personnel / equipment: Equipment: transit to site in 4- Transit back to De	uipment)	On Ves	it for sea state to reduc	
C5. es C6. C7. c7. c7. c7. c7. c7. c7. c7. c7. c7. c	ALPINE'S Equipr	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00 3:00 4:30	of changes c Code W T T W	f personnel / equipment: Equipment: transit to site in 4- Transit back to De	uipment)	On Ves	it for sea state to reduc	
C5. es C6. C7. C7. sonnel: ipment: DD. From 0:00 5:30 8:30 11:30 16:30	ALPINE'S Equipr	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00 3:00 4:30 1:00	of changes c Code W T T W T W T	f personnel / equipment: Equipment: transit to site in 4- Transit back to De	uipment)	On Ves	it for sea state to reduc	

EE.	PROJECT DATA	<b>\:</b>						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			87:00		87:00		17.76
Transit	т			25:18	7:00	32:18		6.59
Calibrations	C			2:45	1.00	2:45		0.56
Operational	0			165:39		165:39		33.81
					10.00			
Weather Standby	W			148:20	10:00	158:20		32.31
Standby on Client	S							
Vessel Downtime	VD			1:35		1:35		0.32
Port Standby	PS							
Survey Downtime	SD			31:35	6:29	38:04		7.77
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO			4:18		4:18		0.88
			TOTAL	466:30	23:29	489:59		100.00%
Hrs. of L	Daily Operations	24		Cumu	lative Hours	Check Value=	504.00	
	Survey Progress							
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Becomption		-571.00	71100	rotaritin	571.00	roddy ran	571.00	
		-30.50			30.50		30.50	
	1							
	TOTALS:		TOTAL		601.50		601.50	
FF.	SAFETY (Details	& Figures for Vesse	el and Survey (	Crews and Client	Representat	ives)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
					Events	Today 3 Events	Events To Date	
			Projec	t & HSE Briefings	5		5	
		Ships	s Drill, MOB, Fire	e & Abandon Ship	3		3	
			V	essel guided tour	5		5	
		Me	edical Treatment	t / First Aid Cases				
				ool Box Meetings	43		43	
				Incident Reports	10		10	
			Ν	lear Miss Reports				
				•	-		_	
			-	ation Card (SOB)	5		5	
				Observation Card				
				-				
		rvey Man-Hours work	ed since start	of project or LTI.	7503:00	375:44	7878:44	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	el (T)	Lube	e Oil (L)	\	Nater (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HR						
2-3'								
١١.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
leave early and be on:								
	, ,	COMMENTS: (Opti	ional)					
				Dobby the cool for		for botton wooth or		aiting for weather. Dian to
have an early start as we								aiting for weather. Plan to some samples on the bow.
		ples for the rest of the tra				,,	<b>3</b>	
KK.	REPRESENTATI	IVE'S COMMENTS:	(Optional)					
	•							
	For ALPINE					For	US Wind	
						6	ir m	
/	1					120	in m	in-
۷	14			Da				
	William Datta			Da			17 - 1- AP'''	
	William Rottner	£)					Keir Mille	
	Survey Party Chie						(Client Represe	
Vessel:		earwater	Project No:			Date:	12 Sej	ptember 2016
Client:	US	Wind	Location:	Ocean C	ity, MD	Report No.		021
			Project:	Export Cable S	urvev			

<b>\$</b> Alp	DINE COMPANY						DAILY REPO	RT
Vessel: Client:		RV Shearwater US Wind		т	Project No odays Date	:	1783 13 September 20	016
Location: Project:		Ocean City, MD port Cable Survey			Report No Start Date		22 23 August 201	6
	All times are	EST		(GMT -	5:00	hrs)		
	VESSEL LOCATI Near Location p05	ON AT 24:00 HRS:		: 38 30 28.227		Longitude:	74 48 33.260	
BB.	WEATHER:							
Time	BAROM	WIND		WAVE	VISIB.	SKY		
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REM	IARKS
00:00		10-15	NE	1			Good	weather
08:00		10-15	E	1		1 1		
16:00	<u> </u>	10	SE	1		1 1		
24:00	<u> </u>	-						
	PERSONNEL & E							
	Alpine OSS Pers	onnel:	0	· Pob Vietri				
	William Rottner		-	: Rob Vietri Mitch Kennedy				
	Ovidio Hernandez			: Mitch Kennedy	on Ponting			
	Jack Allum Additional Perso	nnol	PS08	Sharon Doake / Si	an roning	ļ		
· · ·	Keir Miller							
· · · · · ·	Personnel On Bo	pard: CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C4. Alpine:	Personnel On Bo 5	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C4. Alpine:	Personnel On Bo	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C4. Alpine: C5.	Personnel On Bo 5	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C4. ALPINE: C5. DRE	Personnel On Bo 5	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C4. ALPINE: C5. DRE b nera	Personnel On Bo 5 ALPINE'S Equipr	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C4. ALPINE: C5. DRE b nera	Personnel On Bo 5	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C4. ALPINE: C5. DRE b nera C6.	Personnel On Bo	CLIENT:				OTHERS:	5	TOTAL 16
C4. ALPINE: C5. DRE b nera C6.	Personnel On Bo	CLIENT: ment: ment s (include notices				OTHERS:		TOTAL 16
C4. ALPINE: C5. DRE b nera C6.	Personnel On Bo 5 ALPINE'S Equipr Additional Equip Project Variation	CLIENT: ment: ment s (include notices						TOTAL 16
C4. ALPINE: C5. DRE b nera C6. C7.	Personnel On Bo 5 ALPINE'S Equipr Additional Equip Project Variation	CLIENT: ment: ment s (include notices		of personnel / eq				TOTAL 16
C4. ALPINE: C5. DRE b nera C6. C7. c7. c7.	Personnel On Bo 5 ALPINE'S Equipr Additional Equip Project Variation Off Vess	CLIENT: ment: ment s (include notices sel		of personnel / equipersonnel / equipersonnel:				TOTAL 16
C4. ALPINE: DRE b nera C6. C7. C7. Sonnel: uipment:	Personnel On Bo 5 ALPINE'S Equipr Additional Equip Project Variation Off Vest	CLIENT: ment: ment s (include notices sel TS TODAY:	of changes of	of personnel / equipersonnel / equipersonnel:				TOTAL 16
C4. ALPINE: DRE b nera C6. C7. C7. Sonnel: uipment: Uipment:	Personnel On Bo 5 ALPINE'S Equipr Additional Equip Project Variation Off Vest DIARY OF EVEN To	CLIENT: ment: ment s (include notices sel TS TODAY: hrs	of changes of Code	of personnel / equipersonnel / equipersonnel:				TOTAL 16
C4. ALPINE: DRE b nera C6. C7. C7. Sonnel: uipment: Uipment:	Personnel On Bo 5 ALPINE'S Equipr Additional Equip Project Variation Off Ves: DIARY OF EVEN To 5:30	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30	of changes of changes of Code	of personnel / equipment:				TOTAL 16
C4. ALPINE: C5. DRE b nera C6. C7. rsonnel: uipment: Uipment: DD. From 0:00 5:30	Personnel On Bo 5 ALPINE'S Equipr Additional Equip Project Variation Off Vest DIARY OF EVEN To 5:30 8:30	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00	of changes of changes of Code	pf personnel / equipment:				TOTAL 16
C4. ALPINE: C5. DRE b nera C6. C7. Sonnel: uipment: UDD. From 0:00 5:30 8:30	Personnel On Bo	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00 12:00	of changes of Code W T O	of personnel / equipment:				TOTAL 16
C4. ALPINE: C5. DRE b nera C6. C7. rsonnel: uipment: Uipment: DD. From 0:00 5:30	Personnel On Bo 5 ALPINE'S Equipr Additional Equip Project Variation Off Vest DIARY OF EVEN To 5:30 8:30	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00	of changes of changes of Code	pf personnel / equipment:				TOTAL 16
C4. ALPINE: C5. DRE b nera C6. C7. Sonnel: uipment: UDD. From 0:00 5:30 8:30	Personnel On Bo	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00 12:00	of changes of Code W T O	pf personnel / equipment:				TOTAL 16
C4. ALPINE: C5. DRE b nera C6. C7. Sonnel: uipment: UDD. From 0:00 5:30 8:30	Personnel On Bo	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00 12:00	of changes of Code W T O	pf personnel / equipment:				TOTAL 16
C4. ALPINE: C5. DRE b nera C6. C7. Sonnel: uipment: UDD. From 0:00 5:30 8:30	Personnel On Bo	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00 12:00	of changes of Code W T O	pf personnel / equipment:				TOTAL 16
C4. ALPINE: C5. DRE b nera C6. C7. Sonnel: uipment: UDD. From 0:00 5:30 8:30	Personnel On Bo	CLIENT: ment: ment s (include notices sel TS TODAY: hrs 5:30 3:00 12:00	of changes of Code W T O	pf personnel / equipment:				TOTAL 16

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
			· · · · · ·	Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			87:00		87:00		16.93
Transit	т			32:18	3:00	35:18		6.87
Calibrations	С		I	2:45	1	2:45		0.54
Operational			I	165:39	12:00	177:39		34.56
Weather Standby			I	158:20	5:30	163:50		31.88
Standby on Client			I					
Vessel Downtime			I	1:35		1:35		0.31
Port Standby			I					
Survey Downtime			I	38:04	3:30	41:34		8.09
Maintenance time			I	00.0-	0.00	41.0-1		0.00
Disputed Time			I	'		'		
MMO Shutdown	MMO		I	4:18		4:18		0.84
WING GRAGOW	NINIC	<u> </u>	TOTAL	4.18	24:00	513:59		100.00%
Hrs. of I	Daily Operations		TOTAL			Check Value=	528.00	100.0070
	Survey Progress					Check value-	320.00	
Description	Survey integree	s. Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Description		-571.00	Alea		571.00	Today Nill	571.00	
				'		'		
		-30.50		'	30.50	'	30.50	
				'		'		
			<b>↓</b> '	<b> '</b>		<u> </u> '		
	TOTALS:		TOTAL		601.50	ļ'	601.50	
FF.	SAFETY (Details	& Figures for Vesse	and Survey (	Crews and Client		ives)		1
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Brojor	+ 9 LICE Priofings		ļ!		
		China		ct & HSE Briefings		1	6	
		опра		e & Abandon Ship		'	3	
		Mc		/essel guided tour	-	'	5	
		IVIE		t / First Aid Cases		. '		
			I	Fool Box Meetings		1	44	
				Incident Reports		'		
				Near Miss Reports		'	l _	
				vation Card (SOB)		. !	5	
				Observation Card	1	1	2	
			· ·	-		<u>      '</u>		-
	No. of sur	rvey Man-Hours work	ed since start o	of project or LII.	7878:44	384:00	8262:44	
GG.	VESSEL KUB S	at 24:00ms	Er.	uel (T)	Lub	e Oil (L)	I ,	Mator (T)
			1.0	er (1)	Luo		<u> </u>	Water (T)
		ROB at 00:00 hrs	<b> </b>	J	<u> </u>	J		
				!	<b> </b>	/	ł	
		Consumed Today		!	<u> </u>	!	<b> </b>	
		Received today		!	<u> </u>	!	<b> </b>	
HH.	EXPECTED WE	ROB at 24:00 hrs ATHER NEXT 24 HR			L			
2-3'	EXPECTED WE		(3:					
		PROGRAM NEXT 24						
II. VIBRACORING	ANTICITATED .	KUGKAN NEAT 24	nno.					
	DADTY CHIEF'S	COMMENTS: (Opti	ional)					
JJ. Took 23 vibracores today				107 A08 P09.A09.P	03 A10 P04, A11	A12 A13 A14.A15	A18 P05 Had a safe	ety obs card that I submitted
		as replaced with new suita		107,700,100,100,100,1	J,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, Δ12, Δ10, 7.1.,	5A10,1 00. 1166 6 5	sty 000 card mar rousining_
KK.	DEDDESENTAT	IVE'S COMMENTS:	(Ontional)					
IXIX.	KEF KEGENTA.		(Optional)					
	For ALPINE	[				T For	US Wind	<u> </u>
						/	ir m	
/	/					P.	- m.	
۷						1 ce	er nu	lle
	William Rottner					·	Keir Mille	or
	Survey Party Chie						(Client Represe	
Vessel:		nearwater	Project No:	178		Date:		ptember 2016
Client:		Wind	Location:			Report No.	10 00	022
Oliont.		Wind		Export Cable S		Керон но.		022

<b>\$`Al</b> k	DINE						DAILY REP	ORT
Vessel: Client:		RV Shearwater US Wind			Project No odays Date	):	1783 9.15.16	
Location:		Ocean City, MD			Report No		23	
Project:	EX EX	port Cable Survey			Start Date	e:	23 August 2	016
	All times are	EST		(GMT -	5:00	hrs)		
AA.	VESSEL LOCAT	ION AT 24:00 HRS						
Description:	Near Ocean City I	nlet	Latitude	: 38 2042.813		Longitude: 7	5 0045.210	
BB.	WEATHER:							
Time	BAROM	WIND	)	WAVE	VISIB.	SKY		
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	RE	EMARKS
00:00		10-15	E	11.5				
08:00		10-15	E	1				
16:00		10-15	NE	1				
24:00		10-15	NE	2				
CC. C1.	PERSONNEL & Alpine OSS Pers							
	William Rottner		Surveyor	: Rob Vietri				
	Ovidio Hernandez			Mitch Kennedy				
	Jack Allum			Sharon Doake / S	an Ponting			
C2.	Additional Perso	onnel				· · · · · · · · · · · · · · · · · · ·		
C3.	Client Personne	l:						
Client Rep.	Keir Miller							
C4.	Personnel On B	oard:						
	-			N/EQOE!	-	OTUEDO	_	
ALPINE:	5	CLIENT:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
ALPINE:			1	VESSEL:	5	OTHERS:	5	TOTAL 16
	5 ALPINE'S Equip		1	VESSEL:	5	OTHERS:	5	TOTAL 16
C5.			1	VESSEL:	5	OTHERS:	5	TOTAL 16
C5.			1	VESSEL:	5	OTHERS:	5	TOTAL 16
C5. ore b nera	ALPINE'S Equip	ment:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C5. pre		ment:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C5. ore b nera	ALPINE'S Equip	ment:	1	VESSEL:	5	OTHERS:	5	TOTAL 16
C5. ore b nera	ALPINE'S Equip	ment:	1	VESSEL:	5	OTHERS	5	TOTAL 16
C5. b mera C6.	ALPINE'S Equip	ment:				OTHERS:	5	TOTAL 16
C5. ore b nera	ALPINE'S Equip	ment: oment ns (include notices				OTHERS:		TOTAL 16
C5. b hera C6. C7.	ALPINE'S Equip	ment: oment ns (include notices						
C5. b hera C6. C7.	ALPINE'S Equip	ment: oment ns (include notices		of personnel / eq Personnel:				
C5. b mera C6.	ALPINE'S Equip	ment: oment ns (include notices		of personnel / eq				
C5. ore b mera C6. C7. rsonnel:	ALPINE'S Equip	ment: oment ns (include notices		of personnel / eq Personnel:				TOTAL 16
C5. ore b nera C6. C7. rsonnel: uipment:	ALPINE'S Equip Additional Equip Project Variation Off Ves	ment: oment ns (include notices ssel		of personnel / eq Personnel:				
C5. ore b mera C6. C7. rsonnel: uipment: DD.	ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN	ment: oment oment (include notices ssel	of changes of	of personnel / eq Personnel:				
C5. ore b nera C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To	ment: oment oment ssel ITS TODAY: hrs	of changes of Code	of personnel / eq Personnel:				
C5. ore b mera C6. C7. rsonnel: uipment: Uipment: DD. From 0:00	ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00	ment: poment as (include notices asel ITS TODAY: hrs 7:00	of changes of changes of Code	of personnel / eq Personnel:				
C5. ore b b C6. C7. rsonnel: uipment: UDD. From 0:00 7:00	ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 9:10	ment: poment as (include notices asel ITS TODAY: hrs 7:00 2:10	of changes of changes of Code	of personnel / eq Personnel: Equipment:	uipment)			
C5. re b nera C6. C7. rsonnel: uipment: DD. From 0:00	ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00	ment: poment as (include notices asel ITS TODAY: hrs 7:00	of changes of changes of Code	of personnel / eq Personnel: Equipment:	uipment)			
C5. ore b onera C6. C7. rsonnel: uipment: Uipment: DD. From 0:00 7:00 9:10	ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 9:10 10:10	ment: pment s (include notices ssel ITS TODAY: hrs 7:00 2:10 1:00	code SD O MMO	pf personnel / eq Personnel: Equipment: CORING DOLPHIN STOP \	uipment)			
C5. ore b mera C6. C7. rsonnel: uipment: Uipment: DD. From 0:00 7:00 9:10 10:10	ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 9:10 10:10 19:30	ment: pment s (include notices ssel TS TODAY: hrs 7:00 2:10 1:00 9:20	code Code SD O MMO O	pf personnel / eq Personnel: Equipment: CORING DOLPHIN STOP \	uipment)			
C5. ore b mera C6. C7. rsonnel: uipment: Uipment: DD. From 0:00 7:00 9:10 10:10	ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 9:10 10:10 19:30	ment: pment s (include notices ssel TS TODAY: hrs 7:00 2:10 1:00 9:20	code Code SD O MMO O	pf personnel / eq Personnel: Equipment: CORING DOLPHIN STOP \	uipment)			
C5. ore b mera C6. C7. rsonnel: uipment: Uipment: DD. From 0:00 7:00 9:10 10:10	ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 9:10 10:10 19:30	ment: pment s (include notices ssel TS TODAY: hrs 7:00 2:10 1:00 9:20	code Code SD O MMO O	pf personnel / eq Personnel: Equipment: CORING DOLPHIN STOP \	uipment)			
C5. ore b mera C6. C7. rsonnel: uipment: Uipment: DD. From 0:00 7:00 9:10 10:10	ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 9:10 10:10 19:30	ment: pment s (include notices ssel TS TODAY: hrs 7:00 2:10 1:00 9:20	code Code SD O MMO O	pf personnel / eq Personnel: Equipment: CORING DOLPHIN STOP \	uipment)			
C5. ore b mera C6. C7. rsonnel: uipment: Uipment: DD. From 0:00 7:00 9:10 10:10	ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 9:10 10:10 19:30	ment: pment s (include notices ssel TS TODAY: hrs 7:00 2:10 1:00 9:20	code Code SD O MMO O	pf personnel / eq Personnel: Equipment: CORING DOLPHIN STOP \	uipment)			
C5. ore b mera C6. C7. rsonnel: uipment: Uipment: DD. From 0:00 7:00 9:10 10:10	ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:00 9:10 10:10 19:30	ment: pment s (include notices ssel TS TODAY: hrs 7:00 2:10 1:00 9:20	code Code SD O MMO O	pf personnel / eq Personnel: Equipment: CORING DOLPHIN STOP \	uipment)			

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
	· · · · · ·			Previous	Today	Total	1	
Rate	Code	1	I	Hours	Hours	Hours	1	Percent of Total
Mobilization		[		87:00	i	87:00	[	16.17
Transit		1	ļ	35:18	1	35:18	1	6.56
Calibrations		1	ļ	2:45	1	2:45	1	0.51
Operational		1	I	177:39	11:30	189:09	1	35.16
Weather Standby		1	ļ	163:50		163:50	1	30.45
Standby on Client		1	ļ		1	100.00	1	00.10
Vessel Downtime		1	I	1:35	1	1:35	1	0.29
Port Standby		1	ļ	1.55	1	1.00	1	0.23
-		1	ļ	44.24	11.20	E2:04	1	0.96
Survey Downtime		1	ļ	41:34	11:30	53:04	1	9.86
Maintenance time		1	ļ	'	1		1	
Disputed Time		1	ļ	'	1		1	
MMO Shutdown	MMO	ļ		4:18	1:00	5:18	<b> </b>	0.99
			TOTAL	513:59	24:00	537:59	<u> </u>	100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	552.00	
	Survey Progress							
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
		-571.00	[ '	· ·	571.00		571.00	
	I	-30.50	1	'	30.50		30.50	
	I	1 1	1	'	1		1	
	I	1	1	'	1		1	
	TOTALS:	-601.50	TOTAL	<u>├</u>	601.50	1	601.50	
FF.		& Figures for Vesse	-	Crews and Clien		tives)		
	0, (	u i iguios io			Draviaua			
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	6	1	7	
		Shine		e & Abandon Ship		1		
		опра		-	3		3	
		N4-		/essel guided tour	5		5	
		IVIE		t / First Aid Cases	l '		1	
			I	Fool Box Meetings	44	1	45	
				Incident Reports	1		1	
				Near Miss Reports	1		1	
			Savety Observ	vation Card (SOB)	5		5	
			(	Observation Card	2		2	
					I'		1	
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	8262:44	384:00	8646:44	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	iel (T)	Lubr	e Oil (L)	1	Water (T)
		I	1			·i	[	
		ROB at 00:00 hrs					[	
		Consumed Today					[	
		Received today		+			i	
		ROB at 24:00 hrs		+			i	
HH.	EXPECTED WE	ATHER NEXT 24 HR						
bad								
	ANTICIPATED F	PROGRAM NEXT 24	HRS:					
DEMOBILIZE			1					
	PARTY CHIEF'S	COMMENTS: (Opti	ional)					
				6 a17 Dolphin sig	bted at 910am at	and work stopped for	an hour. Headed to C	Ocean City for the AM high tide.
		are up to his discretion ba					difficur. Fieddou to C	tedir oly for the run right age.
	-	·		-				
	<u> </u>							
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
	_	ļ	1		I	6		
/	/	ļ	1		I	120	in me	ile -
۷	14		1		I			ne
							Keir Mille	er
(5	Survey Party Chie	ef)	1		I		(Client Represe	
Vessel:		nearwater	Project No:	178	3	Date:	· ·	9.15.16
Client:		Wind	Location:			Report No.		023
		11		Export Cable S		1.000		010



## Daily Progress Reports Inshore HRG Survey

<b>S</b> Alp	Dine company						DAILY REPO	DRT
Vessel:		William M			Project No	0:	1783	
Client:		US Wind		٦	Fodays Date	e:	10 October 20	016
Location:		ndian River Bay, DE			Report No	o:	1	
Project:	E	Export Cable G + G			Start Date	e:	10 October 20	016
	All times are	EST		(GMT -	5:00	hrs)		
AA.	VESSEL LOCA	TION AT 24:00 HRS:						
	Rehobeth Bay Ma		Latitude:			Longitude:		
BB.	WEATHER:	1						
Time	BAROM	WIND		WAVE	VISIB.	SKY	RE	MARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS		
00:00								ing to site
08:00								ing to site
16:00						_		ing to site
24:00							Drivi	ing to site
	PERSONNEL &							
CC. C1.	Alpine OSS Per							
Party Chief/Master:	· · · · ·	Sonner:	Surveyor:					
-	P. Morton		Analog Eng.					
-	M. Kennedy		Analog Eng. Analog Eng.					
C2.	Additional Pers	onnel	Analog Eng.					
02.	Additional Ters							
C3.	<b>Client Personn</b>	el:						
Client Rep.								
C4.	Personnel On E	Board:						
ALPINE:	3	CLIENT:		VESSEL:		OTHERS:		TOTAL 3
C5.	ALPINE'S Equi							
POS MV Oceanmaster		Geometric G882 Magnet	ometer					
Edgetech 6205 Swath B	athy System	Edgetech 216S SBP						
Trimble Nav Beacon		CNAV 3050						
Sontek Castaway CTD								
C6.	Additional Equi	ipment						
C7.	Project Variatio	ons (include notices	of changes of	of personnel / ea	uipment)			
•	Off Ve	•	gee			On Vess	sel	
Personnel:				Personnel:				
Equipment:				Equipment:				
DD.	DIARY OF EVE	NTS TODAY:		· 				
From	То	hrs	Code					
8:00	11:30	3:30	М	Finish packing gea				
11:30	17:30	6:00	М	Transit from office		n, DE		
17:30	19:00	1:30	М	Begin mobilizatior	of vessel			
L								

EE.	PROJECT DATA	<b>\:</b>						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М				11:00	11:00		100.00
Transit	Т							
Calibrations	С							
Operational	0							
Weather Standby	W							
Standby on Client	S							
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime	SD							
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
			TOTAL		11:00	11:00		100.00%
Hrs. of I	Daily Operations			Cumi		Check Value=	12.00	
E2.	Survey Progress			Guint			12.00	
Description	ourrey region	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
2000.19110.11		Rin Lon	71100	Total Rin		Today Rin	Tan To Date	70 Completed
	TOTALO							
	TOTALS:			Drawa and Oligat	Dennegenteti			
FF.	SAFETY (Details	& Figures for Vesse	and Survey C	crews and Client	-	ves)		
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings		1	1	
		China	-	e & Abandon Ship		1	I	
		Ships		essel guided tour				
		N4-		•				
		IVIE		t / First Aid Cases				
			I	ool Box Meetings		2	2	
				Incident Reports				
				lear Miss Reports				
			Savety Observ	ation Card (SOB)				
				Observation Card				
				-				
	-	rvey Man-Hours work	ed since start	of project or LTI.		33:00	33:00	
GG.	VESSEL ROB's	at 24:00hrs				<b>• • • • •</b>		· · · · · />
				el (T)	Lube	ə Oil (L)		Water (T)
		Start of Project						
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
		ATHER NEXT 24 HF						
Winds are forecasted		-		oot.				
		ROGRAM NEXT 24						
We will put the vessel	-							
		COMMENTS: (Opt						
Good drive to the marina	today. Got the vessel	there and began setting	up computers.					
KK.	REPRESENTAT	<b>IVE'S COMMENTS:</b>	(Optional)					
	-							
	For ALPINE					For	US Wind	
<b> </b>	C. Morissette					1		
(9	Survey Party Chief	f)					(Client Represe	entative)
Vessel:		liam M	Project No:	178	3	Date:	· ·	ctober 2016
Client:		Wind	Location:			Report No.		001
Chorn.				Export Cable G	-			

<b>\$A</b> k							DAILY REPORT
Vessel: Client: Location: Project:	In	William M US Wind Idian River Bay, DE Export Cable G + G	:	Т	Project No odays Date Report No Start Date	e: ):	1783 11 October 2016 2 10 October 2016
	All times are	EST		(GMT -	5:00	hrs)	
AA.		TION AT 24:00 HRS					
Description:	Rehobeth Bay Ma	arina	Latitude:			Longitude:	
	WEATHER:	I					
Time	BAROM	WINE		WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed mph	Dir	HEIGHT ft	nmi	CONDS	
00:00		<b>5</b> 11	<b>N</b> 1047	4			
08:00		5 kts	NW	1	10	clear	
16:00 24:00		5 kts	NW	1	10	clear	
24:00	1	l					
CC.	PERSONNEL &						
C1.	Alpine OSS Per						
Party Chief/Master:	•		Surveyor:				
-	P. Morton		Analog Eng.				
-	M. Kennedy		Analog Eng.				
C2.	Additional Pers	onnel	33'			1	
C3.	<b>Client Personne</b>	el:					
Client Rep.							
C4.	Personnel On E	Board:					
ALPINE:	3	CLIENT					
	5	CLIENT	:	VESSEL:		OTHERS:	TOTAL 3
				VESSEL:		OTHERS:	TOTAL 3
C5.	ALPINE'S Equip	oment:		VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster	ALPINE'S Equip	oment: Geometric G882 Magne		VESSEL:		OTHERS:	TOTAL 3
C5. S MV Oceanmaster getech 6205 Swath Ba	ALPINE'S Equip	Geometric G882 Magne Edgetech 216S SBP		VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon	ALPINE'S Equip	oment: Geometric G882 Magne		VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip	Geometric G882 Magne Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon	ALPINE'S Equip	Geometric G882 Magne Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip	Geometric G882 Magne Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip	Geometric G882 Magne Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL 3
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050	otometer		uinment)	OTHERS:	
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050	otometer		uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050	otometer	f personnel / equ	uipment)	OTHERS:	
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050	otometer		uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050	s of changes o	f personnel / equ Personnel:	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050	s of changes o	f personnel / equ	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050	s of changes o	f personnel / equ Personnel:	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050	s of changes o	f personnel / equ Personnel:	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	Geometric G882 Magne Edgetech 216S SBP CNAV 3050	s of changes o	f personnel / equ Personnel:	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment:	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	Geometric G882 Magne Edgetech 216S SBP CNAV 3050 ment cns (include notices ssel	stometer	f personnel / equ Personnel: Equipment:			ssel
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To	CNAV 3050 CNAV 3050 CNAV 3050 CNAV STOLUCE NOTICES Seel	s of changes o	f personnel / equ Personnel: Equipment:	polbox talk; c	On Ves	ssel
C5. S MV Oceanmaster getech 6205 Swath Ban nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:30	CNAV 3050 CNAV 3	stometer	f personnel / equ Personnel: Equipment: Arrive at marina; to	polbox talk; c	On Ves	ssel
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:30 7:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:30 16:30	CNAV 3050 CNAV 3	stometer	f personnel / equ Personnel: Equipment: Arrive at marina; to Continue mobilizat	polbox talk; c	On Ves	ssel
C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:30 7:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:30 16:30	CNAV 3050 CNAV 3	stometer	f personnel / equ Personnel: Equipment: Arrive at marina; to Continue mobilizat	polbox talk; c	On Ves	ssel
C5. DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. Prsonnel: uipment: DD. From 6:30 7:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:30 16:30	CNAV 3050 CNAV 3	stometer	f personnel / equ Personnel: Equipment: Arrive at marina; to Continue mobilizat	polbox talk; c	On Ves	ssel
C5. DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. Prsonnel: uipment: DD. From 6:30 7:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:30 16:30	CNAV 3050 CNAV 3	stometer	f personnel / equ Personnel: Equipment: Arrive at marina; to Continue mobilizat	polbox talk; c	On Ves	ssel
C5. DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. ersonnel: juipment: DD. From 6:30 7:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:30 16:30	CNAV 3050 CNAV 3	stometer	f personnel / equ Personnel: Equipment: Arrive at marina; to Continue mobilizat	polbox talk; c	On Ves	ssel
C5. DS MV Oceanmaster Igetech 6205 Swath Ba mble Nav Beacon Intek Castaway CTD C6. C7. Prsonnel: quipment: DD. From 6:30 7:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:30 16:30	CNAV 3050 CNAV 3	stometer	f personnel / equ Personnel: Equipment: Arrive at marina; to Continue mobilizat	polbox talk; c	On Ves	ssel
C5. DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. Prsonnel: uipment: DD. From 6:30 7:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:30 16:30	CNAV 3050 CNAV 3	stometer	f personnel / equ Personnel: Equipment: Arrive at marina; to Continue mobilizat	polbox talk; c	On Ves	ssel
C5. DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. Prsonnel: uipment: DD. From 6:30 7:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:30 16:30	CNAV 3050 CNAV 3	stometer	f personnel / equ Personnel: Equipment: Arrive at marina; to Continue mobilizat	polbox talk; c	On Ves	ssel
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:30 7:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:30 16:30	CNAV 3050 CNAV 3	stometer	f personnel / equ Personnel: Equipment: Arrive at marina; to Continue mobilizat	polbox talk; c	On Ves	ssel

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code	1	ļ	Hours	Hours	Hours	1	Percent of Total
Mobilization				11:00	12:00	23:00	· · · · · · · · · · · · · · · · · · ·	100.00
Transit		1	,	!	1		1	
Calibrations		1	,	!	1		1	
Operational		1	,	!	1		1	
Weather Standby		1	,	!	1		1	
Standby on Client		1	,	!	1		1	
Vessel Downtime		1	,	!	1		1	
		1	ļ	'	1		1	
Port Standby		1	,	ļ ,	1		1	
Survey Downtime		1	ļ	'	1		1	
Maintenance time		1	ļ	'	1		1	
Disputed Time		1	,	ļ ,	1		1	
MMO Shutdown	MMO	l		<u> </u>	L		l'	
			TOTAL	11:00	12:00	23:00	'	100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	24.00	
E2.	Survey Progress	s:						
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
			,	1			· · · · · · · · · · · · · · · · · · ·	
ĺ		1	1	!	1		1	
1		1	1	!	1		1	
1		1	1	!	1		1	
ļ,	TOTALS:	łł	TOTAL	<b>├</b> ────		<b> </b>	l'	l
FF.		s & Figures for Vesse		Crewe and Client	Depresentat		·	
Fr.	SAFETT (Detaile	& Figures for vesse	and Survey C	Srews and Orient		ves)		
1				Incidents & Drills	Previous Events	Today's Events	Events To Date	1
			Projoc			ļ'		ļ
		Ohina	-	ct & HSE Briefings			1	
		Ships		e & Abandon Ship			1	1
				Vessel guided tour			1	
		Me		nt / First Aid Cases			1	
			т	Tool Box Meetings	2	2	4	
				Incident Reports	1		1	1
			٢	Near Miss Reports			1	1
				vation Card (SOB)			1	1
			-	Observation Card			1	
				Observation Ca	1		1	1
	No. of su	rvey Man-Hours work	red since start	of project or LTL	33:00	36:00	69:00	1
GG.	VESSEL ROB's a	-			00.00	00.00	00.00	
66.	VESSEL ROD S	al 24.00113	E.		Lub			Water (T)
		ļ	Fu	uel (T)	Lube	e Oil (L)	t`	Water (T)
			ļ		<b> </b>		<b> </b>	
		ROB at 00:00 hrs		J	ļ	'	<b>I</b>	
		Consumed Today		!	L		I	
		Received today			l		<u> </u>	
		ROB at 24:00 hrs			I		L	
		ATHER NEXT 24 HR						
Weather will continue	to be workable. Wir	nds less than 10 kts wit	th waves less th	nan 1 foot.				
		PROGRAM NEXT 24	HRS:					
We will finish mobilizat	tion calibrations.							
JJ.	PARTY CHIEF'S	COMMENTS: (Opti	ional)					
We finished mobilizing al	I survey gear and wet	t tested all equipment. At 4		e left the marina to m	ap the shallow ro	oute from Rehobeth	Bay into Indian River.	. Waterways are very shallow,
even at high tide. This rou							-	
We will head out to Indiar	- Piver tomorrow to fit	nich calibrations.						
		IISH Calibrations.						
		CONTRACTOR	(h					
KK.	REPRESENTATI	IVE'S COMMENTS:	(Optional)					
						<del>.</del>		
	For ALPINE	ļ	1			For	US Wind	
		ļ	1					
		ļ	1					
		ļ	1					
<b> </b>	C. Morissette		r			1		
(?	Survey Party Chief	ef)	1				(Client Represe	entative)
Vessel:		liam M	Project No:	178	3	Date:	, i	October 2016
Client:		6 Wind	Location:			Report No.		002
Chorne				Export Cable G	-	Nopoli i i c.		002

<b>\$</b> Alr	DINE A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location:	In	William M US Wind Idian River Bay, DE		Т	Project No odays Date Report No	e: ):	1783 12 October 2016 3
Project:	All times are	Export Cable G + G		(GMT -	Start Date	: hrs)	10 October 2016
				(			
	Indian River Mari	ΓΙΟΝ ΑΤ 24:00 HRS na	Latitude:			Longitude:	
22							
BB. Time	WEATHER: BAROM	WINI	D	WAVE	VISIB.	SKY	
(Local)	mb	Speed mph	Dir	HEIGHT ft	nmi	CONDS	REMARKS
00:00							
08:00		6 kts	WSW	0.5	10	clear	
16:00		6 kts	WSW	0.5	10	clear	
24:00							
CC.	PERSONNEL &						
	Alpine OSS Per						
Party Chief/Master:	· · ·		Surveyor:	:			
-	P. Morton		Analog Eng.				
	M. Kennedy		Analog Eng.				
C2.	Additional Pers	onnel					
C3.	Client Personne	el:					
Client Rep.	onent i ersonn						
0							
C4.	Personnel On E	Board:					
ALPINE:	3	CLIENT					
	Ű	CLIENT	:	VESSEL:		OTHERS:	TOTAL 3
			:	VESSEL:		OTHERS:	TOTAL 3
C5.	ALPINE'S Equip	oment:		VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster	ALPINE'S Equip	oment: Geometric G882 Magne		VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba	ALPINE'S Equip	oment:		VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon	ALPINE'S Equip	Geometric G882 Magne Edgetech 216S SBP		VESSEL:			TOTAL 3
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip	Geometric G882 Magne Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip	Geometric G882 Magne Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip	Geometric G882 Magne Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050	etometer		uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment	etometer		uipment)	OTHERS:	
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon itek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment	etometer		uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment	etometer	of personnel / equ Personnel:	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment	etometer	of personnel / equ	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment	etometer	of personnel / equ Personnel:	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment	etometer	of personnel / equ Personnel:	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment	etometer	of personnel / equ Personnel:	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD.	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ons (include notices ssel	etometer	of personnel / equ Personnel:		On Ves	
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To	CNAV 3050 pment ons (include notices ssel NTS TODAY: hrs	s of changes of Code	pf personnel / equ Personnel: Equipment:		On Ves	
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEL To 11:30	CNAV 3050 CNAV 3050 pment cns (include notices ssel	s of changes of Code M	of personnel / equ Personnel: Equipment: Equipment: Finish last of mobil Begin patch test	lization on th	On Ves	
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 11:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 11:30 14:00	CNAV 3050 CNAV 3050 pment cns (include notices ssel	s of changes of Code	of personnel / equ Personnel: Equipment: Equipment: Finish last of mobil Begin patch test	lization on th	On Ves	
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 11:30 14:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 11:30 14:00 14:30	CNAV 3050 CNAV 3050 pment cns (include notices ssel	s of changes of Code	Df personnel / equ         Personnel:         Equipment:         Finish last of mobil         Begin patch test         Vessel electrical is	lization on th	On Ves	
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 11:30 14:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 11:30 14:00 14:30	CNAV 3050 CNAV 3050 pment cns (include notices ssel	s of changes of Code	Df personnel / equ         Personnel:         Equipment:         Finish last of mobil         Begin patch test         Vessel electrical is	lization on th	On Ves	
C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 11:30 14:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 11:30 14:00 14:30	CNAV 3050 CNAV 3050 pment cns (include notices ssel	s of changes of Code	Df personnel / equ         Personnel:         Equipment:         Finish last of mobil         Begin patch test         Vessel electrical is	lization on th	On Ves	
C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 11:30 14:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 11:30 14:00 14:30	CNAV 3050 CNAV 3050 pment cns (include notices ssel	s of changes of Code	Df personnel / equ         Personnel:         Equipment:         Finish last of mobil         Begin patch test         Vessel electrical is	lization on th	On Ves	
C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 11:30 14:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 11:30 14:00 14:30	CNAV 3050 CNAV 3050 pment cns (include notices ssel	s of changes of Code	Df personnel / equ         Personnel:         Equipment:         Finish last of mobil         Begin patch test         Vessel electrical is	lization on th	On Ves	
C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 11:30 14:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 11:30 14:00 14:30	CNAV 3050 CNAV 3050 pment cns (include notices ssel	s of changes of Code	Df personnel / equ         Personnel:         Equipment:         Finish last of mobil         Begin patch test         Vessel electrical is	lization on th	On Ves	
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 11:30 14:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 11:30 14:00 14:30	CNAV 3050 CNAV 3050 pment cns (include notices ssel	s of changes of Code	Df personnel / equ         Personnel:         Equipment:         Finish last of mobil         Begin patch test         Vessel electrical is	lization on th	On Ves	

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			23:00	7:30	30:30		87.14
Transit	Т							
Calibrations	С							
Operational	0							
Weather Standby	W							
Standby on Client	S							
Vessel Downtime	VD				4:30	4:30		12.86
Port Standby								
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
			TOTAL	23:00	12:00	35:00		100.00%
Hrs of	Daily Operations		101/12			Check Value=	36.00	10010070
E2.	Survey Progress			Gaina			00.00	
Description	ourrey rregree	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Docomption			Aica	Total Kill	NIIT I CV	Today Rin	Rin To Date	70 Completed
	TOTALS:		TOTAL					
FF.		& Figures for Vesse		Crows and Client	Poprocontati			l
гг.	SAFETT (Details	a rigules for vesse	er and Survey (	Siews and Chern	•	ves)		
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	1		1	
		China		e & Abandon Ship	I		I	
		Ships		essel guided tour				
		N.4-		0				
		IVIE		t / First Aid Cases	_	1	1	
			I	Tool Box Meetings	4	2	6	
				Incident Reports				
				lear Miss Reports				
			Savety Observ	ation Card (SOB)				
				Observation Card		2	2	
				-				
		rvey Man-Hours work	ed since start	of project or LTI.	69:00	36:00	105:00	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	el (T)	Lube	e Oil (L)		Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.		ATHER NEXT 24 HF						
NW wind around 8 kt	becoming WSW in	the afternoon. Mostly s	sunny. Seas 1 ft	or less.				
II.		ROGRAM NEXT 24	HRS:					
We will finish calibration	ons and begin work	•						
JJ.		COMMENTS: (Opt						
We finished mobilizing the	ne vessel and transited	d to Indian River Bay befo	ore lunchtime. We	began patch test cal	ibrations at appr	oximately noon loca	I time, but an electrica	al issue on the vessel ended
the working day prematu	rely. We were forced t	to bring the vessel into the	e ciosest marina (	Indian river Marina) .	i ne electrician i	inished working on	the problem at around	a pm local time.
			of the vessel this	morning. The ankle i	s causing him so	ome minor discomfo	rt, but he is not limited	d in his ability to work. We iced
the injury and provided s	ome anti-inflammatory	y pills.						
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
f	C. Morissette							
(\$	Survey Party Chie	f)					(Client Represe	entative)
Vessel:		, liam M	Project No:	178	3	Date:	` ·	ctober 2016
Client:		Wind	Location:			Report No.	-	003
				Export Cable G				
			, • • •		-			

<b>s Al</b> r	A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location:		William M US Wind dian River Bay, DE		Т	Project No odays Date Report No	ə:	1783 13 October 2016 4
Project:		xport Cable G + G			Start Date		10 October 2016
	All times are	EST		(GMT -	5:00	hrs)	
		TION AT 24:00 HRS:					
Description:	Indian River Mari	na	Latitude:			Longitude:	
BB.	WEATHER:						
Time	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	
00:00		E lata	N1147	. 4	40	Olaar	
08:00 16:00		5 kts 5 kts	NW NW	< 1 < 1	10 10	Clear Clear	
24:00		0 KIS	INVV		10	Cieai	
	I	I	ı I				
CC.	PERSONNEL &	EQUIPMENT:					
	Alpine OSS Per	sonnel:					
Party Chief/Master:			Surveyor:				
-	P. Morton		Analog Eng.				
	M. Kennedy Additional Pers	onnel	Analog Eng.			1	
C3.	<b>Client Personne</b>	el:					
Client Rep.	L. Gionet-Kenyon						
	Personnel On B 3						
ALPINE:							тота
	0	CLIENT:	1	VESSEL:		OTHERS:	TOTAL
C5.			1	VESSEL:		OTHERS:	TOTAL
	ALPINE'S Equip			VESSEL:		OTHERS	TOTAL
S MV Oceanmaster	ALPINE'S Equip	ement:		VESSEL:		OTHERS:	TOTAL
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon	ALPINE'S Equip	<b>ment:</b> Geometric G882 Magnet		VESSEL:		OTHERS:	TOTAL
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD <b>C6.</b>	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices	tometer		uipment)		
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD <b>C6.</b> <b>C7.</b>	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices	tometer	f personnel / equ	uipment)	OTHERS:	
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD <b>C6.</b> <b>C7.</b>	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices	tometer		uipment)		
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD <b>C6.</b> <b>C7.</b> <b>rsonnel:</b>	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices	tometer	f personnel / equ	uipment)		
S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD <b>C6.</b> <b>C7.</b> <b>rsonnel:</b>	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices	tometer	f personnel / equ Personnel:	uipment)		
S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer	f personnel / equ Personnel:	uipment)		
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD.	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer	f personnel / equ Personnel:	uipment)		
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve Off Ve To	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer of changes of Code	f personnel / equ Personnel: Equipment:		On Ves	
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:45	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ver DIARY OF EVEN To 9:30	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer of changes of Code M	f personnel / equ Personnel: Equipment: Arrive at Dock; tak		On Ves	
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:45 9:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 9:30 11:35	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer of changes of of changes of Code M M	f personnel / equ Personnel: Equipment:		On Ves	
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:45	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ver DIARY OF EVEN To 9:30	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel NTS TODAY: hrs 2:45 2:05	tometer of changes of Code M M	f personnel / equ Personnel: Equipment: Arrive at Dock; tak Run 2 patch tests		On Ves	
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:45 9:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 9:30 11:35	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel NTS TODAY: hrs 2:45 2:05	tometer of changes of Code M M	f personnel / equ Personnel: Equipment: Arrive at Dock; tak Run 2 patch tests		On Ves	
S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:45 9:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 9:30 11:35	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel NTS TODAY: hrs 2:45 2:05	tometer of changes of Code M M	f personnel / equ Personnel: Equipment: Arrive at Dock; tak Run 2 patch tests		On Ves	
DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. Prsonnel: uipment: DD. From 6:45 9:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 9:30 11:35	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel NTS TODAY: hrs 2:45 2:05	tometer of changes of Code M M	f personnel / equ Personnel: Equipment: Arrive at Dock; tak Run 2 patch tests		On Ves	
DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. Prsonnel: uipment: DD. From 6:45 9:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 9:30 11:35	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel NTS TODAY: hrs 2:45 2:05	tometer of changes of Code M M	f personnel / equ Personnel: Equipment: Arrive at Dock; tak Run 2 patch tests		On Ves	
DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. Prsonnel: uipment: DD. From 6:45 9:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 9:30 11:35	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel NTS TODAY: hrs 2:45 2:05	tometer of changes of Code M M	f personnel / equ Personnel: Equipment: Arrive at Dock; tak Run 2 patch tests		On Ves	
S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:45 9:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 9:30 11:35	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel NTS TODAY: hrs 2:45 2:05	tometer of changes of Code M M	f personnel / equ Personnel: Equipment: Arrive at Dock; tak Run 2 patch tests		On Ves	
S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:45 9:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 9:30 11:35	Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel NTS TODAY: hrs 2:45 2:05	tometer of changes of Code M M	f personnel / equ Personnel: Equipment: Arrive at Dock; tak Run 2 patch tests		On Ves	

EE.	PROJECT DATA	<b>\</b> :						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			30:30	4:50	35:20		75.18
Transit	Т							
Calibrations	С							
Operational	0				7:10	7:10		15.25
Weather Standby	W							
Standby on Client	S							
Vessel Downtime	VD			4:30		4:30		9.57
Port Standby								
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
	MINIO		TOTAL	35:00	12:00	47:00		100.00%
Hrs of I	Daily Operations	12	101/12			Check Value=	48.00	100.0070
	Survey Progress			Guina			40.00	
Description	ourrey rregree	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		496.00	Alea	520.00	Rintiev	24.00	24.00	4.62%
		490.00		520.00		24.00	24.00	4.02%
	TOTALS:		TOTAL	520.00		24.00	24.00	4.62%
FF.	SAFETY (Details	& Figures for Vesse	el and Survey (	Crews and Client	Representati	ves)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
					Events	,		
			-	t & HSE Briefings	1		1	
		Ships		e & Abandon Ship				
				essel guided tour				
		Me	edical Treatment	t / First Aid Cases	1		1	
			Т	ool Box Meetings	6	2	8	
				Incident Reports				
			Ν	lear Miss Reports				
			Savety Observ	ation Card (SOB)		2	2	
				Observation Card	2		2	
				-				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	105:00	48:00	153:00	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	el (T)	Lube	ə Oil (L)	N	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:					
Winds should die dow								
Ш.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
Survey operations.								
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
Good day today. Finished				tomorrow.				
KK.	DEDDESENTAT	IVE'S COMMENTS:	(Ontional)					
	KEI KEOLATAT		(Optional)					
	For ALPINE					For	US Wind	
	FOLALPINE					FOI		
<b> </b>								
	C. Morissette						L. Gionet-Ke	•
	Survey Party Chie	,					(Client Represe	
Vessel:		liam M	Project No:			Date:	13 O	ctober 2016
Client:	US	Wind	Location:		-	Report No.		004
			Project:	Export Cable G	i + G			

<b>s Al</b> r	DINE A GARDLINE COMPANY						DAILY REP	ORT
Vessel: Client: Location:		William M US Wind Idian River Bay, DE		Т	Project No odays Date Report No	):	1783 14 October 2 5	2016
Project:	E	Export Cable G + G			Start Date	2:	10 October 2	2016
	All times are	EST		(GMT -	5:00	hrs)		
	VESSEL LOCAT	FION AT 24:00 HRS: na	Latitude:			Longitude:		
	WEATHER:					<u>CKX</u>		
Time	BAROM	WIND	Dir	WAVE HEIGHT m	VISIB.	SKY	R	EMARKS
(Local) 00:00	mb	Speed mph	ווע		nmi	CONDS		
08:00		15 kts	NW	1.5	10	P Cloudy	Strong winds	s from north this AN
16:00		5 kts	NW	> 1	10	Clear		ls died down
24:00		0 110		- 1	10			
	·							
	PERSONNEL &							
C1.	Alpine OSS Per	sonnel:						
Party Chief/Master:			Surveyor:					
-	P. Morton		Analog Eng.					
•	M. Kennedy Additional Pers		Analog Eng.					
C2.	Additional Pers	onnei						
C3. Client Rep.	Client Personne L. Gionet-Kenyon	¢1.						
C4	Personnel On B	Soard:						
C4. ALPINE:	Personnel On B 3	Board: CLIENT:	1	VESSEL:		OTHERS:		TOTAL 4
			1	VESSEL:		OTHERS:		TOTAL 4
ALPINE: C5.	3 ALPINE'S Equip	CLIENT:		VESSEL:		OTHERS:		TOTAL 4
ALPINE: C5. S MV Oceanmaster	3 ALPINE'S Equip	CLIENT: oment: Geometric G882 Magnete		VESSEL:		OTHERS:		TOTAL 4
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba	3 ALPINE'S Equip	CLIENT: oment: Geometric G882 Magnete Edgetech 216S SBP		VESSEL:		OTHERS:		TOTAL 4
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon	3 ALPINE'S Equip	CLIENT: oment: Geometric G882 Magnete		VESSEL:		OTHERS:		TOTAL 4
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD	3 ALPINE'S Equip	CLIENT: Dement: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:		TOTAL 4
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD	3 ALPINE'S Equip	CLIENT: Dement: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:		TOTAL 4
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ment	ometer		uipment)			TOTAL 4
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ment	ometer of changes of	f personnel / equ	uipment)	OTHERS:		TOTAL 4
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ment	ometer of changes of		uipment)			TOTAL 4
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel:	3 ALPINE'S Equip athy System Additional Equi	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ment	ometer of changes of	f personnel / equ	uipment)			
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel:	3 ALPINE'S Equip athy System Additional Equi	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ment	ometer of changes of	f personnel / equ Personnel:	uipment)			
ALPINE: C5. DS MV Oceanmaster Igetech 6205 Swath Ba mble Nav Beacon ontek Castaway CTD C6. C7. ersonnel: quipment:	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment	ometer of changes of	f personnel / equ Personnel:	uipment)			
ALPINE: C5. DS MV Oceanmaster Igetech 6205 Swath Ba mble Nav Beacon intek Castaway CTD C6. C7. ersonnel: quipment:	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	ometer of changes of	f personnel / equ Personnel:	uipment)			
ALPINE: C5. DS MV Oceanmaster Igetech 6205 Swath Ba imble Nav Beacon ontek Castaway CTD C6. C7. ersonnel: quipment: DD. From	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN To	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ms (include notices ssel NTS TODAY: hrs	ometer of changes of Code	f personnel / equ Personnel: Equipment:		On Ves		
ALPINE: C5. DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. ersonnel: puipment: DD. From 7:00	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN To 8:00	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ms (include notices ssel	ometer of changes of of changes of Code	f personnel / equ Personnel: Equipment: Arrive at dock - fue		On Ves		
ALPINE: C5. DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. ersonnel: juipment: DD. From	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN To	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ms (include notices ssel NTS TODAY: hrs	ometer of changes of of changes of Code O	f personnel / equ Personnel: Equipment:		On Ves		
ALPINE: C5. DS MV Oceanmaster Igetech 6205 Swath Ba mble Nav Beacon intek Castaway CTD C6. C7. ersonnel: quipment: DD. From 7:00	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN To 8:00	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ms (include notices ssel	ometer of changes of of changes of Code	f personnel / equ Personnel: Equipment: Arrive at dock - fue		On Ves		
ALPINE: C5. DS MV Oceanmaster Igetech 6205 Swath Ba mble Nav Beacon intek Castaway CTD C6. C7. ersonnel: quipment: DD. From 7:00	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN To 8:00	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ms (include notices ssel	ometer of changes of of changes of Code	f personnel / equ Personnel: Equipment: Arrive at dock - fue		On Ves		
ALPINE: C5. DS MV Oceanmaster Igetech 6205 Swath Ba mble Nav Beacon intek Castaway CTD C6. C7. ersonnel: quipment: DD. From 7:00	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN To 8:00	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ms (include notices ssel	ometer of changes of of changes of Code	f personnel / equ Personnel: Equipment: Arrive at dock - fue		On Ves		
ALPINE: C5. DS MV Oceanmaster Igetech 6205 Swath Ba mble Nav Beacon intek Castaway CTD C6. C7. ersonnel: quipment: DD. From 7:00	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN To 8:00	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ms (include notices ssel	ometer of changes of of changes of Code	f personnel / equ Personnel: Equipment: Arrive at dock - fue		On Ves		
ALPINE: C5. DS MV Oceanmaster dgetech 6205 Swath Ba imble Nav Beacon ontek Castaway CTD C6. C7. ersonnel: quipment: DD. From 7:00	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN To 8:00	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ms (include notices ssel	ometer of changes of of changes of Code	f personnel / equ Personnel: Equipment: Arrive at dock - fue		On Ves		
ALPINE: C5. DS MV Oceanmaster dgetech 6205 Swath Ba imble Nav Beacon ontek Castaway CTD C6. C7. ersonnel: quipment: DD. From 7:00	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN To 8:00	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ms (include notices ssel	ometer of changes of of changes of Code	f personnel / equ Personnel: Equipment: Arrive at dock - fue		On Ves		
ALPINE: C5. DS MV Oceanmaster dgetech 6205 Swath Ba imble Nav Beacon ontek Castaway CTD C6. C7. ersonnel: quipment: DD. From 7:00	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN To 8:00	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ms (include notices ssel	ometer of changes of of changes of Code	f personnel / equ Personnel: Equipment: Arrive at dock - fue		On Ves		
ALPINE: C5. DS MV Oceanmaster Igetech 6205 Swath Ba mble Nav Beacon intek Castaway CTD C6. C7. ersonnel: quipment: DD. From 7:00	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN To 8:00	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ms (include notices ssel	ometer of changes of of changes of Code	f personnel / equ Personnel: Equipment: Arrive at dock - fue		On Ves		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEN To 8:00	CLIENT: Geometric G882 Magnete Edgetech 216S SBP CNAV 3050 pment ms (include notices ssel	ometer of changes of of changes of Code	f personnel / equ Personnel: Equipment: Arrive at dock - fue		On Ves		

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			35:20		35:20		61.99
Transit	т							
Calibrations	С							
Operational				7:10	10:00	17:10		30.12
Weather Standby								
Standby on Client								
Vessel Downtime				4:30		4:30		7.89
Port Standby				4.00		4.00		1.00
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
ININO Shutdown	IVIIVIO		TOTAL	47:00	10:00	57:00		100.00%
line of l	Deilt Orerations		TOTAL				<u> </u>	100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	60.00	
	Survey Progres							
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		439.00		520.00	24.00	57.00	81.00	15.58%
	TOTALS:	439.00	TOTAL	520.00	24.00	57.00	81.00	15.58%
FF.	<b>SAFETY</b> (Details	& Figures for Vesse	and Survey C	Crews and Client	Representati	ves)		
					Previous	<b>.</b>		
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	1		1	
		Ships	s Drill, MOB, Fire	e & Abandon Ship				
				essel guided tour				
		Me		t / First Aid Cases	1		1	
				ool Box Meetings	8	2	10	
				Incident Reports		-	10	
			Ν	lear Miss Reports				
				vation Card (SOB)	2		2	
			-				2	
				Observation Card	2		2	
	No. of ou	rvey Man-Hours work	rad aince start	of project or LTL	153:00	40:00	193:00	
GG.	VESSEL ROB's	-	teu since start		155.00	40.00	193.00	
66.	VESSEL KUDS	at 24:00015	Eu		Lub			Motor (T)
			Fu	el (T)	LUDE	e Oil (L)		Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
		ATHER NEXT 24 HF						
Winds and waves will	-	-						
		ROGRAM NEXT 24	HRS:					
Continue running surv	-							
		COMMENTS: (Opt						
Good day today. Getting	a good amount done	on a daily basis now, but	survey area is ver	y shallow. Might tak	e a lot longer to g	gain 100 percent mu	Iltibeam coverage in th	hese shoal depths.
Party chief C. Morissette	will be replaced by M	. Kosakowski until Monda	IV.					
,								
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
F	C. Morissette						L. Gionet-Ke	
10	Survey Party Chie	f)					(Client Represe	•
Vessel:		liam M	Drojoot No.	178	3	Date:	, i	ctober 2016
			Project No:				14 0	
Client:	05	Wind	Location:	Indian Rive	-	Report No.		005

<b>SA</b> k	A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location: Project:	In	William M US Wind ndian River Bay, DE Export Cable G + G		Т	Project No odays Date Report No Start Date	e: ):	1783 15 October 2016 6 10 October 2016
1 10ject.	All times are	EST		(GMT -	5:00	hrs)	
AA.	VESSELLOCA	TION AT 24:00 HRS	•				
	Indian River Mari		Latitude:			Longitude:	
BB.	WEATHER:						
Time	BAROM	WIND	)	WAVE	VISIB.	SKY	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00		· · ·				1 1	
08:00		5 kts	NW	> 1	10	clear	
16:00		5 kts	NW	> 1	10	clear	
24:00							
00	PERSONNEL &	FOUR					
CC. C1.	Alpine OSS Per						
Party Chief/Master:		Somer.	Surveyor:				
•	P. Morton		Analog Eng.				
	M. Kennedy		Analog Eng. Analog Eng.				
	Additional Pers	onnel	, indiby Eng.				
C3.	Client Personn	el:					
	L. Gionet-Kenyon						
-							
C4.	Personnel On E						
ALPINE:	3	CLIENT:	1	VESSEL:		OTHERS:	TOTAL 4
C5.	ALPINE'S Equi	nment:					
00.							
		Geometric G882 Magnet	tometer				
S MV Oceanmaster		Geometric G882 Magner Edgetech 216S SBP	tometer				
S MV Oceanmaster getech 6205 Swath Ba		-	tometer				
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon		Edgetech 216S SBP	tometer				
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD		Edgetech 216S SBP CNAV 3050	tometer				
S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD <b>C6.</b> <b>C7.</b>	Additional Equi Project Variatio Off Ve	Edgetech 216S SBP CNAV 3050 ipment	of changes o			On Ves	sel
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD <b>C6.</b> <b>C7.</b>	Additional Equi	Edgetech 216S SBP CNAV 3050 ipment	of changes o		uipment) M. Kosakow		sel
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD <b>C6.</b> <b>C7.</b> <b>rsonnel:</b>	Additional Equi Project Variatio Off Ve	Edgetech 216S SBP CNAV 3050 ipment	of changes of				sel
S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD <b>C6.</b> <b>C7.</b> <b>rsonnel:</b>	Additional Equi Project Variatio Off Ve	Edgetech 216S SBP CNAV 3050 ipment	of changes of	Personnel:			sel
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	Additional Equi Project Variatio Off Ve C. Morissette	Edgetech 216S SBP CNAV 3050 ipment	of changes of	Personnel:			sel
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD <b>C6.</b> <b>C7.</b> <b>rsonnel:</b>	Additional Equi Project Variatio Off Ve	Edgetech 216S SBP CNAV 3050 ipment	of changes o	Personnel:			sel
S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD.	Additional Equi Project Variatio Off Ve C. Morissette DIARY OF EVE	Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel	of changes of	Personnel:	M. Kosakow	ski	sel
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From	Additional Equi Project Variatio Off Ve C. Morissette DIARY OF EVEL To	Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel	of changes of Code	Personnel: I Equipment:	M. Kosakow	ski	sel
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:00	Additional Equi Project Variatio Off Ve C. Morissette DIARY OF EVE To 8:25	Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 1:25	of changes of Code O O	Personnel:	M. Kosakow	o survey site	sel
S MV Oceanmaster getech 6205 Swath Banble Nav Beacon Intek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 8:25	Additional Equi Project Variatio Off Ve C. Morissette DIARY OF EVE To 8:25 14:15	Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 1:25 5:50	of changes of Code O O	Personnel: I Equipment: Arrive at vessel - fr Survey operations	M. Kosakow	o survey site	sel
S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 8:25	Additional Equi Project Variatio Off Ve C. Morissette DIARY OF EVE To 8:25 14:15	Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 1:25 5:50	of changes of Code O O	Personnel: I Equipment: Arrive at vessel - fr Survey operations	M. Kosakow	o survey site	sel
S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 8:25	Additional Equi Project Variatio Off Ve C. Morissette DIARY OF EVE To 8:25 14:15	Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 1:25 5:50	of changes of Code O O	Personnel: I Equipment: Arrive at vessel - fr Survey operations	M. Kosakow	o survey site	sel
S MV Oceanmaster getech 6205 Swath Banble Nav Beacon Intek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 8:25	Additional Equi Project Variatio Off Ve C. Morissette DIARY OF EVE To 8:25 14:15	Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 1:25 5:50	of changes of Code O O	Personnel: I Equipment: Arrive at vessel - fr Survey operations	M. Kosakow	o survey site	sel
S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 8:25	Additional Equi Project Variatio Off Ve C. Morissette DIARY OF EVE To 8:25 14:15	Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 1:25 5:50	of changes of Code O O	Personnel: I Equipment: Arrive at vessel - fr Survey operations	M. Kosakow	o survey site	sel
DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon intek Castaway CTD C6. C7. ersonnel: quipment: DD. From 7:00 8:25	Additional Equi Project Variatio Off Ve C. Morissette DIARY OF EVE To 8:25 14:15	Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 1:25 5:50	of changes of Code O O	Personnel: I Equipment: Arrive at vessel - fr Survey operations	M. Kosakow	o survey site	sel
DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. crsonnel: guipment: DD. From 7:00 8:25	Additional Equi Project Variatio Off Ve C. Morissette DIARY OF EVE To 8:25 14:15	Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 1:25 5:50	of changes of Code O O	Personnel: I Equipment: Arrive at vessel - fr Survey operations	M. Kosakow	o survey site	sel
S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 8:25	Additional Equi Project Variatio Off Ve C. Morissette DIARY OF EVE To 8:25 14:15	Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 1:25 5:50	of changes of Code O O	Personnel: I Equipment: Arrive at vessel - fr Survey operations	M. Kosakow	o survey site	sel
S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 8:25	Additional Equi Project Variatio Off Ve C. Morissette DIARY OF EVE To 8:25 14:15	Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 1:25 5:50	of changes of Code O O	Personnel: I Equipment: Arrive at vessel - fr Survey operations	M. Kosakow	o survey site	sel

EE.	PROJECT DATA	A:						
E1.	Time Summary:					_		
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			35:20		35:20		51.58
Transit								
Calibrations	С							
Operational				17:10	11:30	28:40		41.85
Weather Standby								
Standby on Client								
Vessel Downtime				4:30		4:30		6.57
Port Standby								
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
			TOTAL	57:00	11:30	68:30		100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	72.00	
	Survey Progres							
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		403.50		520.00	81.00	35.50	116.50	22.40%
	TOTALS:		TOTAL	520.00	81.00	35.50	116.50	22.40%
FF.	<b>SAFETY</b> (Details	& Figures for Vesse	el and Survey C	Crews and Client	Representati	ives)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
					Events			
				t & HSE Briefings	1		1	
		Ships		e & Abandon Ship				
				essel guided tour				
		Me		t / First Aid Cases	1		1	
			Т	ool Box Meetings	10		10	
				Incident Reports				
				lear Miss Reports				
			-	ation Card (SOB)	2		2	
				Observation Card	2		2	
		<u> </u>		-				
		rvey Man-Hours work	ed since start	of project or LTI.	193:00	46:00	239:00	
GG.	VESSEL ROB's	at 24:00hrs	F	-1 (7)	Links			
			Fu	el (T)	Lube	e Oil (L)		Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH. Wind and waves will re		ATHER NEXT 24 HF	(5:					
		ROGRAM NEXT 24	LIDE.					
II. Continue running surv				morning				
-		COMMENTS: (Opt	-	morning.				
JJ.	PARTY CHIEF 3		ional)					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
						<b></b>		
	For ALPINE					For	US Wind	
	M					4		
	M. Kosakowski	<b>f</b> )					L. Gionet-Ke	•
,	Survey Party Chie	,	Destant	1=-	2		(Client Represe	,
Vessel:		liam M Wind	Project No:			Date:	15 0	ctober 2016 006
Client:	05	wind	Location:			Report No.		006
			FIDJECT.	Export Cable G	0 + U			

<b>¢ Al</b> r							DAILY REPORT
Vessel: Client:		William M US Wind		т	Project No odays Date		1783 16 October 2016
Location:	In	ndian River Bay, DE			Report No		7
Project:	E	Export Cable G + G			Start Date	e:	10 October 2016
	All times are	EST		(GMT -	5:00	hrs)	
AA.	VESSEL LOCA	TION AT 24:00 HRS:	:				
Description:	Rehoboth Bay M	arina	Latitude:			Longitude:	
BB.	WEATHER:						
Time	BAROM	WIND	)	WAVE	VISIB.	SKY	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00							
08:00		5 kts	NW	> 1	10	clear	
16:00		5 kts	NW	> 1	10	clear	
24:00							
CC.	PERSONNEL &						
	Alpine OSS Per						
Party Chief/Master:	M. Kosakowski		Surveyor:				
-	P. Morton		Analog Eng.				
	M. Kennedy		Analog Eng.				
	Additional Pers	sonnel	<u> </u>				
	Client Personne L. Gionet-Kenyon						
C4.	Deve en nel On F						
	Personnel On E	Soard:					
ALPINE:	Personnel On E 3	CLIENT:	1	VESSEL:		OTHERS:	TOTAL
ALPINE:	3	CLIENT:	1	VESSEL:		OTHERS:	TOTAL
ALPINE:		CLIENT:		VESSEL:		OTHERS:	TOTAL
ALPINE: C5. S MV Oceanmaster	3 ALPINE'S Equi	CLIENT: pment: Geometric G882 Magnet		VESSEL:		OTHERS:	TOTAL
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba	3 ALPINE'S Equi	CLIENT: pment: Geometric G882 Magnet Edgetech 216S SBP		VESSEL:		OTHERS:	TOTAL
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon	3 ALPINE'S Equi	CLIENT: pment: Geometric G882 Magnet		VESSEL:		OTHERS:	TOTAL
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	3 ALPINE'S Equi	CLIENT: pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6.	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ipment ons (include notices	tometer		uipment)		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ipment ons (include notices	tometer	f personnel / equ	uipment)	OTHERS:	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ipment ons (include notices	tometer		uipment)		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel:	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ipment ons (include notices	of changes o	f personnel / equ	uipment)		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	CLIENT: pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices essel	of changes o	f personnel / equ Personnel:	uipment)		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD.	3 ALPINE'S Equip athy System Additional Equip Project Variatio Off Ve	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices pssel	of changes o	f personnel / equ Personnel:	uipment)		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From	3 ALPINE'S Equip athy System Additional Equip Project Variatio Off Ve DIARY OF EVE To	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices essel NTS TODAY: hrs	of changes o	f personnel / equ Personnel: Equipment:		On Ves	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:50	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVE To 7:47	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices essel NTS TODAY: hrs 0:57	of changes o Code O	f personnel / equ Personnel: Equipment: Arrive at vessel - t		On Ves	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:50 7:47	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVE To 7:47 15:35	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices assel NTS TODAY: hrs 0:57 7:48	of changes o Code O O O	f personnel / equ Personnel: Equipment: Arrive at vessel - t Run survey lines	ransit to surv	On Ves	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:50	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVE To 7:47	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices essel NTS TODAY: hrs 0:57	of changes o Code O	f personnel / equ Personnel: Equipment: Arrive at vessel - t	ransit to surv	On Ves	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:50 7:47	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVE To 7:47 15:35	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices assel NTS TODAY: hrs 0:57 7:48	of changes o Code O O O	f personnel / equ Personnel: Equipment: Arrive at vessel - t Run survey lines	ransit to surv	On Ves	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:50 7:47	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVE To 7:47 15:35	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices assel NTS TODAY: hrs 0:57 7:48	of changes o Code O O O	f personnel / equ Personnel: Equipment: Arrive at vessel - t Run survey lines	ransit to surv	On Ves	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:50 7:47	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVE To 7:47 15:35	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices assel NTS TODAY: hrs 0:57 7:48	of changes o Code O O O	f personnel / equ Personnel: Equipment: Arrive at vessel - t Run survey lines	ransit to surv	On Ves	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:50 7:47	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVE To 7:47 15:35	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices assel NTS TODAY: hrs 0:57 7:48	of changes o Code O O O	f personnel / equ Personnel: Equipment: Arrive at vessel - t Run survey lines	ransit to surv	On Ves	
ALPINE: C5. IS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:50 7:47	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVE To 7:47 15:35	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices assel NTS TODAY: hrs 0:57 7:48	of changes o Code O O O	f personnel / equ Personnel: Equipment: Arrive at vessel - t Run survey lines	ransit to surv	On Ves	
ALPINE: C5. DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. ersonnel: juipment: DD. From 6:50 7:47	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVE To 7:47 15:35	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices assel NTS TODAY: hrs 0:57 7:48	of changes o Code O O O	f personnel / equ Personnel: Equipment: Arrive at vessel - t Run survey lines	ransit to surv	On Ves	
ALPINE: C5. DS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. ersonnel: juipment: DD. From 6:50 7:47	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVE To 7:47 15:35	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices assel NTS TODAY: hrs 0:57 7:48	of changes o Code O O O	f personnel / equ Personnel: Equipment: Arrive at vessel - t Run survey lines	ransit to surv	On Ves	
ALPINE: C5. IS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:50 7:47	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVE To 7:47 15:35	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices assel NTS TODAY: hrs 0:57 7:48	of changes o Code O O O	f personnel / equ Personnel: Equipment: Arrive at vessel - t Run survey lines	ransit to surv	On Ves	
ALPINE: C5. IS MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 6:50 7:47	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVE To 7:47 15:35	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment cons (include notices assel NTS TODAY: hrs 0:57 7:48	of changes o Code O O O	f personnel / equ Personnel: Equipment: Arrive at vessel - t Run survey lines	ransit to surv	On Ves	

EE.	PROJECT DATA	<b>\:</b>						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			35:20		35:20		44.77
Transit	Т							
Calibrations	С							
Operational	0			28:40	10:25	39:05		49.52
Weather Standby	W							
Standby on Client	S							
Vessel Downtime	VD			4:30		4:30		5.70
Port Standby	PS							0.1.0
Survey Downtime	SD							
Maintenance time	MT							
	DT							
Disputed Time								
MMO Shutdown	MMO	<u> </u>	TOTAL	00.00	10.05	70.55		400.000/
11			TOTAL	68:30	10:25	78:55		100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	84.00	
	Survey Progres			<b>T</b> . 114				
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		354.00		520.00	116.50	49.50	166.00	31.92%
	TOTALS:	354.00	TOTAL	520.00	116.50	49.50	166.00	31.92%
FF.	<b>SAFETY</b> (Details	& Figures for Vesse	el and Survey (	Crews and Client	Representat	ives)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
				incidents & Drins	Events	Today S Events	Events To Date	
			Projec	t & HSE Briefings	1		1	
		Ships	Drill, MOB, Fire	e & Abandon Ship				
			V	essel guided tour				
		Me	edical Treatment	t / First Aid Cases	1		1	
				ool Box Meetings	10		10	
				Incident Reports				
			Ν	lear Miss Reports				
				vation Card (SOB)	2		0	
			-		2		2	
				Observation Card	2		2	
	No. of our	M		-			000.40	
	VESSEL ROB's	rvey Man-Hours work	ted since start	of project of LII.	239:00	41:40	280:40	
GG.	VESSEL RODS	at 24:00115	Eu		Lub			Watar (T)
			Fu	el (T)	Lube	e Oil (L)		Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HR	RS:					
П.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
JJ.	PARTY CHIEF'S	COMMENTS: (Opti	ional)					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
	M. Kosakowski						L. Gionet-Ke	nvon
		(f)						•
	Survey Party Chie	liam M	Declaration	178	2	<u> </u>	(Client Represe	
Vessel:			Project No:			Date:	16 0	ctober 2016
Client:	05	Wind	Location:			Report No.		007
			Project:	Export Cable G	i+G			

<b>¢A</b> k	Dine A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location:		William M US Wind ndian River Bay, DE		т	Project No odays Date Report No	): 	1783 17 October 2016 8
Project	E	Export Cable G + G			Start Date	):	10 October 2016
	All times are	EST		(GMT -	5:00	hrs)	
AA.		TION AT 24:00 HRS					
Description	1		Latitude:			Longitude:	
BB.	WEATHER:						
Time	BAROM	WINE	-	WAVE	VISIB.	SKY	REMARKS
(Local) 00:00	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	
08:00		5 kts	NW	> 1	10	clear	
16:00		5 kts	NW	> 1	10	clear	
24:00							
CC.	PERSONNEL &						
CC.	Alpine OSS Per						
Party Chief/Master			Surveyor:				
Surveyor	: P. Morton		Analog Eng.				
	M. Kennedy		Analog Eng.				
C2.	Additional Pers	onnel					
C3.	Client Personne	el:					
Client Rep.	L. Gionet-Kenyon						
•							
C4.	Personnel On E	CLIENT:	1	VESSEL:		OTHERS:	TOTAL 4
	<b>J</b>	OLIENT.		VLOOLL.		Official.	
C5.	ALPINE'S Equip	pment:					
S MV Oceanmaster		Geometric G882 Magne	tometer				
getech 6205 Swath B	athy System	Edgetech 216S SBP					
nble Nav Beacon ntek Castaway CTD		CNAV 3050					
C6.	Additional Equi	ipment					<b>k</b>
C7.	Project Variatio	ons (include notices	of changes of	f personnel / equ	uipment)		
	Off Ve					On Ves	sel
					u <mark>ipment)</mark> C. Morissett		sel
rsonnel:	Off Ve			Personnel:			sel
rsonnel:	Off Ve						sel
rsonnel: uipment:	Off Ve M. Kosakowski	essel		Personnel:			sel
rsonnel: uipment: DD.	Off Ve M. Kosakowski DIARY OF EVEI	NTS TODAY:		Personnel:			sel
rsonnel: uipment: DD. From	Off Ve M. Kosakowski DIARY OF EVEI To	NTS TODAY: hrs	Code	Personnel:	C. Morissett	e	sel
rsonnel: uipment: DD.	Off Ve M. Kosakowski DIARY OF EVEI	NTS TODAY:	Code O	Personnel:	C. Morissett	e	sel
rsonnel: uipment: DD. From 7:00	Off Ve M. Kosakowski DIARY OF EVEL To 7:45	NTS TODAY: hrs 0:45	Code O O	Personnel:	C. Morissett	e	sel
rsonnel: uipment: DD. From 7:00 7:45	Off Ve M. Kosakowski DIARY OF EVEL To 7:45 12:15	NTS TODAY: hrs 0:45 4:30	Code O O O O O O	Personnel: Equipment: Arrive at Vessel - t Survey operations Transit to fuel docl Survey operations	C. Morissett	e	sel
rsonnel: uipment: DD. From 7:00 7:45 12:15	Off Ve M. Kosakowski DIARY OF EVEI To 7:45 12:15 12:50	NTS TODAY: hrs 0:45 4:30 0:35	Code O O O O O O	Personnel: Equipment: Arrive at Vessel - t Survey operations Transit to fuel docl	C. Morissett	e	sel
rsonnel: uipment: DD. From 7:00 7:45 12:15 12:50	Off Ve M. Kosakowski DIARY OF EVEI To 7:45 12:15 12:50 17:30	NTS TODAY: hrs 0:45 4:30 0:35 4:40	Code O O O O O	Personnel: Equipment: Arrive at Vessel - t Survey operations Transit to fuel docl Survey operations	C. Morissett	e	sel
rsonnel: uipment: DD. From 7:00 7:45 12:15 12:50	Off Ve M. Kosakowski DIARY OF EVEI To 7:45 12:15 12:50 17:30	NTS TODAY: hrs 0:45 4:30 0:35 4:40	Code O O O O O	Personnel: Equipment: Arrive at Vessel - t Survey operations Transit to fuel docl Survey operations	C. Morissett	e	sel
<b>DD.</b> From 7:00 7:45 12:15 12:50	Off Ve M. Kosakowski DIARY OF EVEI To 7:45 12:15 12:50 17:30	NTS TODAY: hrs 0:45 4:30 0:35 4:40	Code O O O O O	Personnel: Equipment: Arrive at Vessel - t Survey operations Transit to fuel docl Survey operations	C. Morissett	e	sel
<b>DD.</b> From 7:00 7:45 12:15 12:50	Off Ve M. Kosakowski DIARY OF EVEI To 7:45 12:15 12:50 17:30	NTS TODAY: hrs 0:45 4:30 0:35 4:40	Code O O O O O	Personnel: Equipment: Arrive at Vessel - t Survey operations Transit to fuel docl Survey operations	C. Morissett	e	sel
<b>DD.</b> From 7:00 7:45 12:15 12:50	Off Ve M. Kosakowski DIARY OF EVEI To 7:45 12:15 12:50 17:30	NTS TODAY: hrs 0:45 4:30 0:35 4:40	Code O O O O O	Personnel: Equipment: Arrive at Vessel - t Survey operations Transit to fuel docl Survey operations	C. Morissett	e	sel
<b>DD.</b> From 7:00 7:45 12:15 12:50	Off Ve M. Kosakowski DIARY OF EVEI To 7:45 12:15 12:50 17:30	NTS TODAY: hrs 0:45 4:30 0:35 4:40	Code O O O O O	Personnel: Equipment: Arrive at Vessel - t Survey operations Transit to fuel docl Survey operations	C. Morissett	e	sel

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
			1	Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	M			35:20		35:20		39.30
Transit	t T		1	'	1			
Calibrations	C C		,	1 '	1			
Operational	0		,	39:05	11:00	50:05		55.70
Weather Standby			,	1 '	1			
Standby on Client			,	1 '	1			
Vessel Downtime			,	4:30	1	4:30		5.00
Port Standby			,		1			0.00
Survey Downtime			!	1	1			
Maintenance time			,	1 '	1			
Disputed Time			,	1 '	1			
MMO Shutdown	MMO		1	1	1			
			TOTAL	70.55	11:00	89:55		100.00%
Hrs. of	Delle Operations		TUTAL	78:55			00.00	100.00%
	Daily Operations			Cumu	lative hours	Check Value=	96.00	
	Survey Progress		A	T tolka	14 Daniel		K To Date	
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines	1	302.50	1 '	520.00	166.00	51.50	217.50	41.83%
	1	!	1 '	1 '	1			
	1	!	1	1	1			
		!	L'	l'				
	TOTALS:	302.50	TOTAL	520.00	166.00	51.50	217.50	41.83%
FF.	<b>SAFETY</b> (Details	s & Figures for Vesse	and Survey (	<b>Crews and Client</b>	Representati	ives)		
				1 1 de rate & Drille	Previous	The Indiana		
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	ct & HSE Briefings	1	·	1	
		Ships		e & Abandon Ship				
				/essel guided tour				
		Me		t / First Aid Cases			1	
				Tool Box Meetings		2	12	
				-		2	12	
				Incident Reports				
				Near Miss Reports				
			-	vation Card (SOB)		,	2	
				Observation Card	2		2	
					ļ'	ļ′		
	-	Irvey Man-Hours work	ed since start	of project or LTI.	280:40	44:00	324:40	
GG.	VESSEL ROB's	at 24:00hrs						-
		ļ	Fu	iel (T)	Lube	e Oil (L)	\	Water (T)
		ļ	L	!				
		ROB at 00:00 hrs	L		1			
		Consumed Today						
		Received today	ſ <u> </u>					
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HR	RS:					
Wind and waves rema	ain favorable.							
II.	ANTICIPATED F	PROGRAM NEXT 24	HRS:					
Will continue with surv	vey operations in sh	hallow areas to capitaliz	ze on mid morni	ng high tide.				
JJ.	PARTY CHIEF'S	S COMMENTS: (Opti	ional)					
		chief M. Kosakowski was		ssel and C.Morissett	e returned at mic	d-day.		
						-		
Tomorrow we will exploit	the mid morning high	n tide to try and survey sha	illow areas closer	to the bridge.				
KK.		IVE'S COMMENTS:	(Ontional)					
ΛΛ.	REPRESENTAT	IVE 3 COMMENTS.	(Optional)					
		,	r			T		
	For ALPINE	ļ	1		I	For	US Wind	
		ļ	1		I			
		ļ	1		I			
L		!	L					
	M. Kosakowski		1		I		L. Gionet-Ke	•
	Survey Party Chie	,	L			L	(Client Represe	,
Vessel:		lliam M	Project No:			Date:		october 2016
Client:	US	6 Wind	Location:	Indian Rive	r Bay, DE	Report No.		008
			Project.	Export Cable G	2 + C			

<b>ş Al</b> r	DINE A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location: Project:	In	William M US Wind ndian River Bay, DE Export Cable G + G		Т	Project No odays Date Report No Start Date	e: D:	1783 18 October 2016 9 10 October 2016
T TOJOOL	All times are	EST		(GMT -	5:00	hrs)	
AA.		TION AT 24:00 HRS:	:				
Description:	Rehoboth Bay Ma	arina	Latitude:			Longitude:	
BB.	WEATHER:						
Time	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	
00:00		4 E 1.4-	0144	. 4	40	alaar	
08:00 16:00		15 kts 15 kts	SW SW	< 1 < 1	10 10	clear clear	windy windy
24:00		10 KIS	300	< I	10	Cieai	winuy
	·	•	·				
CC.	PERSONNEL &						
C1. Party Chief:	Alpine OSS Per C. Morissette	sonnel:	Surveyor:				
-	P. Morton		Analog Eng.				
-	M. Kennedy		Analog Eng. Analog Eng.				
	Additional Pers	onnel	, sharog Eng.			1	
C4.	Personnel On E	Board:					
ALPINE:	3	CLIENT:	1	VESSEL:		OTHERS:	TOTAL 4
			1	VESSEL:		OTHERS:	TOTAL 4
C5.	3 ALPINE'S Equip			VESSEL:		OTHERS:	TOTAL 4
<b>C5.</b> S MV Oceanmaster	ALPINE'S Equip	pment:		VESSEL:		OTHERS:	TOTAL 4
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Banble Nav Beacon	ALPINE'S Equip	pment: Geometric G882 Magnet		VESSEL:		OTHERS:	TOTAL 4
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL 4
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon	ALPINE'S Equip	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL 4
<b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip athy System Additional Equi	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment	tometer		uipment)		
C5. S MV Oceanmaster getech 6205 Swath Banble Nav Beacon Intek Castaway CTD C6.	ALPINE'S Equip athy System Additional Equi	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment	tometer	f personnel / eq	uipment)	OTHERS:	
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon itek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment	tometer		uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment	tometer of changes of	f personnel / eq	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Banble Nav Beacon Intek Castaway CTD C6. C7. rsonnel: uipment:	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment	tometer of changes of	f personnel / equ Personnel:	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ban nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel	tometer of changes of	f personnel / equ Personnel:	uipment)		
C5. S MV Oceanmaster getech 6205 Swath Ban hole Nav Beacon itek Castaway CTD C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs	tometer of changes of Code	f personnel / equ Personnel: Equipment:		On Ves	sel
C5. S MV Oceanmaster getech 6205 Swath Ban hble Nav Beacon tek Castaway CTD C6. C7. rsonnel: uipment: DD. From 8:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEL To 10:15	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 2:15	tometer of changes of Code O	f personnel / equ Personnel: Equipment:			sel
C5. S MV Oceanmaster jetech 6205 Swath Ba hble Nav Beacon itek Castaway CTD C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs	tometer of changes of of code O O	f personnel / equ Personnel: Equipment: Arrive at vessel - t		On Ves	sel
C5. S MV Oceanmaster getech 6205 Swath Ban nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 8:00 10:15	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 10:15 17:00	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 2:15 6:45	tometer of changes of Code O O	f personnel / equ Personnel: Equipment: Arrive at vessel - to Run survey lines		On Ves	sel
C5. S MV Oceanmaster getech 6205 Swath Ban nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 8:00 10:15	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 10:15 17:00	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 2:15 6:45	tometer of changes of Code O O	f personnel / equ Personnel: Equipment: Arrive at vessel - to Run survey lines		On Ves	sel
C5. S MV Oceanmaster getech 6205 Swath Ban nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 8:00 10:15	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 10:15 17:00	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 2:15 6:45	tometer of changes of Code O O	f personnel / equ Personnel: Equipment: Arrive at vessel - to Run survey lines		On Ves	sel
C5. S MV Oceanmaster getech 6205 Swath Ban nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 8:00 10:15	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 10:15 17:00	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 2:15 6:45	tometer of changes of Code O O	f personnel / equ Personnel: Equipment: Arrive at vessel - to Run survey lines		On Ves	sel
C5. S MV Oceanmaster getech 6205 Swath Ban mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 8:00 10:15	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 10:15 17:00	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 2:15 6:45	tometer of changes of Code O O	f personnel / equ Personnel: Equipment: Arrive at vessel - to Run survey lines		On Ves	sel
C5. S MV Oceanmaster getech 6205 Swath Ban nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 8:00 10:15	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 10:15 17:00	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 2:15 6:45	tometer of changes of Code O O	f personnel / equ Personnel: Equipment: Arrive at vessel - to Run survey lines		On Ves	sel
C5. S MV Oceanmaster getech 6205 Swath Ban nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 8:00 10:15	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 10:15 17:00	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 2:15 6:45	tometer of changes of Code O O	f personnel / equ Personnel: Equipment: Arrive at vessel - to Run survey lines		On Ves	sel
C5. S MV Oceanmaster getech 6205 Swath Ban nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 8:00 10:15	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 10:15 17:00	pment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 ipment ons (include notices essel NTS TODAY: hrs 2:15 6:45	tometer of changes of Code O O	f personnel / equ Personnel: Equipment: Arrive at vessel - to Run survey lines		On Ves	sel

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours	L	Percent of Total
Mobilization			ļ	35:20	1	35:20	1	35.36
Transit			ļ		1		1	
Calibrations			ļ		1		1	
Operational		1	ļ	50:05	10:00	60:05	1	60.13
Weather Standby			ļ		1		1	
Standby on Client			,		1		1	
Vessel Downtime			,	4:30	1	4:30	1	4.50
Port Standby			,		1		1	
Survey Downtime			,		1		1	
Maintenance time			ļ		1		1	
Disputed Time			ļ		1		1	
MMO Shutdown	MMO	L	ΤΟΤΛΙ	00.55	40:00	00.55	<b> </b> '	400.000/
Hrs of I	Delle Operations		TOTAL	89:55	10:00	99:55	100.00	100.00%
	Daily Operations Survey Progress				lative hours	Check Value=	108.00	
E2. Description	Survey Frogress	s: Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines	!	252.90	Alea	520.00	217.50	49.60	267.10	51.37%
Pianneu Lines		202.90	1	520.00	217.50	49.00	207.10	51.3770
			1		1		1	
			1		1		1	
·,	TOTALS:	252.90	TOTAL	520.00	217.50	49.60	267.10	51.37%
FF.		s & Figures for Vesse					201.10	01.0770
	SALETT (Dotano	diriguies for vocco			Brovious	,		
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	ct & HSE Briefings		·	1	
		Ships	-	e & Abandon Ship			1	
				Vessel guided tour			1	
		Me		nt / First Aid Cases			1	
			г	Tool Box Meetings	12	2	14	
				Incident Reports	1		1	
			١	Near Miss Reports			1	
				vation Card (SOB)			2	
				Observation Card	2		2	
							l	
	-	rvey Man-Hours work	ked since start	of project or LTI.	324:40	40:00	364:40	
GG.	VESSEL ROB's	at 24:00hrs						
		ļ	Fu	uel (T)	Lube	e Oil (L)	<u> </u>	Water (T)
		ļ			L		<b> </b>	
		ROB at 00:00 hrs			<b> </b>		<b> </b>	
		Consumed Today			<b> </b>		<b> </b>	
		Received today			<b> </b>		<b>I</b>	
	THE OTED WE	ROB at 24:00 hrs			L		L	
HH. SW wind 7 to 9 kt. Sur		ATHER NEXT 24 HR	{S:					
	-							
		PROGRAM NEXT 24 survey shoal areas nea		ont				
		COMMENTS: (Opti						
		oal areas in the west near		We will continue doi	ng this tomorrow	and will likely finish	off that area by the $\epsilon$	and of the day.
					-			nd of the day.
Crew change tomorrow.	Client rep will stay off	the vessel so that we may	y train new crew w	with the old crew on t	oard for handov	ers. Client will return	ı on Thursday.	
KK.	REPRESENTAT	IVE'S COMMENTS:	(Ontional)					
AIX.	NEI NEVENIII.		(Optional)					
	For ALPINE	······	Г			For	US Wind	
		ļ	1				00	
		ļ						
		ļ	1					
<b> </b>	C. Morissette	+	+				L. Gionet-Ke	envon
(5	Survey Party Chief	ıf)	1				(Client Represe	•
Vessel:		liam M	Project No:	178	3	Date:	· ·	ortober 2016
Client:		Wind	Location:			Report No.		009
				Export Cable G	•			

<b>\$Al</b>	Dine A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location: Project:	In	William M US Wind dian River Bay, DE xport Cable G + G		Т	Project No odays Date Report No Start Date	e: D:	1783 19 October 2016 10 10 October 2016
	All times are	EST		(GMT -	5:00	hrs)	
AA.	VESSEL LOCAT	FION AT 24:00 HRS					
Description:	Rehoboth Bay Ma	arina	Latitude	:		Longitude:	
BB.	WEATHER:						
Time	BAROM	WIND	)	WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00							
08:00		20 kts	SW	0.75	10	Clear	windy
16:00		3 kts	SW	< 0.5	10	clear	very calm
24:00							
CC.	PERSONNEL &						
	Alpine OSS Per						
	C. Morissette		Survevor	r: R. Morris			
-	P. Morton		Analog Eng				
-	B. Manze		Analog Eng				
	Additional Pers	onnel	gg	,			
C3. Client Rep.	Client Personne	əl:					
C4.							
	Parsonnal ()n B	loard.					
	Personnel On B 4			VESSEL:		OTHERS:	TOTAL 4
ALPINE:		CLIENT:		VESSEL:		OTHERS:	TOTAL 4
ALPINE:		CLIENT:		VESSEL:		OTHERS:	TOTAL 4
ALPINE: <b>C5.</b> S MV Oceanmaster	4 ALPINE'S Equip	CLIENT: pment: Geometric G882 Magne		VESSEL:		OTHERS:	TOTAL 4
ALPINE: <b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba	4 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magne Edgetech 216S SBP		VESSEL:		OTHERS:	TOTAL 4
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon	4 ALPINE'S Equip	CLIENT: pment: Geometric G882 Magne		VESSEL:		OTHERS:	TOTAL 4
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	4 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magne Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL 4
ALPINE: <b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	4 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magne Edgetech 216S SBP CNAV 3050		VESSEL:		OTHERS:	TOTAL 4
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6.	4 ALPINE'S Equip athy System Additional Equi	CLIENT: Dement: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices	tometer		uipment)		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer	of personnel / equ	uipment)	OTHERS:	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	4 ALPINE'S Equip athy System Additional Equi	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer		uipment)		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel:	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer	of personnel / equ	uipment)		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel:	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer	of personnel / equ Personnel:	uipment)		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve: M. Kennedy; L. G	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon	tometer	of personnel / equ Personnel:	uipment)		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD.	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Vec M. Kennedy; L. G	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon	tometer	of personnel / equ Personnel:	uipment)		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve M. Kennedy; L. G DIARY OF EVEN To	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon	tometer	of personnel / equ Personnel: Equipment:		On Ves	sel
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 8:00	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ver M. Kennedy; L. G DIARY OF EVEN To 9:30	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon NTS TODAY: hrs 1:30	tometer	of personnel / equ Personnel: Equipment:	egin handov	On Ves	sel
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 8:00 9:30	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve M. Kennedy; L. G DIARY OF EVEN To 9:30 10:15	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon VTS TODAY: hrs 1:30 0:45	tometer	of personnel / equ Personnel: Equipment: Arrive at vessel - b Fuel vessel and tra	egin handov	On Ves	sel
ALPINE: C5. S MV Oceanmaster jetech 6205 Swath Ba nble Nav Beacon itek Castaway CTD C6. C7. C7. Sonnel: uipment: DD. From 8:00 9:30 10:15	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve: M. Kennedy; L. G DIARY OF EVEN To 9:30 10:15 17:30	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon VTS TODAY: hrs 1:30 0:45 7:15	tometer	of personnel / equ Personnel: Equipment: Equipment: Arrive at vessel - b Fuel vessel and tra Run survey lines	egin handov	On Ves	sel
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 8:00 9:30	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve: M. Kennedy; L. G DIARY OF EVEN To 9:30 10:15	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon VTS TODAY: hrs 1:30 0:45	tometer	of personnel / equ Personnel: Equipment: Arrive at vessel - b Fuel vessel and tra	egin handov ansit to suve	On Ves	sel
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 8:00 9:30 10:15	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve: M. Kennedy; L. G DIARY OF EVEN To 9:30 10:15 17:30	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon VTS TODAY: hrs 1:30 0:45 7:15	tometer	of personnel / equ Personnel: Equipment: Equipment: Arrive at vessel - b Fuel vessel and tra Run survey lines	egin handov ansit to suve	On Ves	sel
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 8:00 9:30 10:15	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve: M. Kennedy; L. G DIARY OF EVEN To 9:30 10:15 17:30	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon VTS TODAY: hrs 1:30 0:45 7:15	tometer	of personnel / equ Personnel: Equipment: Equipment: Arrive at vessel - b Fuel vessel and tra Run survey lines	egin handov ansit to suve	On Ves	sel
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 8:00 9:30 10:15	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve: M. Kennedy; L. G DIARY OF EVEN To 9:30 10:15 17:30	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon VTS TODAY: hrs 1:30 0:45 7:15	tometer	of personnel / equ Personnel: Equipment: Equipment: Arrive at vessel - b Fuel vessel and tra Run survey lines	egin handov ansit to suve	On Ves	sel
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 8:00 9:30 10:15	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve: M. Kennedy; L. G DIARY OF EVEN To 9:30 10:15 17:30	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon VTS TODAY: hrs 1:30 0:45 7:15	tometer	of personnel / equ Personnel: Equipment: Equipment: Arrive at vessel - b Fuel vessel and tra Run survey lines	egin handov ansit to suve	On Ves	sel
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 8:00 9:30 10:15	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve: M. Kennedy; L. G DIARY OF EVEN To 9:30 10:15 17:30	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon VTS TODAY: hrs 1:30 0:45 7:15	tometer	of personnel / equ Personnel: Equipment: Equipment: Arrive at vessel - b Fuel vessel and tra Run survey lines	egin handov ansit to suve	On Ves	sel
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 8:00 9:30 10:15	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve: M. Kennedy; L. G DIARY OF EVEN To 9:30 10:15 17:30	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon VTS TODAY: hrs 1:30 0:45 7:15	tometer	of personnel / equ Personnel: Equipment: Equipment: Arrive at vessel - b Fuel vessel and tra Run survey lines	egin handov ansit to suve	On Ves	sel
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 8:00 9:30 10:15	4 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve: M. Kennedy; L. G DIARY OF EVEN To 9:30 10:15 17:30	CLIENT: Geometric G882 Magne Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel ionet-Kenyon VTS TODAY: hrs 1:30 0:45 7:15	tometer	of personnel / equ Personnel: Equipment: Equipment: Arrive at vessel - b Fuel vessel and tra Run survey lines	egin handov ansit to suve	On Ves	sel

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			35:20		35:20		32.00
Transit	т							
Calibrations	С							
Operational	0			60:05	10:30	70:35		63.92
Weather Standby	W							
Standby on Client								
Vessel Downtime				4:30		4:30		4.08
Port Standby								
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
	WIWO		TOTAL	99:55	10:30	110:25		100.00%
Hrs of I	Daily Operations	10	TOTAL			Check Value=	120.00	100.00 /8
	Survey Progress			Guina	lative nours		120.00	
	Survey Progress	s. Km Left	A == =	Tatal Kar	Kee Drevi	To day / Kat	Km To Date	0/ Completed
Description			Area	Total Km	Km Prev	Today Km		% Completed
Planned Lines		216.00		520.00	267.10	36.90	304.00	58.46%
	TOTALS:		TOTAL	520.00	267.10	36.90	304.00	58.46%
FF.	<b>SAFETY</b> (Details	& Figures for Vesse	el and Survey (	Crews and Client	Representati	ves)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
				incidents & Dillis	Events	Today S Events	Events to Date	
			Projec	t & HSE Briefings	1	1	2	
		Ships	s Drill, MOB, Fire	e & Abandon Ship				
			$\vee$	essel guided tour				
		Me	edical Treatment	t / First Aid Cases	1		1	
			Т	ool Box Meetings	14	2	16	
				Incident Reports				
			Ν	lear Miss Reports				
				vation Card (SOB)	2		2	
			-	Observation Card		1	3	
				-	-		U	
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	364:40	42:00	406:40	
GG.	VESSEL ROB's	-		, ,				
			Fu	el (T)	Lube	e Oil (L)	l l	Nater (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXDECTED WE	ATHER NEXT 24 HF						
		ernoon. A slight chance		noon and 5pm S	Seas 1 ft or less	3		
	-	ROGRAM NEXT 24						
		e is low, and then run s		en it is high				
		d handover. Lower km nu		many line turns take	in shoal power	plant area		
Good day loday. New cre				many line turns take	r in shoar power	plant alea.		
inished off all that is poss	sible in the power plan	t area. Will look to widen	the remaining cor	ridor in areas that ar	e too shoal durin	g lower tides.		
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
Γ	C. Morissette							
(5	Survey Party Chie	f)					(Client Represe	ntative)
Vessel:	Wil	liam M	Project No:	178	3	Date:	19 0	ctober 2016
Client:	US	Wind	Location:		r Bay, DE	Report No.		010
				Export Cable G		•		

<b>ş Al</b> r	DINE A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location: Project:	In	William M US Wind dian River Bay, DE xport Cable G + G		1	Project No: Todays Date: Report No: Start Date:		1783 20 October 2016 11 10 October 2016
	All times are	EST		(GMT -	5:00	hrs)	
AA.	VESSEL LOCAT	TION AT 24:00 HRS	:				
	Rehoboth Bay Ma		Latitude	:		Longitude:	
	-						
BB. Time	WEATHER: BAROM	WIND	<b>`</b>	WAVE	VISIB.	SKY	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00		epood inpri	5			001100	
08:00		5 kts	S	< 1	3	hazy	haze and fog
16:00		20 kts	S	0.75	10	clear	windy
24:00							
CC.	PERSONNEL &						
C1.	Alpine OSS Per	sonnei:	0	. P. Morris			
	C. Morissette P. Morton		-	R. Morris			
	B. Manze		Analog Eng Analog Eng				
C2.	Additional Pers	onnel		- 		I	
C3.	Client Personne	el:					
Client Rep.	L. Gionet-Kenyon						
C4.	Personnel On B		I				
C4. ALPINE:		CLIENT:	1	VESSEL:		OTHERS:	TOTAL 4
ALPINE:	3	CLIENT:	1	VESSEL:		OTHERS:	TOTAL 4
ALPINE:		CLIENT:	1	VESSEL:		OTHERS:	TOTAL 4
ALPINE: C5.	3 ALPINE'S Equip	CLIENT: pment: Geometric G882 Magnet	1	VESSEL:		OTHERS:	TOTAL 4
ALPINE: C5. MV Oceanmaster etech 6205 Swath Ba	3 ALPINE'S Equip	CLIENT: Description Geometric G882 Magnet Edgetech 216S SBP	1	VESSEL:		OTHERS	TOTAL 4
ALPINE: C5. MV Oceanmaster etech 6205 Swath Ba ble Nav Beacon	3 ALPINE'S Equip	CLIENT: pment: Geometric G882 Magnet	1	VESSEL:		OTHERS:	TOTAL 4
ALPINE: C5. MV Oceanmaster etech 6205 Swath Ba ble Nav Beacon tek Castaway CTD	3 ALPINE'S Equip	CLIENT: Dement: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050	1	VESSEL:		OTHERS	TOTAL 4
ALPINE: C5. MV Oceanmaster etech 6205 Swath Ba ble Nav Beacon	3 ALPINE'S Equip	CLIENT: Dement: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050	1	VESSEL:		OTHERS	TOTAL 4
ALPINE: C5. MV Oceanmaster etech 6205 Swath Ba ble Nav Beacon tek Castaway CTD	3 ALPINE'S Equip	CLIENT: Dement: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050	1	VESSEL:		OTHERS	TOTAL 4
ALPINE: C5. MV Oceanmaster etech 6205 Swath Ba ble Nav Beacon tek Castaway CTD	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment	tometer			OTHERS	TOTAL 4
ALPINE: C5. MV Oceanmaster etech 6205 Swath Ba ble Nav Beacon tek Castaway CTD	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: ment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices	tometer		quipment)		
ALPINE: C5. WV Oceanmaster etech 6205 Swath Ba ble Nav Beacon tek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices	tometer	of personnel / e	quipment)	OTHERS:	
ALPINE: C5. WV Oceanmaster etech 6205 Swath Ba ble Nav Beacon tek Castaway CTD C6.	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: ment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices	tometer		quipment)		
ALPINE: C5. WV Oceanmaster tetch 6205 Swath Bable Nav Beacon tek Castaway CTD C6. C7. sonnel:	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: ment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices	tometer	of personnel / e	quipment)		
ALPINE: C5. WV Oceanmaster etech 6205 Swath Ba ble Nav Beacon tek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: ment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices	tometer	of personnel / e	quipment)		
ALPINE: C5. WV Oceanmaster tetch 6205 Swath Bable Nav Beacon tek Castaway CTD C6. C7. sonnel:	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: ment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices	tometer	of personnel / e	quipment)		
ALPINE: C5. WV Oceanmaster tetch 6205 Swath Bable Nav Beacon tek Castaway CTD C6. C7. sonnel:	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ver	CLIENT: ment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer	of personnel / e	quipment)		
ALPINE: C5. MV Oceanmaster etech 6205 Swath Ba ble Nav Beacon tek Castaway CTD C6. C7. sonnel: hipment:	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: ment: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer	of personnel / e	quipment)		
ALPINE: C5. MV Oceanmaster etech 6205 Swath Ba ble Nav Beacon tek Castaway CTD C6. C7. sonnel: hipment:	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ver DIARY OF EVER	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer s of changes	of personnel / e		On Ves	
ALPINE: C5. WV Oceanmaster etech 6205 Swath Ba ble Nav Beacon tek Castaway CTD C6. C7. sonnel: ipment: DD. From	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Vec DIARY OF EVEN To	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel	tometer s of changes Code	of personnel / en	fuel - transit to	On Ves	
ALPINE: C5. MV Oceanmaster etech 6205 Swath Ba ble Nav Beacon tek Castaway CTD C6. C7. sonnel: ipment: DD. From 8:00	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 9:15	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel VTS TODAY: hrs 1:15	s of changes Code O	of personnel / e	fuel - transit to lines in shoal a	On Ves	
ALPINE: C5. MV Oceanmaster etech 6205 Swath Bable Nav Beacon tek Castaway CTD C6. C7. sonnel: ipment: DD. From 8:00 9:15	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 9:15 14:15	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel VTS TODAY: hrs 1:15 5:00	s of changes Code O O O	of personnel / e	fuel - transit to lines in shoal a e power plant	On Ves	ssel
ALPINE: C5. WV Oceanmaster etech 6205 Swath Bable Nav Beacon tek Castaway CTD C6. C7. Sonnel: ipment: DD. From 8:00 9:15 14:15	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 9:15 14:15 17:15	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel VTS TODAY: hrs 1:15 5:00 3:00	s of changes Code O O O O O O O	of personnel / e Personnel: Equipment: Arrive at vessel - Run survey main Run infills near the	fuel - transit to lines in shoal a e power plant	On Ves	ssel
ALPINE: C5. WV Oceanmaster etech 6205 Swath Bable Nav Beacon tek Castaway CTD C6. C7. Sonnel: ipment: DD. From 8:00 9:15 14:15	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 9:15 14:15 17:15	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel VTS TODAY: hrs 1:15 5:00 3:00	s of changes Code O O O O O O O	of personnel / e Personnel: Equipment: Arrive at vessel - Run survey main Run infills near the	fuel - transit to lines in shoal a e power plant	On Ves	ssel
ALPINE: C5. WV Oceanmaster etech 6205 Swath Bable Nav Beacon tek Castaway CTD C6. C7. Sonnel: ipment: DD. From 8:00 9:15 14:15	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 9:15 14:15 17:15	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel VTS TODAY: hrs 1:15 5:00 3:00	s of changes Code O O O O O O O	of personnel / e Personnel: Equipment: Arrive at vessel - Run survey main Run infills near the	fuel - transit to lines in shoal a e power plant	On Ves	ssel
ALPINE: C5. WV Oceanmaster etech 6205 Swath Bable Nav Beacon tek Castaway CTD C6. C7. Sonnel: ipment: DD. From 8:00 9:15 14:15	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 9:15 14:15 17:15	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel VTS TODAY: hrs 1:15 5:00 3:00	s of changes Code O O O O O O O	of personnel / e Personnel: Equipment: Arrive at vessel - Run survey main Run infills near the	fuel - transit to lines in shoal a e power plant	On Ves	ssel
ALPINE: C5. WV Oceanmaster etech 6205 Swath Bable Nav Beacon tek Castaway CTD C6. C7. Sonnel: ipment: DD. From 8:00 9:15 14:15	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 9:15 14:15 17:15	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel VTS TODAY: hrs 1:15 5:00 3:00	s of changes Code O O O O O O O	of personnel / e Personnel: Equipment: Arrive at vessel - Run survey main Run infills near the	fuel - transit to lines in shoal a e power plant	On Ves	ssel
ALPINE: C5. WV Oceanmaster etech 6205 Swath Bable Nav Beacon tek Castaway CTD C6. C7. Sonnel: ipment: DD. From 8:00 9:15 14:15	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 9:15 14:15 17:15	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel VTS TODAY: hrs 1:15 5:00 3:00	s of changes Code O O O O O O O	of personnel / e Personnel: Equipment: Arrive at vessel - Run survey main Run infills near the	fuel - transit to lines in shoal a e power plant	On Ves	ssel
ALPINE: C5. WV Oceanmaster etech 6205 Swath Bable Nav Beacon tek Castaway CTD C6. C7. Sonnel: ipment: DD. From 8:00 9:15 14:15	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 9:15 14:15 17:15	CLIENT: Geometric G882 Magnet Edgetech 216S SBP CNAV 3050 pment ns (include notices ssel VTS TODAY: hrs 1:15 5:00 3:00	s of changes Code O O O O O O O	of personnel / e Personnel: Equipment: Arrive at vessel - Run survey main Run infills near the	fuel - transit to lines in shoal a e power plant	On Ves	ssel

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	M			35:20		35:20		29.22
Transit	т С							
Calibrations Operational				70:35	10:30	81:05		67.06
Weather Standby	w			70.00	10.00	01.00		07.00
Standby on Client	S							
Vessel Downtime	VD			4:30		4:30		3.72
Port Standby	PS							
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO							
line of f		10	TOTAL	110:25	10:30	120:55	100.00	100.00%
	Daily Operations Survey Progres			Cumui	ative Hours	Check Value=	132.00	
Description	Survey Flogres	s. Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		176.50	Alea	520.00	304.00	39.50	343.50	66.06%
		110.00		020.00	001.00	00.00	010.00	00.0070
	TOTALS:		TOTAL	520.00	304.00	39.50	343.50	66.06%
FF.	SAFETY (Details	s & Figures for Vess	el and Survey	Crews and Clien	t Representa	tives)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
					Events			
		01	-	t & HSE Briefings	2		2	
		Snips		e & Abandon Ship /essel guided tour				
		M		t / First Aid Cases	1		1	
		IVIC		ool Box Meetings	16	2	18	
				Incident Reports	10	2	10	
			٩	Vear Miss Reports				
				vation Card (SOB)	2		2	
				Observation Card	3		3	
				-				
		rvey Man-Hours work	ed since start	of project or LTI.	406:40	42:00	448:40	
GG.	VESSEL ROB's	at 24:00hrs		al (T)	Luka			Matar (T)
			Fu	el (T)	LUDE	e Oil (L)		Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
		ATHER NEXT 24 H						
Variable winds less that or less.	an 5 kt becoming S	SW 5 to 8 kt in the afte	rnoon. Areas of	drizzle before 10a	m, then showe	rs likely, mainly af	ter 5pm. Areas of fo	og before 10am. Seas 1 ft
		PROGRAM NEXT 24 le at 13:45. Will run ma		igh tide				
		COMMENTS: (Opt		ight lide.				
			•	lines, near the publi	c boat launch. W	e also went back to	the power plant and	got the best coverage possible
during high tide.								
We ended the day runnir	ng infill in the powerpl	ant, and we achieved 100	% bathymetry cov	verage for a majority	of the 80 m corri	dor near the powerp	lant.	
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
						_		
	For ALPINE					For	US Wind	
	C. Morissette						L. Gionet-Ke	nvon
(5	Survey Party Chie	ef)					(Client Represe	•
Vessel:	, ,	liam M	Project No:	178	3	Date:	\ I	ctober 2016
Client:		Wind	Location:			Report No.		011
			Project:	Export Cable G				

\$ AI	A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location:	In	William M US Wind dian River Bay, DE		I	Project No odays Date Report No	:	1783 21 October 2016 12
Project:		xport Cable G + G			Start Date		10 October 2016
	All times are	EST		(GMT -	5:00	hrs)	
Description:	VESSEL LOCAT	FION AT 24:00 HRS: na. DE		38 41 15 N		Longitude: 7	75 04 34 W
						20119114401	
BB.	WEATHER:	WIND			VICID	SKY	
Time (Local)	BAROM mb	Speed mph	Dir	WAVE HEIGHT m	VISIB.	SKY CONDS	REMARKS
00:00		Speed hiph	DII		1010	CONDS	
08:00		5-10	SE	< 1		Sunny	
16:00		5-10	SE	<1		Partial Cloud	
24:00							
	PERSONNEL &						
C1.	Alpine OSS Per						
	S. MacDonald			B. Manze			
Shift Supervisor:			Analog Eng.				
Surveyor:			Analog Eng.				
C2.	Additional Pers	onnel					
	Client Personne	el:					
Client Rep.							
	Personnel On B						
ALPINE:	3	CLIENT:		VESSEL:		OTHERS:	TOTAL 3
	ALPINE'S Equip	ment:					
S MV Oceanmaster		Geometric G882 Magnet	ometer				
getech 6205 Swath Ba	athy System	Edgetech 216 - 3100P SE	BP				
nble Nav Beacon							
ntek Castaway CTD							
	Additional Equi	pment		•			• •
		_					
rsonnel·	Off Ve C. Morissette	ssel		Personnel	S. MacDonal	On Vess	sel
rsonnel:	Off Ve C. Morissette	ssel		Personnel:	S. MacDonal		sel
		ssel		Personnel: Equipment:	S. MacDonal		sel
		ssel			S. MacDonal		sel
					S. MacDonal		sel
uipment:	C. Morissette		Code	Equipment:		d	sel
uipment: DD.	C. Morissette DIARY OF EVEN To 7:30	NTS TODAY:		Equipment:	ning Toolbox	d	sel
uipment: DD. From	C. Morissette DIARY OF EVEN To	NTS TODAY:	Code O O	Equipment: Depart hotel, morr Fuel vessel, dock	ning Toolbox side checks	id meeting	sel
uipment: DD. From 7:00 7:30 8:30	C. Morissette DIARY OF EVEN To 7:30 8:30 9:30	NTS TODAY: hrs 0:30 1:00 1:00	Code O O O	Equipment: Depart hotel, morr Fuel vessel, dock Depart for survey	ning Toolbox side checks area during lo	id meeting	sel
uipment: DD. From 7:00 7:30 8:30 9:30	C. Morissette DIARY OF EVEI To 7:30 8:30 9:30 17:45	NTS TODAY: hrs 0:30 1:00 1:00 8:15	Code O O O O O	Equipment: Depart hotel, morr Fuel vessel, dock Depart for survey Survey operations	ning Toolbox side checks area during lo	id meeting	sel
<b>DD.</b> From 7:00 7:30 8:30 9:30 17:45	C. Morissette	NTS TODAY: hrs 0:30 1:00 1:00 8:15 0:30	Code O O O O O O O	Equipment: Depart hotel, morr Fuel vessel, dock Depart for survey Survey operations Transit to Rehobo	ning Toolbox side checks area during lo	id meeting ow tide	sel
UIPMENT: DD. From 7:00 7:30 8:30 9:30	C. Morissette DIARY OF EVEI To 7:30 8:30 9:30 17:45	NTS TODAY: hrs 0:30 1:00 1:00 8:15	Code O O O O O	Equipment: Depart hotel, morr Fuel vessel, dock Depart for survey Survey operations	ning Toolbox side checks area during lo	id meeting ow tide	sel
uipment: DD. From 7:00 7:30 8:30 9:30 17:45	C. Morissette	NTS TODAY: hrs 0:30 1:00 1:00 8:15 0:30	Code O O O O O O O	Equipment: Depart hotel, morr Fuel vessel, dock Depart for survey Survey operations Transit to Rehobo	ning Toolbox side checks area during lo	id meeting ow tide	sel
From 7:00 7:30 8:30 9:30 17:45	C. Morissette	NTS TODAY: hrs 0:30 1:00 1:00 8:15 0:30	Code O O O O O O O	Equipment: Depart hotel, morr Fuel vessel, dock Depart for survey Survey operations Transit to Rehobo	ning Toolbox side checks area during lo	id meeting ow tide	sel
uipment: DD. From 7:00 7:30 8:30 9:30 17:45	C. Morissette	NTS TODAY: hrs 0:30 1:00 1:00 8:15 0:30	Code O O O O O O O	Equipment: Depart hotel, morr Fuel vessel, dock Depart for survey Survey operations Transit to Rehobo	ning Toolbox side checks area during lo	id meeting ow tide	sel
uipment: DD. From 7:00 7:30 8:30 9:30 17:45	C. Morissette	NTS TODAY: hrs 0:30 1:00 1:00 8:15 0:30	Code O O O O O O O	Equipment: Depart hotel, morr Fuel vessel, dock Depart for survey Survey operations Transit to Rehobo	ning Toolbox side checks area during lo	id meeting ow tide	sel
uipment: DD. From 7:00 7:30 8:30 9:30 17:45	C. Morissette	NTS TODAY: hrs 0:30 1:00 1:00 8:15 0:30	Code O O O O O O O	Equipment: Depart hotel, morr Fuel vessel, dock Depart for survey Survey operations Transit to Rehobo	ning Toolbox side checks area during lo	id meeting ow tide	sel

	PROJECT DATA	4:						
	Time Summary:							
				Previous	Today	Total		
Rate	Code	1		Hours	Hours	Hours	1	Percent of Total
Mobilization	М			35:20	1	35:20		26.58
Transit	т	1			1	· · · · · · · · · · · · · · · · · · ·	1	
Calibrations	с	I	I	'	ĺ	/	1	
Operational	0	I	I	81:05	12:00	93:05	1	70.03
Weather Standby		I	I	'	ĺ	1	1	
Standby on Client		I	I	'	ĺ	/	1	
Vessel Downtime	VD	i	,	4:30	Í	4:30	1	3.39
Port Standby		i	,	1.00	Í		1	0.00
Survey Downtime		i	,		Í	!	1	
Maintenance time	MT	i	,		Í	!	1	
Disputed Time	DT	i	,		Í	!	1	
MMO Shutdown	MMO	1	I		Í	/	1	
			TOTAL	120:55	12:00	132:55	ł'	100.00%
Hrs of [	Daily Operations		TUTAL			Check Value=	144.00	100.00%
					ative nours	Check value-	144.00	
	Survey Progress	1	A	Tatal Km	Kim Drovi	Taday Km	Ken Te Data	0/ Completed
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		135.50	1	520.00	343.50	41.00	384.50	73.94%
		1 1	1	'	ĺ	'	1	
		i	1	'	ĺ	/	1	
		L	ļ'	<u> </u>		<u> </u>	<b> </b> '	
	TOTALS:		TOTAL	520.00	343.50	41.00	384.50	73.94%
FF.	SAFETY (Details	& Figures for Vesse	and Survey (	Crews and Client	Representati	ives)		1
				Incidents & Drills	Previous	Today's Events	Events To Date	
					Events			
			-	ct & HSE Briefings		!	2	
		Ships	; Drill, MOB, Fire	e & Abandon Ship	ĺ	/	1	
			V	/essel guided tour	ĺ	/	1	
		Me	dical Treatmen [®]	it / First Aid Cases	1	/	1	
			т	Tool Box Meetings	18	1	19	
				Incident Reports	ĺ	'	1	
			Ν	Near Miss Reports	ĺ	/	1	
			Savety Observ	vation Card (SOB)	2	!	2	
				Observation Card		'	3	
				_!	Í	!	1	
	No. of sur	rvey Man-Hours work	ed since start	of project or LTI.	448:40	36:00	484:40	1
GG.	VESSEL ROB's							<u> </u>
			Fu	uel (T)	Lubr	e Oil (L)	· ·	Water (T)
		1						
		ROB at 00:00 hrs		+				
		Consumed Today			i		ł	
		Received today			i		ł	
		ROB at 24:00 hrs			<u> </u>		l –	
HH.	EXPECTED WE	ATHER NEXT 24 HR						
		h as 36 kt. A chance of		Iv before 8am. Se	as 1 ft or less.			
		PROGRAM NEXT 24						
		data QC if weather doe		rvev operations				
		COMMENTS: (Opti						
		COMMENTO. (Opt	onarj					
	DEDDECENTAT		(Ontional)					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
		·	1			T	110 Min d	
	For ALPINE	ļ	1			FUI	US Wind	
		ļ						
	S. MacDonald							
,	Survey Party Chie	,	1				(Client Represe	,
Vessel:		liam M	Project No:	178	,3	Date:	21 0	ctober 2016
Client:	US	Wind	Location:		-	Report No.		012

<b>S</b> Alr	Dine A GARDLINE COMPANY						DAILY REPORT	
Vessel:		William M			Project No		1783	
Client:		US Wind		Ţ	odays Date		22 October 2016	
Location:		idian River Bay, DE			Report No		13	
Project:		Export Cable G + G			Start Date		10 October 2016	
	All times are	EST		(GMT -	5:00	hrs)		
	VESSEL LOCAT	TION AT 24:00 HRS:		38 41 15 N		Longitude:	75 04 34 W	
Description.	Kenoboth Marin		Lauluue.	30 41 13 14		Longitude.	75 04 54 W	
BB.	WEATHER:							
Time	BAROM	WIND	)	WAVE	VISIB.	SKY	REMARKS	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REWARNS	
00:00								
08:00		25-30	NW	1	5	Overcast, rain	Sustained winds 25, gus	
16:00		20-25	NW	1	5	Overcast, rain	Sustained winds 20, gu	sts over 3
24:00								
		FOUNDATION						
	PERSONNEL &							
	Alpine OSS Per S. MacDonald	sonnei:	Q	B. Manze				
=				D. WIATIZE				
Shift Supervisor: Surveyor:			Analog Eng. Analog Eng.					
Surveyor: C2.	Additional Pers	onnel	Analog Eng.			1		
C3.	Client Personne	el:						
Client Rep.								
<u>.</u>								
C4.		Na a suda						
	Personnel On E			VESSEL				
ALPINE:	Personnel On E 3	Board: CLIENT:		VESSEL:		OTHERS:	TC	DTAL 3
ALPINE:	3	CLIENT:		VESSEL:		OTHERS:	тс	DTAL 3
ALPINE: C5.		CLIENT:	ometer	VESSEL:		OTHERS:		DTAL 3
ALPINE: <b>C5.</b> S MV Oceanmaster	3 ALPINE'S Equip	CLIENT:		VESSEL:		OTHERS:		DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba	3 ALPINE'S Equip	CLIENT: pment: Geometric G882 Magnete		VESSEL:		OTHERS:		DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon	3 ALPINE'S Equip	CLIENT: pment: Geometric G882 Magnete		VESSEL:		OTHERS:		DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD	3 ALPINE'S Equip	CLIENT: oment: Geometric G882 Magnete Edgetech 216 - 3100P St		VESSEL:		OTHERS:		DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD	3 ALPINE'S Equip athy System	CLIENT: oment: Geometric G882 Magnete Edgetech 216 - 3100P St		VESSEL:		OTHERS:		DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	3 ALPINE'S Equip athy System	CLIENT: oment: Geometric G882 Magnete Edgetech 216 - 3100P St		VESSEL:		OTHERS:		DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: pment: Geometric G882 Magnete Edgetech 216 - 3100P SE ipment	BP			OTHERS:		DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6.	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SE pment pment ons (include notices	BP		uipment)			DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SE pment pment ons (include notices	BP	f personnel / eq	uipment)	OTHERS:		DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SE pment pment ons (include notices	BP		uipment)			DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel:	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SE pment pment ons (include notices	BP	f personnel / eq	uipment)			DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel:	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SE pment pment ons (include notices	BP	f personnel / eq Personnel:	uipment)			DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel:	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SE pment pment ons (include notices	BP	f personnel / eq Personnel:	uipment)			
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SE ment	BP	f personnel / eq Personnel:	uipment)			
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ttek Castaway CTD C6. C7. rsonnel: uipment:	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SE ment	BP	f personnel / eq Personnel: Equipment:		On Ves		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD.	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SE pment ons (include notices assel	of changes o	f personnel / eq Personnel:		On Ves		DTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEL To	CLIENT: pment: Geometric G882 Magnete Edgetech 216 - 3100P SE pment pment ons (include notices assel NTS TODAY: hrs	of changes o	f personnel / eq Personnel: Equipment: Morning meeting, Secure vessel wit	check weather	On Ves	sel	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:30	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 8:30	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SE ipment ipment ms (include notices issel NTS TODAY: hrs 1:00	of changes o	f personnel / eq Personnel: Equipment: Morning meeting, Secure vessel wit Hotel based data	check weath h additional d review for cov	On Ves On Ves	sel	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:30 8:30	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve DIARY OF EVEI To 8:30 9:00	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SE ipment ipment ms (include notices issel NTS TODAY: hrs 1:00 0:30	of changes o	f personnel / eq Personnel: Equipment: Morning meeting, Secure vessel wit	check weath h additional d review for cov	On Ves On Ves	sel	
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KK.	REPRESENTATI	IVE'S COMMENTS:	(Optional)					
			. <u> </u>					
	For ALPINE					For	US Wind	
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	S. MacDonald							
(5	Survey Party Chie						(Client Represe	
Vessel:		liam M	Project No:			Date:	22 O	ctober 2016
Client:	US	Wind	Location:		-	Report No.		013
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<u>s Air</u>	Dine A GARDLINE COMPANY						DAILY REPORT
Vessel:		William M			Project No		1783
Client:		US Wind		٦	odays Date		23 October 2016
Location:		dian River Bay, DE			Report No		14
Project:	E	xport Cable G + G			Start Date	:	10 October 2016
	All times are	EST		(GMT -	5:00	hrs)	
AA. Description:	VESSEL LOCAT Rehoboth Marin	ION AT 24:00 HRS		38 41 15 N		Longitude:	75 04 34 W
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CC. C1.	PERSONNEL & Alpine OSS Per						
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Shift Supervisor:	R. Morris		Analog Eng.				
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letech 6205 Swath B nble Nav Beacon ttek Castaway CTD <b>C6.</b>	Additional Equi	Geometric G882 Magne Edgetech 216 - 3100P S oment ns (include notices	BP	f personnel / eq	uipment)	On Ves	isel
etech 6205 Swath B hble Nav Beacon tek Castaway CTD C6. C7.	Additional Equi	Geometric G882 Magne Edgetech 216 - 3100P S oment ns (include notices	BP		uipment)	On Ves	sel
etech 6205 Swath B nble Nav Beacon itek Castaway CTD C6. C7. rsonnel: uipment:	Additional Equi Project Variatio Off Ve	Geometric G882 Magne Edgetech 216 - 3100P S oment ns (include notices ssel	BP	Personnel:	uipment)	On Ves	sel
etech 6205 Swath B nble Nav Beacon itek Castaway CTD C6. C7. rsonnel: uipment:	Additional Equi Project Variatio Off Ve	Geometric G882 Magne Edgetech 216 - 3100P S oment ns (include notices ssel	BP	Personnel:	uipment)	On Ves	sel
etech 6205 Swath B nble Nav Beacon itek Castaway CTD C6. C7. rsonnel: uipment: DD. From	Additional Equi Project Variatio Off Ver DIARY OF EVEN To	Geometric G882 Magne Edgetech 216 - 3100P S oment ns (include notices ssel ITS TODAY: hrs	BP of changes o	Personnel: Equipment:			sel
etech 6205 Swath B nble Nav Beacon itek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:30	Additional Equi Additional Equi Project Variatio Off Ve Off Ve DIARY OF EVEN To 8:30	Geometric G882 Magne Edgetech 216 - 3100P S oment ns (include notices asel ITS TODAY: hrs 1:00	BP of changes o	Personnel: Equipment: Morning meeting,	check weath	er, head to vessel	
etech 6205 Swath B nble Nav Beacon itek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:30 8:30	Additional Equi Additional Equi Project Variatio Off Ve: DIARY OF EVEN To 8:30 9:00	Geometric G882 Magne Edgetech 216 - 3100P S oment ns (include notices asel ITS TODAY: hrs 1:00 0:30	BP of changes of Code W W	Personnel: Equipment: Morning meeting, Inspect dock lines	check weath for continued	er, head to vessel d inclement weathe	r, head back to hotel
etech 6205 Swath B nble Nav Beacon tek Castaway CTD C6. C7. C7. Sonnel: Lipment: DD. From 7:30 8:30 9:00	Additional Equi Additional Equi Project Variatio Off Ve: DIARY OF EVEN To 8:30 9:00 18:30	Geometric G882 Magne Edgetech 216 - 3100P S oment ns (include notices ssel ITS TODAY: hrs 1:00 0:30 9:30	BP of changes of Code W W W W	Personnel: Equipment: Morning meeting, Inspect dock lines Hotel based data	check weath for continued review for continued	er, head to vessel d inclement weathe verage, and infill lin	r, head back to hotel
etech 6205 Swath B nble Nav Beacon itek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:30 8:30	Additional Equi Additional Equi Project Variatio Off Ve: DIARY OF EVEN To 8:30 9:00	Geometric G882 Magne Edgetech 216 - 3100P S oment ns (include notices asel ITS TODAY: hrs 1:00 0:30	BP of changes of Code W W	Personnel: Equipment: Morning meeting, Inspect dock lines	check weath for continued review for continued	er, head to vessel d inclement weathe verage, and infill lin	r, head back to hotel
etech 6205 Swath B nble Nav Beacon itek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:30 8:30 9:00	Additional Equi Additional Equi Project Variatio Off Ve: DIARY OF EVEN To 8:30 9:00 18:30	Geometric G882 Magne Edgetech 216 - 3100P S oment ns (include notices ssel ITS TODAY: hrs 1:00 0:30 9:30	BP of changes of Code W W W W	Personnel: Equipment: Morning meeting, Inspect dock lines Hotel based data	check weath for continued review for continued	er, head to vessel d inclement weathe verage, and infill lin	r, head back to hotel

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			35:20		35:20		22.52
Transit	т							
Calibrations	С							
Operational	0			94:05		94:05		59.96
Weather Standby	w			11:00	12:00	23:00		14.66
Standby on Client								
Vessel Downtime	VD			4:30		4:30		2.87
Port Standby								
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	ММО							
Mino onddown	MINIO		TOTAL	144:55	12:00	156:55		100.00%
Hrs of [	Daily Operations		101/12			Check Value=	168.00	100.00 //
	Survey Progres						100.00	
Description	ourroy rrogroo	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		135.50	7100	520.00	384.50	Today Niii	384.50	73.94%
Fiaimed Lines		135.50		520.00	364.50		304.30	73.94%
	TOTALO	105.50		500.00	004 50			70.040/
	TOTALS:		TOTAL	520.00	384.50		384.50	73.94%
FF.	SAFETY (Details	& Figures for Vesse	ei and Survey (	Crews and Client		ives)		
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Desis				0	
		01.1	-	t & HSE Briefings	2		2	
		Ships		e & Abandon Ship				
				essel guided tour				
		Me		t / First Aid Cases	1		1	
			Т	ool Box Meetings	19		19	
				Incident Reports				
			N	lear Miss Reports				
			Savety Observ	vation Card (SOB)	2		2	
				Observation Card	3		3	
				-				
		rvey Man-Hours work	ed since start	of project or LTI.	520:40	36:00	556:40	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	el (T)	Lube	e Oil (L)	· · · · · ·	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
		ATHER NEXT 24 HF						
		9 kt in the morning. W		as high as 27 kt.				
		ROGRAM NEXT 24						
		eather permits. Came		o resume onsite P	arty Chief dutie	es tomorrow.		
JJ.	PARTY CHIEF'S	COMMENTS: (Opti	ional)					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
	S. MacDonald							
(9	Survey Party Chie	ef)					(Client Represe	ntative)
Vessel:		liam M	Project No:	178	3	Date:	, .	ctober 2016
Client:		Wind	Location:			Report No.	200	014
Onorit.	50			Export Cable G	-	Roport NO.		

<b>ş) Al</b> r	DINE						DAILY REPORT
Vessel:	:	William M			Project No		1783
Client:		US Wind		٦	Fodays Date		24 October 2016
Location:		dian River Bay, DE			Report No		15
Project:	E	xport Cable G + G			Start Date	9:	10 October 2016
	All times are	EST		(GMT -	5:00	hrs)	
<b>AA.</b> Description:		TION AT 24:00 HRS	: Latitude	<b>.</b>		Longitude:	
Description.			Laiiuude			Longitude.	
BB.	WEATHER:	-					
Time	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	
00:00		AFLA	K 11 A /		10		
08:00 16:00		15 kts	NW NW	< 1 0.5	10	clear P. Cloudy	Wind and waves picking up
16:00 24:00		20 kts	INVV	0.5	5	P. Cloudy	wind and waves picking up
200	1	1	1	1		1 1	
CC.	PERSONNEL &	EQUIPMENT:					
C1.	Alpine OSS Per	sonnel:					
-	C. Morissette		_	r: R. Morris			
Shift Supervisor:			Analog Eng	-			
	P. Morton	onnol	Analog Eng	g.			
C2.	Additional Pers	onnei					
C3.	Client Personne	el:					
Client Rep.							
C4.	Personnel On B	oard:					
ALPINE:	-						
	: 3	CLIENT		VESSEL:		OTHERS:	TOTAL 3
				VESSEL:		OTHERS:	TOTAL 3
C5.	ALPINE'S Equip	pment:		VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster	ALPINE'S Equip	Geometric G882 Magne	tometer	VESSEL:		OTHERS:	TOTAL 3
C5. S MV Oceanmaster getech 6205 Swath B	ALPINE'S Equip	pment:	tometer	VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster getech 6205 Swath B nble Nav Beacon	ALPINE'S Equip	Geometric G882 Magne	tometer	VESSEL:		OTHERS:	TOTAL 3
<b>C5.</b> S MV Oceanmaster getech 6205 Swath B nble Nav Beacon	ALPINE'S Equip	Geometric G882 Magne Edgetech 216 - 3100P S	tometer	VESSEL:		OTHERS:	TOTAL 3
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip	Geometric G882 Magne Edgetech 216 - 3100P S	tometer	VESSEL:		OTHERS	TOTAL 3
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip	Geometric G882 Magne Edgetech 216 - 3100P S	tometer	VESSEL:		OTHERS:	TOTAL 3
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6.	ALPINE'S Equip	Geometric G882 Magne Edgetech 216 - 3100P S pment	tometer SBP			OTHERS:	TOTAL 3
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD	ALPINE'S Equip athy System Additional Equi	Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices	tometer SBP		uipment)		
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6.	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	Geoment: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP	of personnel / eq		On Ves	
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6.	ALPINE'S Equip athy System Additional Equi	Geoment: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP	of personnel / eq			
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6.	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	Geoment: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP	of personnel / eq		On Ves	
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6. C7.	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	Geoment: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP	of personnel / eq Personnel:		On Ves	
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B.	Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel Manze	tometer SBP	of personnel / eq Personnel:		On Ves	
C5. S MV Oceanmaster getech 6205 Swath Ban nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B.	Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel Manze	s of changes	of personnel / eq Personnel:		On Ves	
C5. S MV Oceanmaster getech 6205 Swath Bin nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B. DIARY OF EVEN To	ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel Manze NTS TODAY: hrs	s of changes	of personnel / eq Personnel: Equipment:	C. Morissett	On Ves te; P. Morton	
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B. DIARY OF EVEN To 10:00	ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ms (include notices ssel Manze Manze NTS TODAY: hrs 3:00	s of changes	of personnel / eq Personnel: Equipment: Arrive at vessel - t	C. Morissett	On Ves te; P. Morton	
C5. S MV Oceanmaster getech 6205 Swath Binble Nav Beacon Intek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 10:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B. DIARY OF EVEN To 10:00 11:30	ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel Manze NTS TODAY: hrs 3:00 1:30	s of changes	of personnel / eq Personnel: Equipment: Arrive at vessel - t Run calibration ch	C. Morissett	On Ves te; P. Morton	
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B. DIARY OF EVEN To 10:00	ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ms (include notices ssel Manze Manze NTS TODAY: hrs 3:00	s of changes	of personnel / eq Personnel: Equipment: Arrive at vessel - t	C. Morissett	On Ves te; P. Morton	
C5. S MV Oceanmaster getech 6205 Swath Binble Nav Beacon Intek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 10:00 11:30	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B. DIARY OF EVEN To 10:00 11:30 12:00	ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel Manze NTS TODAY: hrs 3:00 1:30 0:30	s of changes Code O O O O O O	of personnel / eq Personnel: Equipment: Arrive at vessel - t Run calibration ch Crew change	C. Morissett	On Ves te; P. Morton	
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 10:00 11:30 12:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B. DIARY OF EVEN To 10:00 11:30 12:00 18:00	ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ms (include notices ssel Manze VTS TODAY: hrs 3:00 1:30 0:30 6:00	s of changes Code O O O O O O O O O O O O O O O O O O O	of personnel / eq Personnel: Equipment: Arrive at vessel - t Run calibration ch Crew change Run infills and ma	C. Morissett	On Ves te; P. Morton	
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 10:00 11:30 12:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B. DIARY OF EVEN To 10:00 11:30 12:00 18:00	ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ms (include notices ssel Manze VTS TODAY: hrs 3:00 1:30 0:30 6:00	s of changes Code O O O O O O O O O O O O O O O O O O O	of personnel / eq Personnel: Equipment: Arrive at vessel - t Run calibration ch Crew change Run infills and ma	C. Morissett	On Ves te; P. Morton	
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 10:00 11:30 12:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B. DIARY OF EVEN To 10:00 11:30 12:00 18:00	ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ms (include notices ssel Manze VTS TODAY: hrs 3:00 1:30 0:30 6:00	s of changes Code O O O O O O O O O O O O O O O O O O O	of personnel / eq Personnel: Equipment: Arrive at vessel - t Run calibration ch Crew change Run infills and ma	C. Morissett	On Ves te; P. Morton	
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 10:00 11:30 12:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B. DIARY OF EVEN To 10:00 11:30 12:00 18:00	ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ms (include notices ssel Manze VTS TODAY: hrs 3:00 1:30 0:30 6:00	s of changes Code O O O O O O O O O O O O O O O O O O O	of personnel / eq Personnel: Equipment: Arrive at vessel - t Run calibration ch Crew change Run infills and ma	C. Morissett	On Ves te; P. Morton	
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 10:00 11:30 12:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B. DIARY OF EVEN To 10:00 11:30 12:00 18:00	ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ms (include notices ssel Manze VTS TODAY: hrs 3:00 1:30 0:30 6:00	s of changes Code O O O O O O O O O O O O O O O O O O O	of personnel / eq Personnel: Equipment: Arrive at vessel - t Run calibration ch Crew change Run infills and ma	C. Morissett	On Ves te; P. Morton	
C5. S MV Oceanmaster getech 6205 Swath B nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 10:00 11:30 12:00	ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve S. MacDonald; B. DIARY OF EVEN To 10:00 11:30 12:00 18:00	ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ms (include notices ssel Manze VTS TODAY: hrs 3:00 1:30 0:30 6:00	s of changes Code O O O O O O O O O O O O O O O O O O O	of personnel / eq Personnel: Equipment: Arrive at vessel - t Run calibration ch Crew change Run infills and ma	C. Morissett	On Ves te; P. Morton	

EE.	PROJECT DATA	<b>\:</b>						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			35:20		35:20		20.92
Transit	Т							
Calibrations	С							
Operational	0			94:05	12:00	106:05		62.80
Weather Standby	W			23:00		23:00		13.62
Standby on Client	S							
Vessel Downtime	VD			4:30		4:30		2.66
Port Standby	PS							
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
			TOTAL	156:55	12:00	168:55		100.00%
Hrs. of	Daily Operations					Check Value=	180.00	
E2.	Survey Progress							
Description	j <u>-</u>	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		94.00	71100	520.00	384.50	41.50	426.00	81.92%
		54.00		520.00	004.00	41.00	420.00	01.0270
		04.00	TOTAL	500.00	004 50	44.50	100.00	04.000/
	TOTALS:		TOTAL	520.00	384.50	41.50	426.00	81.92%
FF.	SAFETY (Details	& Figures for Vesse	el and Survey C	Crews and Client	· ·	ves)		
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Desis					
		Ohim	-	t & HSE Briefings	2		2	
		Ships		e & Abandon Ship				
				essel guided tour				
		Me		t / First Aid Cases	1		1	
			Т	ool Box Meetings	19	2	21	
				Incident Reports				
			Ν	lear Miss Reports				
			Savety Observ	ation Card (SOB)	2		2	
				Observation Card	3		3	
				-				
	-	rvey Man-Hours work	ked since start	of project or LTI.	556:40	36:00	592:40	
GG.	VESSEL ROB's	at 24:00hrs	<b>-</b>					
			Fu	el (T)	Lube	e Oil (L)	· · · · · · · · · · · · · · · · · · ·	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.		ATHER NEXT 24 HF						
NW wind 12 to 16 kt,	with gusts as high a	s 27 kt. Mostly sunny.	Small craft advi	sory through 11 pr	n Tuesday.			
II.		ROGRAM NEXT 24						
Will attempt to run infi	lls and main lines in	h shoal areas where wa	ater level allows.					
JJ.		COMMENTS: (Opt	ional)					
Calibration checks were	run today as part of ba	asic ongoing job checks.						
Crew change went smoo	thly near mid day. A to	otal for 41.5 km of infill ar	nd main lines were	run after crew chan	ae.			
-					9			
Small craft advisory in ef	fect all day tomorrow.	Will attempt to work, but	winds may be a c	oncern.				
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
						_		
<b> </b>	C. Morissette		+					
10	Survey Party Chie	f)					(Client Represe	entative)
Vessel:		liam M	Project No:	178	3	Date:	```	ctober 2016
v 65561.			i iujectinu.	170	~	Dale.	24 0	STONCE FOID
Client:	116	Wind	Location:	Indian Rive	r Bay DE	Report No.		015

<b>ş Al</b> r							DAILY REPC	ORT
Vessel: Client: Location: Project:	In	William M US Wind dian River Bay, DE xport Cable G + G		T	Project No odays Date Report No Start Date	c c	1783 25 October 20 16 10 October 20	
110,000	All times are	EST		(GMT -	5:00	hrs)		
AA.		TION AT 24:00 HRS:						
Description:	Rehoboth Bay Ma	irina	Latitude:			Longitude:		
BB.	WEATHER:							
Time	BAROM	WIND		WAVE	VISIB.	SKY	REI	MARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS		IANNO
00:00								
08:00		20 kts	NW	0.5	10	P. Cloudy		y windy
16:00		20 kts	NW	0.5	10	P. Cloudy	ver	y windy
24:00				I I				
CC.	PERSONNEL &	EQUIPMENT:						
<u> </u>	Alpine OSS Pers							
	C. Morissette		Surveyor:	R. Morris				
Shift Supervisor:			Analog Eng.					
	P. Morton		Analog Eng.					
C2.	Additional Pers	onnel						
C3.	Client Personne	):						
Client Rep.								
	-							
C4.	Personnel On B					07//500		
C4. Alpine:		oard: CLIENT:		VESSEL:		OTHERS:		TOTAL 3
ALPINE:	3	CLIENT:		VESSEL:		OTHERS	I	TOTAL 3
ALPINE: <b>C5.</b>		CLIENT:		VESSEL:		OTHERS:		TOTAL 3
ALPINE:	3 ALPINE'S Equip	CLIENT:	ometer	VESSEL:		OTHERS		TOTAL 3
ALPINE: C5. S MV Oceanmaster	3 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magnet	ometer	VESSEL:		OTHERS:		TOTAL 3
ALPINE: <b>C5.</b> IS MV Oceanmaster getech 6205 Swath Ba	3 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magnet	ometer	VESSEL:		OTHERS		TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon	3 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magnet Edgetech 216 - 3100P S	ometer	VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD	3 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magnet Edgetech 216 - 3100P S	ometer	VESSEL:		OTHERS		TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnet Edgetech 216 - 3100P S pment	ometer BP		uipment)	OTHERS:		TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment	ometer BP		uipment)	OTHERS:	sel	TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment	ometer BP		uipment)		sel	TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment	ometer BP	f personnel / eq	uipment)		sel	TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment	ometer BP	f personnel / eq	uipment)		sel	TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel:	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment	ometer BP	f personnel / eq Personnel:	uipment)		sel	TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment ns (include notices ssel	ometer BP	f personnel / eq Personnel:	uipment)		sel	TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD.	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel:	uipment)		sel	TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Vest DIARY OF EVEN To	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel: Equipment:		On Ves	sel	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:15	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 8:45	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at marina -	transit to surv	On Ves	sel	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:15 8:45	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 8:45 10:45	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at marina - 1 Run survey infill lir	transit to surv	On Ves		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:15 8:45 10:45	3         ALPINE'S Equip         athy System         Additional Equi         Project Variation         Off Vest         DIARY OF EVEN         To         8:45         10:45         12:00	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment ITS TODAY: hrs 1:30 2:00 1:15	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at marina - 1 Run survey infill lir Transit to fuel doc	transit to surv	On Ves		TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:15 8:45 10:45 12:00	3         ALPINE'S Equip         athy System         Additional Equi         Project Variation         Off Vest         DIARY OF EVEN         To         8:45         10:45         12:00         17:45	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment ns (include notices ssel ssel Stroday: hrs 1:30 2:00 1:15 5:45	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at marina - 1 Run survey infill lir Transit to fuel doc Run survey lines	transit to surv nes k - fuel - trans	On Ves		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:15 8:45 10:45	3         ALPINE'S Equip         athy System         Additional Equi         Project Variation         Off Vest         DIARY OF EVEN         To         8:45         10:45         12:00	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment ITS TODAY: hrs 1:30 2:00 1:15	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at marina - 1 Run survey infill lir Transit to fuel doc	transit to surv nes k - fuel - trans	On Ves		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:15 8:45 10:45 12:00	3         ALPINE'S Equip         athy System         Additional Equi         Project Variation         Off Vest         DIARY OF EVEN         To         8:45         10:45         12:00         17:45	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment ns (include notices ssel ssel Stroday: hrs 1:30 2:00 1:15 5:45	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at marina - 1 Run survey infill lir Transit to fuel doc Run survey lines	transit to surv nes k - fuel - trans	On Ves		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:15 8:45 10:45 12:00	3         ALPINE'S Equip         athy System         Additional Equi         Project Variation         Off Vest         DIARY OF EVEN         To         8:45         10:45         12:00         17:45	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment ns (include notices ssel ssel Stroday: hrs 1:30 2:00 1:15 5:45	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at marina - 1 Run survey infill lir Transit to fuel doc Run survey lines	transit to surv nes k - fuel - trans	On Ves		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:15 8:45 10:45 12:00	3         ALPINE'S Equip         athy System         Additional Equi         Project Variation         Off Vest         DIARY OF EVEN         To         8:45         10:45         12:00         17:45	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment ns (include notices ssel ssel Stroday: hrs 1:30 2:00 1:15 5:45	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at marina - 1 Run survey infill lir Transit to fuel doc Run survey lines	transit to surv nes k - fuel - trans	On Ves		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:15 8:45 10:45 12:00	3         ALPINE'S Equip         athy System         Additional Equi         Project Variation         Off Vest         DIARY OF EVEN         To         8:45         10:45         12:00         17:45	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment ns (include notices ssel ssel Stroday: hrs 1:30 2:00 1:15 5:45	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at marina - 1 Run survey infill lir Transit to fuel doc Run survey lines	transit to surv nes k - fuel - trans	On Ves		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:15 8:45 10:45 12:00	3         ALPINE'S Equip         athy System         Additional Equi         Project Variation         Off Vest         DIARY OF EVEN         To         8:45         10:45         12:00         17:45	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment ns (include notices ssel ssel Stroday: hrs 1:30 2:00 1:15 5:45	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at marina - 1 Run survey infill lir Transit to fuel doc Run survey lines	transit to surv nes k - fuel - trans	On Ves		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:15 8:45 10:45 12:00	3         ALPINE'S Equip         athy System         Additional Equi         Project Variation         Off Vest         DIARY OF EVEN         To         8:45         10:45         12:00         17:45	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P S pment pment ns (include notices ssel ssel Stroday: hrs 1:30 2:00 1:15 5:45	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at marina - 1 Run survey infill lir Transit to fuel doc Run survey lines	transit to surv nes k - fuel - trans	On Ves		

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			35:20		35:20		19.61
Transit	Т							
Calibrations	С							
Operational	0			106:05	11:15	117:20		65.12
Weather Standby	W			23:00		23:00		12.77
Standby on Client	S							
Vessel Downtime	VD			4:30		4:30		2.50
Port Standby	PS							
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	ММО							
			TOTAL	168:55	11:15	180:10		100.00%
Hrs. of I	Daily Operations	12				Check Value=	192.00	
E2.	Survey Progres							
Description	, ,	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		49.70		520.00	426.00	44.30	470.30	90.44%
	TOTALS:	49.70	TOTAL	520.00	426.00	44.30	470.30	90.44%
FF.		& Figures for Vesse					470.00	30.4470
					Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Proiec	t & HSE Briefings	2		2	
		Ship	-	e & Abandon Ship	_		-	
		Chip		essel guided tour				
		M		t / First Aid Cases	1		1	
		1010		ool Box Meetings	21	2	23	
			ľ	Incident Reports	21	2	23	
				•				
				lear Miss Reports	0		0	
			-	vation Card (SOB)	2		2	
				Observation Card	3		3	
	No. of our	rvey Man-Hours worl	ad almostart	- of musication   T	500.40	22.45	000-05	
GG.	VESSEL ROB's	-	teu since start		592:40	33:45	626:25	l
	VESSEL KOBS	at 24.00115	Eu	el (T)	Lubé	e Oil (L)	· · · · · ·	Water (T)
			10		Lube			
		ROB at 00:00 hrs						
		Consumed Today						
		Received today ROB at 24:00 hrs						
HH.	EVDECTED WE	ATHER NEXT 24 HF						
N wind 9 to 12 kt. Sun			(3.					
II.	-	ROGRAM NEXT 24	HRS					
Will get an early start								
	-	COMMENTS: (Opt						
		· · ·		orked infills in the mo	rning when tide	was lowest, and finis	shed the day running i	main lines as the tide rose.
			is at 7:30 am for n	nid-Indian River Bay.	Once water leve	els fall we will contin	ue working infills, or w	vill perhaps try to run offshore
coverage if winds and wa		J.						
КК.	REDDECENTAT	IVE'S COMMENTS:	(Optional)					
<u> </u>	REFRESENTAT	IVE 3 CONIMIENTS.	(Optional)					
	For ALPINE					For	US Wind	
						101		
<b>}</b>	C. Morissette							
10		f)					(Client Borress	ntative)
	Survey Party Chie	liam M	Droin - t Ni-	178	2		(Client Represe	ctober 2016
Vessel:		Wind	Project No:	Indian River		Date:	25 0	
Client:	05		Location:		•	Report No.		016
			Project:	Export Cable G	+ 6			

<b>Ş A</b> k							DAILY REPORT
Vessel: Client: Location: Project:	In	William M US Wind Idian River Bay, DE Export Cable G + G	:	т	Project No odays Date Report No Start Date	1: 1:	1783 26 October 2016 17 10 October 2016
	All times are	EST		(GMT -	5:00	hrs)	
ΑΑ.	VESSEL LOCA	FION AT 24:00 HRS	:				
	Rehoboth Bay Ma		Latitude	:		Longitude:	
BB.	WEATHER:						
Time	BAROM	WINE		WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	TEMATIO
00:00						2	
08:00		10 kts	NW	< 1	10	Clear	
16:00 24:00		5 kts	NW	< 1	10	Clear	
27.00			1	1			
CC.	PERSONNEL &						
C1.	Alpine OSS Per	sonnel:	-				
-	C. Morissette		-	: R. Morris			
Shift Supervisor:	P. Morton		Analog Eng				
Surveyor: C2.	Additional Pers	onnel	Analog Eng	l.			
02.	Additional 1 crs						
C3.	<b>Client Personne</b>	el:					
Client Rep.							
C4.	Personnel On E						
ALPINE:	3	CLIENT	:	VESSEL:		OTHERS:	TOTAL 3
C5.	ALPINE'S Equip	oment:					
S MV Oceanmaster		Geometric G882 Magne	tometer				
		Edgetech 216 - 3100P S					
getech 6205 Swath Ba	athy System						
-	athy System						
nble Nav Beacon	athy System						
mble Nav Beacon	Additional Equi	pment					
nble Nav Beacon ntek Castaway CTD		pment					
nble Nav Beacon ntek Castaway CTD		pment					
nble Nav Beacon ntek Castaway CTD <b>C6.</b>	Additional Equi		s of changes	of personnel / equ	upment)		
nble Nav Beacon ntek Castaway CTD	Additional Equi	ns (include notices	s of changes o	of personnel / equ	uipment)	On Ves	sel
nble Nav Beacon ntek Castaway CTD C6. C7.	Additional Equi	ns (include notices	s of changes of	of personnel / equ Personnel:	uipment)	On Ves	sel
nble Nav Beacon Intek Castaway CTD C6. C7.	Additional Equi	ns (include notices	s of changes o		uipment)	On Ves	sel
mble Nav Beacon Intek Castaway CTD C6. C7.	Additional Equi	ns (include notices	s of changes of		uipment)	On Ves	sel
mble Nav Beacon Intek Castaway CTD C6. C7.	Additional Equi	ns (include notices	s of changes of	Personnel:	uipment)	On Ves	sel
mble Nav Beacon Intek Castaway CTD C6. C7. rsonnel: uipment:	Additional Equi	ns (include notices ssel	s of changes of	Personnel:	uipment)	On Ves	sel
nble Nav Beacon Intek Castaway CTD C6. C7. rsonnel: uipment:	Additional Equi	ns (include notices ssel NTS TODAY:		Personnel:	ipment)	On Ves	sel
nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From	Additional Equi Project Variatio Off Ve DIARY OF EVEI To	ns (include notices ssel NTS TODAY: hrs	Code	Personnel:		On Ves	sel
nble Nav Beacon Intek Castaway CTD C6. C7. rsonnel: uipment:	Additional Equi	ns (include notices ssel NTS TODAY:		Personnel: Equipment:		On Ves	sel
C7. C7. C7. C7. C7. C7. C7. C7. C7. C7.	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:45	NTS TODAY: hrs 0:45	Code O	Personnel: Equipment: Arrive at vessel - tr	ansit to site		sel
C7. C7. C7. C7. C7. C7. C7. C7. C7. C7.	Additional Equi Project Variatio Off Ve DIARY OF EVEL To 7:45 10:20	NTS TODAY: hrs 0:45 2:35	Code O O	Personnel: Equipment: Arrive at vessel - tr Run survey lines	ansit to site c - fuel - tran	sit back to site	sel
C7. C7. C7. C7. C7. C7. C7. C7. C7. C7.	Additional Equi Project Variatio Off Ve DIARY OF EVEL To 7:45 10:20 11:15	NTS TODAY: hrs 0:45 2:35 0:55	Code O O O	Personnel: Equipment: Arrive at vessel - tr Run survey lines Transit to fuel dock	ansit to site ansit to site - fuel - tran	sit back to site	sel
C7. ersonnel: juipment: DD. From 7:00 7:45 10:20 11:15	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:45 10:20 11:15 17:30	NTS TODAY: hrs 0:45 2:35 0:55 6:15	Code O O O O O	Personnel: Equipment: Arrive at vessel - tr Run survey lines Transit to fuel dock Run survey infills a	ansit to site ansit to site - fuel - tran	sit back to site	sel
DD.           From           7:00           7:45           10:20           11:15	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:45 10:20 11:15 17:30	NTS TODAY: hrs 0:45 2:35 0:55 6:15	Code O O O O O	Personnel: Equipment: Arrive at vessel - tr Run survey lines Transit to fuel dock Run survey infills a	ansit to site ansit to site - fuel - tran	sit back to site	sel
DD.           From           7:00           7:45           10:20           11:15	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:45 10:20 11:15 17:30	NTS TODAY: hrs 0:45 2:35 0:55 6:15	Code O O O O O	Personnel: Equipment: Arrive at vessel - tr Run survey lines Transit to fuel dock Run survey infills a	ansit to site ansit to site - fuel - tran	sit back to site	sel
DD.           From           7:00           7:45           10:20           11:15	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:45 10:20 11:15 17:30	NTS TODAY: hrs 0:45 2:35 0:55 6:15	Code O O O O O	Personnel: Equipment: Arrive at vessel - tr Run survey lines Transit to fuel dock Run survey infills a	ansit to site ansit to site - fuel - tran	sit back to site	sel
DD.           From           7:00           7:45           10:20           11:15	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:45 10:20 11:15 17:30	NTS TODAY: hrs 0:45 2:35 0:55 6:15	Code O O O O O	Personnel: Equipment: Arrive at vessel - tr Run survey lines Transit to fuel dock Run survey infills a	ansit to site ansit to site - fuel - tran	sit back to site	sel
DD           Triangle           DD.           From           7:00           7:45           10:20           11:15	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 7:45 10:20 11:15 17:30	NTS TODAY: hrs 0:45 2:35 0:55 6:15	Code O O O O O	Personnel: Equipment: Arrive at vessel - tr Run survey lines Transit to fuel dock Run survey infills a	ansit to site ansit to site - fuel - tran	sit back to site	sel

EE.	PROJECT DATA	λ:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization				35:20		35:20		18.43
Transit								
Calibrations								
Operational				117:20	11:30	128:50		67.22
Weather Standby				23:00		23:00		12.00
Standby on Client								
Vessel Downtime				4:30		4:30		2.35
Port Standby								
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO		TOTAL	180:10	11:30	191:40		100.00%
Hrs. of J	Daily Operations	10	TUTAL			Check Value=	204.00	100.00%
	Survey Progress			Cuniu		Check value=	204.00	
Description	Survey Progress	S. Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		14.80	Area	520.00	470.30	34.90	505.20	97.15%
		14.80		520.00	470.30	34.90	505.20	97.1376
	TOTALS:	14.80	TOTAL	520.00	470.30	34.90	505.20	97.15%
FF.		& Figures for Vesse					505.20	37.1370
					Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	2		2	
		Ships		e & Abandon Ship				
		·		essel guided tour				
		Me	edical Treatmen	t / First Aid Cases	1		1	
			т	ool Box Meetings	23	2	25	
				Incident Reports				
			Ν	lear Miss Reports				
			Savety Observ	vation Card (SOB)	2		2	
				Observation Card	3		3	
				-				
	No. of su	rvey Man-Hours work	ked since start	of project or LTI.	626:25	34:30	660:55	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	el (T)	Lube	e Oil (L)	· · · · · · · · · · · · · · · · · · ·	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH. SE wind 10 to 13 kt in		ATHER NEXT 24 HF		mainly ofter need	Soos 1 ft or lo			
				mainly after noon.	Seas I II OI IE	55.		
II. Will run eastern main		ROGRAM NEXT 24	нкэ:					
		COMMENTS: (Opt	ional)					
				orked in shoal areas	durina fallina tide	e, and then focused	on infills and crossline	es during low tide. Tomorrow
we will attempt to run ma	in lines in shoal areas	during early AM high tide	e, and will then mo	ove to infills and cros	slines in the afte	ernoon.		<b>J</b>
Small craft advisory is in	effect starting at 1600	) tomorrow. Winds and pr	recipitation are exr	pected. We will plan	to survey as usu	al but will keep an e	we on the weather	
	enteet etaning at reet		colphation are on					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
			(0)					
	For ALPINE					For	US Wind	
[	C. Morissette		[			1		
(\$	Survey Party Chie	f)					(Client Represe	entative)
Vessel:	Will	liam M	Project No:	178	3	Date:	26 0	ctober 2016
Client:	US	Wind	Location:	Indian Rive	r Bay, DE	Report No.		017
			Project:	Export Cable G	6 + G			

<b>s Al</b> r	DINE						DAILY REPO	ORT
Vessel:		William M			Project No		1783	
Client:		US Wind		т	odays Date		27 October 2	016
Location:		dian River Bay, DE		I	Report No		18	.010
Project:		xport Cable G + G			Start Date		10 October 2	016
r toject.					Start Date			.010
	All times are	EST		(GMT -	5:00	hrs)		
AA.	VESSEL LOCAT Rehoboth Bay Ma	TION AT 24:00 HRS	: Latitude:			Longitude:		
Description.	itenebetii Bay ina		Latitude			Longitude.		
	WEATHER:		<u></u>		1/1015	0/0/		
Time	BAROM	WINE		WAVE	VISIB.	SKY	RE	MARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS		
00:00								
08:00		15 kts	S	0.5	10	overcast		waves on the beam
16:00 24:00		20 kts	S	0.75	5	drizzle	very windy - v	vaves on the beam
	ı		I	ı				
CC.	PERSONNEL &							
C1. Party Chief:	Alpine OSS Pers C. Morissette	sonnei:	Surveyor	: R. Morris				
Shift Supervisor:			Analog Eng					
	P. Morton		Analog Eng					
	Additional Perso	onnel	, maiog Eng	•				
C3. Client Rep.	Client Personne	91:						
C4.	Personnel On B							
			T					
ALPINE:		oard: CLIENT:		VESSEL:		OTHERS:		TOTAL 3
		CLIENT:		VESSEL:		OTHERS:	1	TOTAL 3
ALPINE: <b>C5.</b> S MV Oceanmaster	3 ALPINE'S Equip	CLIENT:		VESSEL:		OTHERS:		TOTAL 3
ALPINE: <b>C5.</b> S MV Oceanmaster	3 ALPINE'S Equip	CLIENT:	tometer	VESSEL:		OTHERS:		TOTAL 3
ALPINE: <b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba	3 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magne	tometer	VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	3 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magne Edgetech 216 - 3100P S	tometer	VESSEL:		OTHERS:		TOTAL 3
ALPINE: <b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon	3 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magne Edgetech 216 - 3100P S	tometer	VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. S MV Oceanmaster jetech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	3 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magne Edgetech 216 - 3100P S	tometer	VESSEL:		OTHERS:		TOTAL 3
ALPINE: <b>C5.</b> S MV Oceanmaster Jetech 6205 Swath Ba nble Nav Beacon itek Castaway CTD <b>C6.</b>	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magne Edgetech 216 - 3100P S	tometer SBP		uipment)	OTHERS:		TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magne Edgetech 216 - 3100P S pment pment	tometer SBP	of personnel / equ	uipment)	OTHERS:	sel	TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: ment: Geometric G882 Magne Edgetech 216 - 3100P S pment pment	tometer SBP		uipment)		sel	TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel:	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: ment: Geometric G882 Magne Edgetech 216 - 3100P S pment pment	tometer SBP	of personnel / equ	uipment)		sel	TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6.	3 ALPINE'S Equip athy System Additional Equi Project Variatio	CLIENT: ment: Geometric G882 Magne Edgetech 216 - 3100P S pment pment	tometer SBP	of personnel / equ Personnel:	uipment)		sel	TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon itek Castaway CTD C6. C7. rsonnel: uipment: DD.	3 ALPINE'S Equip athy System Additional Equi Project Variation Off Ves DIARY OF EVEN	CLIENT: ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP s of changes of	of personnel / equ Personnel:	uipment)		sel	TOTAL 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From	3 ALPINE'S Equip athy System Additional Equi Project Variation Off Ves DIARY OF EVEN To	CLIENT: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP	of personnel / equ Personnel: Equipment:			sel	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon itek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00	3 ALPINE'S Equip athy System Additional Equi Project Variation Off Ves DIARY OF EVEN To 8:00	CLIENT: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel TS TODAY: hrs 1:00	tometer SBP s of changes of Code O	of personnel / equipment:	ransit to site		sel	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon itek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:00 8:00	3 ALPINE'S Equip athy System Additional Equi Project Variation Off Vest DIARY OF EVEN To 8:00 10:15	CLIENT: ment: Geometric G882 Magne Edgetech 216 - 3100P S pment ms (include notices ssel ITS TODAY: hrs 1:00 2:15	tometer SBP s of changes of Code O O	Df personnel / equipment:         Equipment:         Arrive at vessel - tr         Run main lines in t	ransit to site the east	On Ves		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon itek Castaway CTD C6. C7. C7. C7. C7. C7. C7. C7. C7	3 ALPINE'S Equip athy System Additional Equi Project Variation Off Ves DIARY OF EVEN To 8:00 10:15 11:10	CLIENT: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP s of changes of Code O	Df personnel / equipment:         Equipment:         Arrive at vessel - ti         Run main lines in ti         Transit to fuel docl	ransit to site the east < - fuel - tran	On Ves		
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon itek Castaway CTD C6. C7. C7. C7. C7. C7. C7. C7. C7	3 ALPINE'S Equip athy System Additional Equi Project Variation Off Vest DIARY OF EVEN To 8:00 10:15	CLIENT: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel TTS TODAY: hrs 1:00 2:15 0:55 2:50	tometer SBP s of changes of Code O O	Df personnel / equipment:         Personnel:         Personnel:         Parsonnel:         Personnel:         Parsonnel:         Parsonnel:         Parsonnel:         Personnel:         Parsonnel:         Parsonnel:	ransit to site the east < - fuel - tran-	On Ves		
ALPINE: C5. S MV Oceanmaster letech 6205 Swath Ba hble Nav Beacon tek Castaway CTD C6. C7. Sonnel: Lipment: DD. From 7:00 8:00 10:15	3 ALPINE'S Equip athy System Additional Equi Project Variation Off Ves DIARY OF EVEN To 8:00 10:15 11:10	CLIENT: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP of changes of Code O O O O	Df personnel / equipment:         Personnel:         Personnel:         Arrive at vessel - tu         Run main lines in to         Transit to fuel dock         Run survey infills a         Transit to fuel dock	ransit to site the east < - fuel - tran and crossline < - fuel	On Ves	ite	
ALPINE: C5. S MV Oceanmaster letech 6205 Swath Ba nble Nav Beacon tek Castaway CTD C6. C7. C7. Sonnel: Jipment: Jipment: Jipment: C7. C7. C7. C7. C7. C7. C7. C7.	3         ALPINE'S Equip         athy System         Additional Equip         Project Variation         Off Vest         DIARY OF EVEN         To         8:00         10:15         11:10         14:00	CLIENT: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel TTS TODAY: hrs 1:00 2:15 0:55 2:50	tometer SBP s of changes of Code O O O O O	Df personnel / equipment:         Personnel:         Personnel:         Arrive at vessel - tu         Run main lines in to         Transit to fuel dock         Run survey infills a         Transit to fuel dock	ransit to site the east < - fuel - tran and crossline < - fuel	On Ves		
ALPINE: C5. S MV Oceanmaster petech 6205 Swath Ba hble Nav Beacon tek Castaway CTD C6. C7. C7. Sonnel: uipment: DD. From 7:00 8:00 10:15 11:10 14:00	3         ALPINE'S Equip         athy System         Additional Equip         Project Variation         Off Vest         DIARY OF EVEN         To         8:00         10:15         11:10         14:00         15:00	CLIENT: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP	Df personnel / equipment:         Personnel:         Personnel:         Arrive at vessel - tu         Run main lines in to         Transit to fuel dock         Run survey infills a         Transit to fuel dock	ransit to site the east < - fuel - tran and crossline < - fuel	On Ves	ite	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. C7. Sonnel: uipment: DD. From 7:00 8:00 10:15 11:10 14:00	3         ALPINE'S Equip         athy System         Additional Equip         Project Variation         Off Vest         DIARY OF EVEN         To         8:00         10:15         11:10         14:00         15:00	CLIENT: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP	Df personnel / equipment:         Personnel:         Personnel:         Arrive at vessel - tu         Run main lines in to         Transit to fuel dock         Run survey infills a         Transit to fuel dock	ransit to site the east < - fuel - tran and crossline < - fuel	On Ves	ite	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon atek Castaway CTD C6. C7. C7. C7. C7. C7. C7. C7. C7	3         ALPINE'S Equip         athy System         Additional Equip         Project Variation         Off Vest         DIARY OF EVEN         To         8:00         10:15         11:10         14:00         15:00	CLIENT: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP	Df personnel / equipment:         Personnel:         Personnel:         Arrive at vessel - tu         Run main lines in to         Transit to fuel dock         Run survey infills a         Transit to fuel dock	ransit to site the east < - fuel - tran and crossline < - fuel	On Ves	ite	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. C7. Sonnel: uipment: DD. From 7:00 8:00 10:15 11:10 14:00	3         ALPINE'S Equip         athy System         Additional Equip         Project Variation         Off Vest         DIARY OF EVEN         To         8:00         10:15         11:10         14:00         15:00	CLIENT: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP	Df personnel / equipment:         Personnel:         Personnel:         Arrive at vessel - tu         Run main lines in to         Transit to fuel dock         Run survey infills a         Transit to fuel dock	ransit to site the east < - fuel - tran and crossline < - fuel	On Ves	ite	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. C7. Sonnel: uipment: DD. From 7:00 8:00 10:15 11:10 14:00	3         ALPINE'S Equip         athy System         Additional Equip         Project Variation         Off Vest         DIARY OF EVEN         To         8:00         10:15         11:10         14:00         15:00	CLIENT: Geometric G882 Magne Edgetech 216 - 3100P S pment ns (include notices ssel	tometer SBP	Df personnel / equipment:         Personnel:         Personnel:         Arrive at vessel - tu         Run main lines in to         Transit to fuel dock         Run survey infills a         Transit to fuel dock	ransit to site the east < - fuel - tran and crossline < - fuel	On Ves	ite	

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			35:20		35:20		17.61
Transit	Т							
Calibrations	С							
Operational	0			128:50	8:00	136:50		68.19
Weather Standby	W			23:00	1:00	24:00		11.96
Standby on Client	S							
Vessel Downtime	VD			4:30		4:30		2.24
Port Standby								
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
			TOTAL	191:40	9:00	200:40		100.00%
Hrs of	Daily Operations	12	TOTAL			Check Value=	216.00	100.00 /8
E2.	Survey Progress			Guina		Oneck Value=	210.00	
Description	Survey Progress	S. Km Left	Aree	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines			Area			Today Km		
Planned Lines		-4.30		520.00	505.20	19.10	524.30	100.83%
	TOTALS:		TOTAL	520.00	505.20	19.10	524.30	100.83%
FF.	SAFETY (Details	& Figures for Vesse	el and Survey (	Crews and Client	•	ves)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
					Events	,		
			-	t & HSE Briefings	2		2	
		Ships		e & Abandon Ship				
			$\vee$	essel guided tour				
		Me	edical Treatment	t / First Aid Cases	1		1	
			Т	ool Box Meetings	25	2	27	
				Incident Reports				
			Ν	lear Miss Reports				
			Savety Observ	ation Card (SOB)	2		2	
				Observation Card	3		3	
				-				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	660:55	27:00	687:55	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	el (T)	Lube	e Oil (L)	١	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF						
NW wind 15 to 18 kt, v								
II.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
Will run main lines and								
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
Weather was marginal a		· · · ·		ut of the south cause	d 2 foot waves p	arallel to survey line	s, causing significant	roll.
	have done to form the first	Para da se ll'ale a dave de se de						
We managed to get 19.1	km done before decid	ding to call the day due to	weather and low	water.				
-	s at 1600 today and re	emains in effect until 1800	0 hours tomorrow.	We will observe the	conditions tomo	rrow morning before	e deciding whether or i	not it is safe to continue
survey operations.								
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
t	C. Morissette							
(9	Survey Party Chie	f)					(Client Represe	entative)
Vessel:		liam M	Project No:	178	3	Date:	, i	ctober 2016
Client:		Wind	Location:			Report No.	21 0	018
Onerit.				Export Cable G				
L			. 10,000.	-Aport Gable C				

<b>ş Al</b> r							DAILY REPORT	
Vessel: Client: Location: Project:	In	William M US Wind dian River Bay, DE xport Cable G + G		Т	Project No odays Date Report No Start Date	1: 1:	1783 31 October 2016 22 10 October 2016	
,	All times are	EST		(GMT -	5:00	hrs)		
AA.		TION AT 24:00 HRS:						
Description:	Rehoboth Bay Ma	anna	Latitude:			Longitude:		
BB.	WEATHER:							
Time	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	KEMAKK5	
00:00								
08:00	ļ	20 kts	NW	0.75	10	overcast	windy	
16:00		15 kts	NW	0.5	10	clear		
24:00								
CC.	PERSONNEL &	EQUIPMENT						
<u> </u>	Alpine OSS Per							
	C. Morissette		Surveyor:	R. Morris				
Shift Supervisor:			Analog Eng.					
	P. Morton		Analog Eng.					
C2.	Additional Pers	onnel						
C3.	Client Personne	el:						
Client Rep.								
C4.	Personnel On B							
C4. Alpine:		oard: CLIENT:		VESSEL:		OTHERS:	ΤΟΤΑΙ	_ 3
ALPINE:	3	CLIENT:		VESSEL:		OTHERS:	ΤΟΤΑΙ	- 3
ALPINE: C5.	3 ALPINE'S Equip	CLIENT:		VESSEL:		OTHERS:	ΤΟΤΑΙ	- 3
ALPINE: C5. S MV Oceanmaster	3 ALPINE'S Equip	CLIENT:	ometer	VESSEL:		OTHERS:	TOTAI	- 3
ALPINE: <b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba	3 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magnet	ometer	VESSEL:		OTHERS:	TOTAL	_ 3
ALPINE: <b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon	3 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magnet	ometer	VESSEL:		OTHERS:	TOTAL	_ 3
ALPINE: <b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon	3 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magnet Edgetech 216 - 3100P SI	ometer	VESSEL:		OTHERS:		_ 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	3 ALPINE'S Equip	CLIENT: ment: Geometric G882 Magnet Edgetech 216 - 3100P SI	ometer	VESSEL:		OTHERS:		- 3
ALPINE: <b>C5.</b> S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD <b>C6.</b>	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnete Edgetech 216 - 3100P SI pment	ometer BP		uipment)	OTHERS:		_ 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnete Edgetech 216 - 3100P SI pment pment	ometer BP		uipment)	OTHERS:		_ 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnete Edgetech 216 - 3100P SI pment pment	ometer BP		uipment)			- 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7.	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnete Edgetech 216 - 3100P SI pment pment	ometer BP	of personnel / eq	uipment)			_ 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel:	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnete Edgetech 216 - 3100P SI pment pment	ometer BP	of personnel / eq	uipment)			- 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel:	3 ALPINE'S Equip athy System Additional Equi	CLIENT: ment: Geometric G882 Magnete Edgetech 216 - 3100P SI pment pment	ometer BP	f personnel / eq Personnel:	uipment)			- 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment:	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ve	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SI pment ns (include notices ssel	ometer BP	f personnel / eq Personnel:	uipment)			- 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD.	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P SI pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel:	uipment)			- 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Vest DIARY OF EVEN To	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SI pment ns (include notices ssel	ometer BP of changes o	of personnel / eq Personnel: Equipment:		On Ves		- 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 7:45	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P SI pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at vessel - t	ransit to surv	On Ves ey site	ssel	- 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Band mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 7:45	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 7:45 13:35	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P SI pment ns (include notices ssel TS TODAY: hrs 0:45 5:50	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at vessel - t Run survey mainli	ransit to surv nes, crossline	On Ves On Ves ey site es, and infill in east	ssel	- 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba nble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:00 7:45 13:35	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Vest DIARY OF EVEN To 7:45 13:35 14:15	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P S pment pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at vessel - t Run survey mainli Transit to fuel doc	ransit to surv nes, crossline	On Ves On Ves ey site es, and infill in east	ssel	- 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. rsonnel: uipment: DD. From 7:00 7:45	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Ves DIARY OF EVEN To 7:45 13:35	CLIENT: Geometric G882 Magnet Edgetech 216 - 3100P SI pment ns (include notices ssel TS TODAY: hrs 0:45 5:50	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at vessel - t Run survey mainli	ransit to surv nes, crossline	On Ves On Ves ey site es, and infill in east	ssel	- 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:00 7:45 13:35	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Vest DIARY OF EVEN To 7:45 13:35 14:15	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P S pment pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at vessel - t Run survey mainli Transit to fuel doc	ransit to surv nes, crossline	On Ves On Ves ey site es, and infill in east	ssel	- 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:00 7:45 13:35	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Vest DIARY OF EVEN To 7:45 13:35 14:15	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P S pment pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at vessel - t Run survey mainli Transit to fuel doc	ransit to surv nes, crossline	On Ves On Ves ey site es, and infill in east	ssel	_ 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:00 7:45 13:35	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Vest DIARY OF EVEN To 7:45 13:35 14:15	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P S pment pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at vessel - t Run survey mainli Transit to fuel doc	ransit to surv nes, crossline	On Ves On Ves ey site es, and infill in east	ssel	_ 3
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:00 7:45 13:35	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Vest DIARY OF EVEN To 7:45 13:35 14:15	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P S pment pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at vessel - t Run survey mainli Transit to fuel doc	ransit to surv nes, crossline	On Ves On Ves ey site es, and infill in east	ssel	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:00 7:45 13:35	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Vest DIARY OF EVEN To 7:45 13:35 14:15	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P S pment pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at vessel - t Run survey mainli Transit to fuel doc	ransit to surv nes, crossline	On Ves On Ves ey site es, and infill in east	ssel	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon ntek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:00 7:45 13:35	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Vest DIARY OF EVEN To 7:45 13:35 14:15	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P S pment pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at vessel - t Run survey mainli Transit to fuel doc	ransit to surv nes, crossline	On Ves On Ves ey site es, and infill in east	ssel	
ALPINE: C5. S MV Oceanmaster getech 6205 Swath Ba mble Nav Beacon intek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:00 7:45 13:35	3 ALPINE'S Equip athy System Additional Equi Project Variatio Off Vest DIARY OF EVEN To 7:45 13:35 14:15	CLIENT: Geometric G882 Magnete Edgetech 216 - 3100P S pment pment ns (include notices ssel	ometer BP of changes o	f personnel / eq Personnel: Equipment: Arrive at vessel - t Run survey mainli Transit to fuel doc	ransit to surv nes, crossline	On Ves On Ves ey site es, and infill in east	ssel	

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total	(,	
Rate	Code	l		Hours	Hours	Hours	۱ <u> </u>	Percent of Total
Mobilization	М			35:20		35:20	ſ	14.84
Transit	t T		ł	'	1	'	1	
Calibrations	C		ł	'	1	'	1	
Operational	0		ł	154:20	8:00	162:20	1	68.16
Weather Standby			ł	36:00	1	36:00	1	15.12
Standby on Client			I		1		1	
Vessel Downtime			ł	4:30	1	4:30	1	1.89
Port Standby		1	ł	1.00	1	1.00	1	
Survey Downtime			ļ	·   · · · · ·	1	'	1	
Survey Downtime Maintenance time			ļ	'	1	'	1	
			ļ	'	1	,	1	
Disputed Time			ļ	'	1	'	1	
MMO Shutdown	MMO			ļ'	Ļ	<u> </u>	<u> </u>	
			TOTAL	230:10	8:00	238:10	<u>'</u> '	100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	264.00	
E2.	Survey Progress	s:						
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		-93.90	· · · · · · · · · · · · · · · · · · ·	520.00	587.20	26.70	613.90	118.06%
	!	!	1	'	1	'	1	
	!	!	1	'	1	'	1	
	!	!	1	'	1	'	1	
					F07 20	26.70	C12.00	140.000/
	TOTALS:		TOTAL	520.00	587.20	26.70	613.90	118.06%
FF.	SAFETY (Details	s & Figures for Vesse	and Survey C	Crews and Client	-	ives)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
					Events			
				ct & HSE Briefings		Γ,	2	
		Ships	₃ Drill, MOB, Fir∉	e & Abandon Ship	1	,	1	
			V	Vessel guided tour	1	,	1	
		Me		nt / First Aid Cases		,	1	
				Tool Box Meetings		2	33	
				Incident Reports		- ,		
			٢	•		,	1	
				Near Miss Reports		,	1	
			-	vation Card (SOB)		,	2	
				Observation Card	3	,	3	
				-	L	<u> </u>	l'	
		ırvey Man-Hours work	ed since start	of project or LTI.	776:25	24:00	800:25	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	uel (T)	Lubr	oe Oil (L)		Water (T)
		!						
		ROB at 00:00 hrs				,		
		Consumed Today			t		i	
		Received today			t		t	
		ROB at 24:00 hrs			t		t	
HH.	EXPECTED WE	ATHER NEXT 24 HR			L			
		SSE around 6 kt in the a		Wounny Seas are	sund 1 ft			
	-			y Sullity. Seas area				
		PROGRAM NEXT 24						
	-	nd then finish infill and o		) rest of the survey	area.			
		S COMMENTS: (Opti		20				
-	ay despite high winds	and waves. We wrapped	up bathymetry an	id infills in the 80 m c	corridor in the eas	st. Tomorrow we will	finish the rest of that	t region up first thing in the
morning.								
		nsit west and run bathy inf	fills in the 80 m cc	orridor. Any remainin	g crosslines and	i surveyable main lin	es will also be finisher	d. It is likely that survey
operations will be finished					,			
KK.	DEPRESENTAT	IVE'S COMMENTS:	(Ontional)					
TATA -			(Optional)					
			r			T	110 M/m d	
	For ALPINE	1	1			FOI	US Wind	
		ļ	1					
		ļ	1					
		<b>-</b>	1					
	C. Morissette		1			1		
(;	Survey Party Chie	ef)	1				(Client Represe	entative)
Vessel:		/ Iliam M	Project No:	178	. <u>3</u>	Date:	\ I	October 2016
Client:		6 Wind	Location:			Report No.		022
	-			Export Cable G		ropertie		V22
			1 10/000		7 T U			

<b>\$A</b> k	DINE A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location:		William M US Wind ndian River Bay, DE		Т	Project No odays Date Report No	e: D:	1783 01 November 2016 23
Project:		Export Cable G + G		(01)7	Start Date		10 October 2016
	All times are	EST		(GMT -	5:00	hrs)	
AA.	VESSEL LOCA Rehoboth Bay M	TION AT 24:00 HRS arina	: Latitude:			Longitude:	
·			Latitude.			Longitude.	
BB. Time	WEATHER: BAROM	WINI	<b>D</b>	WAVE	VISIB.	SKY	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00		24-224					
08:00		5	var.	> 1	10	clear	
16:00		5	var.	>1	10	overcast	
24:00		L					
CC.	PERSONNEL &	EQUIPMENT:					
C1.	Alpine OSS Per						
-	C. Morissette		-	R. Morris			
Shift Supervisor:			Analog Eng.				
Surveyor: C2.	P. Morton Additional Pers	onnol	Analog Eng.			1	
62.	Additional Pers	onnei					
C3.	Client Personn	el:					
Client Rep.							
C4.	Personnel On E	Poard					
ALPINE:		CLIENT	:	VESSEL:		OTHERS:	TOTAL 3
, (El 114E.	Ū			120022.		Official official	
C5.	ALPINE'S Equi	pment:					
S MV Oceanmaster		Geometric G882 Magne					
getech 6205 Swath B	athy System	Edgetech 216 - 3100P \$	SBP				
nble Nav Beacon		<b></b>				+	
	Additional Equi	pment					
ntek Castaway CTD	Additional Equi	ipment					
ntek Castaway CTD	Project Variatic	ons (include notices	s of changes c	of personnel / equ	uipment)		
C6.		ons (include notices	s of changes c		uipment)	On Ves	ssel
C6.	Project Variatic	ons (include notices	s of changes c	of personnel / equ Personnel:	uipment)	On Ves	ssel
C7.	Project Variatic	ons (include notices	s of changes c		uipment)	On Ves	ssel
C7.	Project Variatic	ons (include notices	s of changes c	Personnel:	uipment)	On Ves	ssel
Cf. C7. rsonnel: uipment:	Project Variatio Off Ve	ons (include notices	s of changes c	Personnel:	uipment)	On Ves	ssel
Cf. C7. C7. rsonnel: uipment: DD.	Project Variatio Off Ve DIARY OF EVE	ons (include notices essel		Personnel:	uipment)	On Ves	ssel
tek Castaway CTD C6. C7. rsonnel: uipment: DD. From	Project Variatio Off Ve DIARY OF EVE	ons (include notices essel NTS TODAY: hrs	Code	Personnel: Equipment:			ssel
C7. C7. C7. rsonnel: uipment: DD. From 7:00	Project Variatio Off Ve DIARY OF EVE To 7:35	NTS TODAY: hrs 0:35		Personnel:	ransit to site		ssel
tek Castaway CTD C6. C7. rsonnel: uipment: DD. From	Project Variatio Off Ve DIARY OF EVE	ons (include notices essel NTS TODAY: hrs	Code O	Personnel: Equipment: Arrive at vessel - tr	ransit to site near the brid	dge	ssel
C7. C7. C7. rsonnel: uipment: DD. From 7:00 7:35	Project Variatio Off Ve DIARY OF EVE To 7:35 8:15	NTS TODAY: hrs 0:35 0:40	Code O O	Personnel: Equipment: Equipment: Arrive at vessel - to Survey in the east transit to fuel marin Run survey mainlin	ransit to site near the brid na - fuel - tra	dge unsit back to site	ssel
tek Castaway CTD C6. C7. C7. rsonnel: uipment: DD. From 7:00 7:35 8:15	Project Variatio Off Ve DIARY OF EVE To 7:35 8:15 8:55	NTS TODAY: hrs 0:35 0:40 0:40	Code O O O	Personnel: Equipment: Arrive at vessel - tr Survey in the east transit to fuel marin	ransit to site near the brid na - fuel - tra	dge unsit back to site	ssel
C6.         C7.         rsonnel:         uipment:         DD.         From         7:00         7:35         8:15         8:55	Project Variatio Off Ve DIARY OF EVE To 7:35 8:15 8:55 16:45	NTS TODAY: hrs 0:35 0:40 0:40 7:50	Code O O O O O	Personnel: Equipment: Equipment: Arrive at vessel - to Survey in the east transit to fuel marin Run survey mainlin	ransit to site near the brid na - fuel - tra	dge unsit back to site	ssel
C6.           C7.           rsonnel:           uipment:           DD.           From           7:00           7:35           8:15           8:55	Project Variatio Off Ve DIARY OF EVE To 7:35 8:15 8:55 16:45	NTS TODAY: hrs 0:35 0:40 0:40 7:50	Code O O O O O	Personnel: Equipment: Equipment: Arrive at vessel - to Survey in the east transit to fuel marin Run survey mainlin	ransit to site near the brid na - fuel - tra	dge unsit back to site	ssel
C6.           C7.           rsonnel:           uipment:           DD.           From           7:00           7:35           8:15           8:55	Project Variatio Off Ve DIARY OF EVE To 7:35 8:15 8:55 16:45	NTS TODAY: hrs 0:35 0:40 0:40 7:50	Code O O O O O	Personnel: Equipment: Equipment: Arrive at vessel - to Survey in the east transit to fuel marin Run survey mainlin	ransit to site near the brid na - fuel - tra	dge unsit back to site	ssel
C6.           C7.           rsonnel:           uipment:           DD.           From           7:00           7:35           8:15           8:55	Project Variatio Off Ve DIARY OF EVE To 7:35 8:15 8:55 16:45	NTS TODAY: hrs 0:35 0:40 0:40 7:50	Code O O O O O	Personnel: Equipment: Equipment: Arrive at vessel - to Survey in the east transit to fuel marin Run survey mainlin	ransit to site near the brid na - fuel - tra	dge unsit back to site	ssel
C6.           C7.           rsonnel:           uipment:           DD.           From           7:00           7:35           8:15           8:55	Project Variatio Off Ve DIARY OF EVE To 7:35 8:15 8:55 16:45	NTS TODAY: hrs 0:35 0:40 0:40 7:50	Code O O O O O	Personnel: Equipment: Equipment: Arrive at vessel - to Survey in the east transit to fuel marin Run survey mainlin	ransit to site near the brid na - fuel - tra	dge unsit back to site	ssel
C6.         C7.         rsonnel:         uipment:         DD.         From         7:00         7:35         8:15         8:55	Project Variatio Off Ve DIARY OF EVE To 7:35 8:15 8:55 16:45	NTS TODAY: hrs 0:35 0:40 0:40 7:50	Code O O O O O	Personnel: Equipment: Equipment: Arrive at vessel - to Survey in the east transit to fuel marin Run survey mainlin	ransit to site near the brid na - fuel - tra	dge unsit back to site	ssel

EE.	PROJECT DATA	<b>\:</b>						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			35:20		35:20		14.22
Transit	Т							
Calibrations	С							
Operational	0			162:20	10:15	172:35		69.47
Weather Standby				36:00		36:00		14.49
Standby on Client								
Vessel Downtime				4:30		4:30		1.81
Port Standby								
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
			TOTAL	238:10	10:15	248:25		100.00%
Hra of	Daily Operations		TOTAL			Check Value=	276.00	100.00%
				Cumu	lative Hours	Check value=	276.00	
	Survey Progres			<b>T</b> ( 114		<b>-</b>		
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		-124.50		520.00	613.90	30.60	644.50	123.94%
	TOTALS:	-124.50	TOTAL	520.00	613.90	30.60	644.50	123.94%
FF.	<b>SAFETY</b> (Details	& Figures for Vesse	el and Survey (	Crews and Client	Representati	ives)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
				incidents & Dhiis	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	2		2	
		Ships	Borill, MOB, Fire	e & Abandon Ship				
			V	essel guided tour				
		Μ	edical Treatment	t / First Aid Cases	1		1	
			Т	ool Box Meetings	33	2	35	
				Incident Reports				
			Ν	Near Miss Reports				
				vation Card (SOB)			2	
			-	Observation Card			3	
					0		0	
	No. of su	rvey Man-Hours work	ed since start	of project or LTL	800:25	30:45	831:10	
GG.	VESSEL ROB's	-		p j	000.20			
		ut 24.001110	Eu	el (T)	Lube	e Oil (L)		Water (T)
					Luo			
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EVDECTED WE	ATHER NEXT 24 HR						
		W around 6 kt in the m		SUDDY Seas 1 ft or	. 1966			
					1000.			
II. We will begin demobil		ROGRAM NEXT 24						
_			i a m a lì					
		COMMENTS: (Opt		of the EOO motor corr	idor poor the po	worplant and attam	ated to widen the 500	meter corridor in shoal areas
near the powerplant with		e east. We then missied			idol fiear the por	werplant, and attemp		
We finished all bathymet	ric infills necessary. T	he geophysical survey po	ortion of the projec	t is completed.				
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
			<b></b>					
(\$	Survey Party Chie	f)					(Client Represe	entative)
Vessel:	Will	liam M	Project No:	178	3	Date:	01 No	ovember 2016
Client:	US	Wind	Location:	Indian Rive	r Bay, DE	Report No.		023
			Project:	Export Cable G	6 + G			

\$ AI	Dine						DAILY REPORT
		William M			Declaration		4700
Vessel:		US Wind		-	Project No		1783 02 Nevember 2010
Client:				Т	odays Date		03 November 2016
Location:		ndian River Bay, DE			Report No		24 40 October 2040
Project:		Export Cable G + G			Start Date	9:	10 October 2016
	All times are	ES7	-	(GMT -	5:00	hrs)	
AA.		TION AT 24:00 HRS					
Description:	Rehoboth Bay Ma	arina	Latitude:			Longitude:	
BB.	WEATHER:						
Time	BAROM	WIN	D	WAVE	VISIB.	SKY	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00			1	1 1			
08:00		5	SW	> 1	5	clear	
16:00		5	SW	>1	5	clear	
24:00		+		<u>+ · </u>			
		·	<u>.</u>	l		·	
CC.	PERSONNEL &						
C1.	Alpine OSS Per C. Morissette	sonnei:	0	: R. Morris			
			-				
Shift Supervisor:			Analog Eng.				
	P. Morton		Analog Eng.			1	
C2.	Additional Pers	onnei					
C3.	Client Personne	el:					
Client Rep.			1				
oliont rtop.							
C4.	Personnel On B	Board:					
ALPINE:		CLIENT	:	VESSEL:		OTHERS:	TOTAL 3
				44			
C5.	ALPINE'S Equip	pment:					
OS MV Oceanmaster		Geometric G882 Magne	etometer				
dgetech 6205 Swath Ba	athy System	Edgetech 216 - 3100P \$	SBP				
imble Nav Beacon		1		1			
ontek Castaway CTD		1		1			
	Additional Equi	pment					
C6.	Additional Equi						
-							
-							
C6.	· · ·			6			
	Project Variatio	ons (include notices	s of changes o	of personnel / equ	uipment)	0=1/	seal
C6. C7.	· · ·		s of changes o		uipment)	On Ves	ssel
C6. C7.	Project Variatio		s of changes c	of personnel / equipersonnel / equipersonnel:	uipment)	On Ves	ssel
C6. C7. ersonnel:	Project Variatio		s of changes c	Personnel:	uipment)	On Ves	ssel
C6. C7. ersonnel:	Project Variatio		s of changes c		uipment)	On Ves	ssel
C6. C7. ersonnel:	Project Variatio		s of changes c	Personnel:	uipment)	On Ves	ssel
C6. C7. ersonnel:	Project Variatio	essel	s of changes c	Personnel:	uipment)	On Ves	ssel
C6. C7. ersonnel: quipment:	Project Variatio Off Ve	essel	s of changes o	Personnel: Equipment:			ssel
C6. C7. ersonnel: quipment: DD.	Project Variatio Off Ve DIARY OF EVEI	NTS TODAY:		Personnel:			ssel
C6. C7. ersonnel: quipment: DD. From	Project Variatio Off Ve DIARY OF EVEI To	NTS TODAY:	Code	Personnel: Equipment:	snsit to fuel d		ssel
C6. C7. ersonnel: quipment: DD. From 7:00	Project Variatio Off Ve DIARY OF EVEN To 8:10	NTS TODAY: hrs 1:10	Code O	Personnel: Equipment: Arrive at dock, tras	snsit to fuel o		ssel
C6. C7. ersonnel: quipment: DD. From 7:00 8:10	Project Variatio Off Ve DIARY OF EVEN To 8:10 8:30	NTS TODAY: hrs 1:10 0:20	Code O O	Personnel: Equipment: Arrive at dock, tras Fuel survey vesse	snsit to fuel o I Irea		ssel
C6. C7. ersonnel: quipment: DD. From 7:00 8:10 8:30 8:45	Project Variatio Off Ve DIARY OF EVEN To 8:10 8:30 8:45 8:55	NTS TODAY: hrs 1:10 0:20 0:15 0:10	Code O O O O O	Personnel: Equipment: Arrive at dock, tra: Fuel survey vesse Transit to survey a	snsit to fuel o I Irea Cast	dock	ssel
C6. C7. ersonnel: quipment: DD. From 7:00 8:10 8:30 8:45 8:55	Project Variatio Off Ve DIARY OF EVEN To 8:10 8:30 8:45 8:55 11:15	NTS TODAY: hrs 1:10 0:20 0:15 0:10 2:20	Code 0 0 0 0 0 0 0	Personnel: Equipment: Equipment: Arrive at dock, trac Fuel survey vesse Transit to survey a Deply gear, SVP ( Survey Extra Work	snsit to fuel o I Irea Cast	dock	ssel
C6. C7. ersonnel: quipment: DD. From 7:00 8:10 8:30 8:45 8:55 11:15	Project Variatio Off Ve DIARY OF EVE! To 8:10 8:30 8:45 8:55 11:15 12:00	NTS TODAY: hrs 1:10 0:20 0:15 0:10 2:20 0:45	Code 0 0 0 0 0 0 0 0 0	Personnel: Equipment: Equipment: Arrive at dock, tras Fuel survey vesse Transit to survey a Deply gear, SVP C Survey Extra Work Travel to Dock	snsit to fuel o I Irea Cast Cast Cat the west	dock	ssel
C6. C7. ersonnel: quipment: DD. From 7:00 8:10 8:30 8:45 8:55	Project Variatio Off Ve DIARY OF EVEN To 8:10 8:30 8:45 8:55 11:15	NTS TODAY: hrs 1:10 0:20 0:15 0:10 2:20	Code 0 0 0 0 0 0 0	Personnel: Equipment: Equipment: Arrive at dock, trac Fuel survey vesse Transit to survey a Deply gear, SVP ( Survey Extra Work	snsit to fuel o I Irea Cast Cast Cat the west	dock	ssel
C6. C7. ersonnel: quipment: DD. From 7:00 8:10 8:30 8:45 8:55 11:15	Project Variatio Off Ve DIARY OF EVE! To 8:10 8:30 8:45 8:55 11:15 12:00	NTS TODAY: hrs 1:10 0:20 0:15 0:10 2:20 0:45	Code 0 0 0 0 0 0 0 0 0	Personnel: Equipment: Equipment: Arrive at dock, tras Fuel survey vesse Transit to survey a Deply gear, SVP C Survey Extra Work Travel to Dock	snsit to fuel o I Irea Cast Cast Cat the west	dock	ssel
C6. C7. ersonnel: quipment: DD. From 7:00 8:10 8:30 8:45 8:55 11:15	Project Variatio Off Ve DIARY OF EVE! To 8:10 8:30 8:45 8:55 11:15 12:00	NTS TODAY: hrs 1:10 0:20 0:15 0:10 2:20 0:45	Code 0 0 0 0 0 0 0 0 0	Personnel: Equipment: Equipment: Arrive at dock, tras Fuel survey vesse Transit to survey a Deply gear, SVP C Survey Extra Work Travel to Dock	snsit to fuel o I Irea Cast Cast Cat the west	dock	ssel
C6. C7. ersonnel: quipment: DD. From 7:00 8:10 8:30 8:45 8:55 11:15	Project Variatio Off Ve DIARY OF EVE! To 8:10 8:30 8:45 8:55 11:15 12:00	NTS TODAY: hrs 1:10 0:20 0:15 0:10 2:20 0:45	Code 0 0 0 0 0 0 0 0 0	Personnel: Equipment: Equipment: Arrive at dock, tras Fuel survey vesse Transit to survey a Deply gear, SVP C Survey Extra Work Travel to Dock	snsit to fuel o I Irea Cast Cast Cat the west	dock	ssel
C6. C7. ersonnel: quipment: DD. From 7:00 8:10 8:30 8:45 8:55 11:15	Project Variatio Off Ve DIARY OF EVE! To 8:10 8:30 8:45 8:55 11:15 12:00	NTS TODAY: hrs 1:10 0:20 0:15 0:10 2:20 0:45	Code 0 0 0 0 0 0 0 0 0	Personnel: Equipment: Equipment: Arrive at dock, tras Fuel survey vesse Transit to survey a Deply gear, SVP C Survey Extra Work Travel to Dock	snsit to fuel o I Irea Cast Cast Cat the west	dock	ssel
C6. C7. ersonnel: quipment: DD. From 7:00 8:10 8:30 8:45 8:55 11:15	Project Variatio Off Ve DIARY OF EVE! To 8:10 8:30 8:45 8:55 11:15 12:00	NTS TODAY: hrs 1:10 0:20 0:15 0:10 2:20 0:45	Code 0 0 0 0 0 0 0 0 0	Personnel: Equipment: Equipment: Arrive at dock, tras Fuel survey vesse Transit to survey a Deply gear, SVP C Survey Extra Work Travel to Dock	snsit to fuel o I Irea Cast Cast Cat the west	dock	ssel

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			35:20	7:00	42:20		16.26
Transit	т							
Calibrations	С							
Operational	0			172:35	5:00	177:35		68.19
Weather Standby				36:00		36:00		13.82
Standby on Client								
Vessel Downtime				4:30		4:30		1.73
Port Standby								
Survey Downtime				l				
Maintenance time				l				
				l				
Disputed Time				l				
MMO Shutdown	MMO							
	- " 0		TOTAL	248:25	12:00	260:25		100.00%
Hrs. of L	Daily Operations	12		Cumu	lative Hours	Check Value=	288.00	
						1		1
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Planned Lines		-134.40		520.00	644.50	9.90	654.40	125.85%
	TOTALS:	-134.40	TOTAL	520.00	654.40	9.90	654.40	125.85%
FF.		s & Figures for Vesse						
			······································		Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Proiec	t & HSE Briefings	2		2	
		Shine	-	e & Abandon Ship	2		2	
		Ompa		-				
		Mc		/essel guided tour	4			
		IVIC		t / First Aid Cases	1		1	
			I	ool Box Meetings	35	2	37	
				Incident Reports				
				lear Miss Reports				
			Savety Observ	vation Card (SOB)	2		2	
				Observation Card	3		3	
				-				
		rvey Man-Hours work	ed since start	of project or LTI.	831:10	36:00	867:10	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	iel (T)	Lube	e Oil (L)	١	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HR						
١١.	ANTICIPATED P	PROGRAM NEXT 24	HRS:					
		xtra work requested by						
	-	COMMENTS: (Opti						
Extra work on the wester								
		boon completed.						
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
	C. Morissette							
(5	Survey Party Chie	ef)					(Client Represe	entative)
Vessel:		liam M	Project No:	178	3	Date:	,	ovember 2016
Client:		Wind	Location:			Report No.	00 110	024
Cilent.	00	wind		Export Cable G	-	Report No.		024



## Daily Progress Reports Inshore HRG Reroute Survey

Vessel:		M/V William M.		_	Project No		1783
Client:		US Wind		Т	odays Date		20 September 2017 1
Location: Project:		Indian River Bay xport Cable Route	Surveys		Report No Start Date		20 September 2017
110,000.	00 11110 2		curreye		Oldri Dall		
	All times are	EST		(GMT -	4:00	hrs)	
AA.	VESSEL LOCA	TION AT 24:00 HR	S:				
Description:	Indian River Mari	na	Latitude	: 38° 36' 46.6		Longitude:	75° 04' 21.6
	WEATHER:						
BB. Time	BAROM	WIND	)	WAVE	VISIB.	SKY	[
Local)	mb	Speed kts	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00			2			001120	
08:00				N/A	N/A	Clear	
16:00				N/A	N/A	Clear	
24:00							
CC.	PERSONNEL &						
CC. C1.	Alpine OSS Per						
	G. Matt Slusher						
	Dennis Wilson						
Surveyor:							
C2.	Additional Pers	sonnel					
C3.	<b>Client Personn</b>	el:					
Client Rep.							
C4.	Personnel On E		1	1			<b>1 </b>
ALPINE:	2	CLIENT:		VESSEL:		OTHERS:	TOTAL 2
C5.							
	LAL PINE'S Fau						
	ALPINE'S Equi	Sontek Castaway CTD					
<pre>     POSMV     h 6205 </pre>				-			
POSMV h 6205		Sontek Castaway CTD					
<pre>     POSMV </pre>	PS	Sontek Castaway CTD QPS QINSy					
k POSMV h 6205 Nav Beacon DGI		Sontek Castaway CTD QPS QINSy					
k POSMV h 6205 Nav Beacon DGI NRS RTK	PS	Sontek Castaway CTD QPS QINSy					
k POSMV h 6205 Nav Beacon DGI NRS RTK	PS	Sontek Castaway CTD QPS QINSy					
R POSMV th 6205 Nav Beacon DGI to VRS RTK <b>C6.</b>	PS Additional Equ	Sontek Castaway CTD QPS QINSy	s of changes	of personnel / e	quipment	)	
K POSMV th 6205 Nav Beacon DG th VRS RTK C6. C7.	PS Additional Equ	Sontek Castaway CTD QPS QINSy ipment ons (include notice	s of changes		quipment	) On Ve	ssel
R POSMV th 6205 Nav Beacon DGI th VRS RTK C6.	PS Additional Equ Project Variatio	Sontek Castaway CTD QPS QINSy ipment ons (include notice	s of changes	s of personnel / e Personnel:	quipment		ssel
k POSMV th 6205 Nav Beacon DG th VRS RTK C6. C7. anel:	PS Additional Equ Project Variatio	Sontek Castaway CTD QPS QINSy ipment ons (include notice	s of changes	Personnel:	quipment		ssel
K POSMV th 6205 Nav Beacon DG th VRS RTK C6. C7.	PS Additional Equ Project Variatio	Sontek Castaway CTD QPS QINSy ipment ons (include notice	s of changes		quipment		ssel
<pre>x POSMV th 6205 Nav Beacon DG to VRS RTK C6. C7. c7. meel:</pre>	PS Additional Equ Project Variatic Off Ve	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel	s of changes	Personnel:	quipment		
<pre>x POSMV th 6205 Nav Beacon DG to VRS RTK C6. C7. anel: ment: DD.</pre>	PS Additional Equ Project Variatic Off Ve DIARY OF EVE	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel		Personnel:	quipment		ssel
<pre>x POSMV th 6205 Nav Beacon DG to VRS RTK C6. C7. anel: ment: DD. From</pre>	PS Additional Equ Project Variatic Off Ve DIARY OF EVE To	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel NTS TODAY: hrs	Code	Personnel: Equipment:			
<pre>     POSMV     h 6205     Nav Beacon DG     VRS RTK     C6.     C7.     nnel:     nent:     From     7:00 </pre>	PS Additional Equ Project Variatic Off Ve DIARY OF EVE To 13:00	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel NTS TODAY: hrs 6:00	Code M	Personnel: Equipment: Preperations for tra	avel	On Ve	
POSMV     h 6205     Nav Beacon DG     VRS RTK     C6.     C7.     nnel:     nent:     From     7:00     13:00	PS Additional Equ Project Variatic Off Ve DIARY OF EVE To 13:00 18:45	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel NTS TODAY: hrs 6:00 5:45	Code M M	Personnel: Equipment: Preperations for tra Crew / vessel trans	avel iit to Indian F	On Ve	
<pre>     POSMV     h 6205     Nav Beacon DG     VRS RTK     C6.     C7.     nnel:     nent:     From     7:00 </pre>	PS Additional Equ Project Variatic Off Ve DIARY OF EVE To 13:00	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel NTS TODAY: hrs 6:00	Code M	Personnel: Equipment: Preperations for tra	avel iit to Indian F	On Ve	
POSMV     h 6205     Nav Beacon DG     VRS RTK     C6.     C7.     nnel:     nent:     From     7:00     13:00	PS Additional Equ Project Variatic Off Ve DIARY OF EVE To 13:00 18:45	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel NTS TODAY: hrs 6:00 5:45	Code M M	Personnel: Equipment: Preperations for tra Crew / vessel trans	avel iit to Indian F	On Ve	
POSMV     h 6205     Nav Beacon DG     VRS RTK     C6.     C7.     nnel:     nent:     From     7:00     13:00	PS Additional Equ Project Variatic Off Ve DIARY OF EVE To 13:00 18:45	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel NTS TODAY: hrs 6:00 5:45	Code M M	Personnel: Equipment: Preperations for tra Crew / vessel trans	avel iit to Indian F	On Ve	
POSMV     h 6205     Nav Beacon DG     VRS RTK     C6.     C7.     nnel:     nent:     From     7:00     13:00	PS Additional Equ Project Variatic Off Ve DIARY OF EVE To 13:00 18:45	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel NTS TODAY: hrs 6:00 5:45	Code M M	Personnel: Equipment: Preperations for tra Crew / vessel trans	avel iit to Indian F	On Ve	
POSMV     h 6205     Nav Beacon DG     VRS RTK     C6.     C7.     nnel:     nent:     From     7:00     13:00	PS Additional Equ Project Variatic Off Ve DIARY OF EVE To 13:00 18:45	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel NTS TODAY: hrs 6:00 5:45	Code M M	Personnel: Equipment: Preperations for tra Crew / vessel trans	avel iit to Indian F	On Ve	
POSMV     h 6205     Nav Beacon DG     VRS RTK     C6.     C7.     nnel:     nent:     From     7:00     13:00	PS Additional Equ Project Variatic Off Ve DIARY OF EVE To 13:00 18:45	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel NTS TODAY: hrs 6:00 5:45	Code M M	Personnel: Equipment: Preperations for tra Crew / vessel trans	avel iit to Indian F	On Ve	
POSMV     h 6205     Nav Beacon DG     VRS RTK     C6.     C7.     nnel:     nent:     From     7:00     13:00	PS Additional Equ Project Variatic Off Ve DIARY OF EVE To 13:00 18:45	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel NTS TODAY: hrs 6:00 5:45	Code M M	Personnel: Equipment: Preperations for tra Crew / vessel trans	avel iit to Indian F	On Ve	
POSMV     h 6205     Nav Beacon DG     VRS RTK     C6.     C7.     center     DD.     From     7:00     13:00	PS Additional Equ Project Variatic Off Ve DIARY OF EVE To 13:00 18:45	Sontek Castaway CTD QPS QINSy ipment ons (include notice ssel NTS TODAY: hrs 6:00 5:45	Code M M	Personnel: Equipment: Preperations for tra Crew / vessel trans	avel iit to Indian F	On Ve	

EE.	PROJECT DAT	A:						
E1.	Time Summary							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М				12:00	12:00		100.00
Transit	Т							
Calibrations	С							
Operational	0							
Weather Standby	W							
Standby on Client	S							
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO							
			TOTAL		12:00	12:00		100.00%
Hrs. of D	aily Operations	12		Cumul	ative Hours (	Check Value=	12.00	
E2.	Survey Progres	s:						INSERT A ROW
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Recon		25.00		25.00				
Standby (Processing Day	rs)	3.00		3.00				
Cable Route Survey		84.00		84.00				
Mobilization & Calibration	ns (Lump Sum)	0.65		1.00		0.35	0.35	35.00%
	TOTALS:	112.65		113.00		0.35	0.35	0.31%
FF.	<b>SAFETY</b> (Details	s & Figures for Vess	el and Survey	Crews and Clien	t Representat	tives)		
				la sidente 8 Drille	Previous	Tadada Frank	Events To Date	
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings		1	1	
		Ships	s Drill, MOB, Fire	e & Abandon Ship				
			١	/essel guided tour				
		M		t / First Aid Cases				
				Fool Box Meetings				
				Incident Reports				
			Ν	Near Miss Reports				
				vation Card (SOB)				
			-					
				Observation Card				
	No. of sur	vey Man-Hours work	ed since start	of project or LTL		24:00	24:00	
GG.	VESSEL ROB's					24.00	24.00	
			Fu	el (T)	Lube	e Oil (L)	V	Vater (T)
		Start of Project		0.(1)	2000	0(2)		
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 H	RS.					
N winds 5 to 10 kt.								
II.		PROGRAM NEXT 2	4 HRS					
Survey equipment calib								
		COMMENTS: (Op	tional)					
			lionaly					
KK.	REPRESENTAT	IVE'S COMMENTS	· (Ontional)					
TATA.								
						For	ESS	
	For ALPINE					For	200	
	ansel							
2	T							
	0 Matt 01							
	G. Matt Slusher							ntetive)
	Survey Party Chie	,	<b>D</b>		•		(Client Represe	•
Vessel:		/illiam M.	Project No:			Date:	20 Sep	otember 2017
Client:	05	Wind	Location:	Indian Riv US Wind Expo		Report No.		001
			Project:		п саре коц	ite ourvevs		

<b>\$Al</b> k							DAILY REPORT
Vessel: Client: Location:		M/V William M. US Wind Indian River Bay	_	т	Project No odays Date Report No	:	1783 21 September 2017 2
Project:		Export Cable Route		(01.17	Start Date		20 September 2017
	All times are	EST		(GMT -	4:00	hrs)	
<b>AA.</b>		TION AT 24:00 HRS		200 201 40 47		1 2 1	75% 0.41 00 04
Description:	Indian River Mari	na	Latitude	: 38° 36' 46.47		Longitude:	75° 04' 26.01
BB.	WEATHER:						
Time	BAROM	WIND	1	WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	
00:00 08:00				Calm	2	Clear	
16:00				Calm	2	Clear	
24:00				Cant	L	Cical	
		·	• •	•			·
CC.	PERSONNEL &						
C1.	Alpine OSS Per	sonnel:					
-	G. Matt Slusher Dennis Wilson						
Surveyor: Surveyor:							
C2.	Additional Pers	onnel	L				
-							
C3.	<b>Client Personne</b>	el:					
Client Rep.	Payson Whitney						
C4.	Personnel On E	loard					
						0711550	
ALPINE:	2	CLIENT:	1	VESSEL:		OTHERS:	TOTAL 3
	2	CLIENT:	1	VESSEL:		OTHERS:	TOTAL 3
C5.		CLIENT:	1	VESSEL:		OTHERS:	TOTAL 3
C5. planix POSMV getech 6205	2 ALPINE'S Equi	CLIENT:	1	VESSEL:		OTHERS:	TOTAL 3
C5. planix POSMV getech 6205 mble Nav Beacon DG	2 ALPINE'S Equi	CLIENT: oment: Sontek Castaway CTD	1	VESSEL:		OTHERS:	TOTAL 3
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK	2 ALPINE'S Equip	CLIENT: oment: Sontek Castaway CTD QPS QINSy	1	VESSEL:		OTHERS:	TOTAL 3
C5. planix POSMV getech 6205 mble Nav Beacon DG	2 ALPINE'S Equi	CLIENT: oment: Sontek Castaway CTD QPS QINSy	1	VESSEL:		OTHERS:	TOTAL 3
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK	2 ALPINE'S Equip	CLIENT: oment: Sontek Castaway CTD QPS QINSy	1	VESSEL:		OTHERS:	TOTAL 3
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK	2 ALPINE'S Equip	CLIENT: oment: Sontek Castaway CTD QPS QINSy	1	VESSEL:		OTHERS	TOTAL 3
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6.	2 ALPINE'S Equip PS Additional Equi	CLIENT: Doment: Sontek Castaway CTD QPS QINSy D D D D D D D D D D D D D			juipment)	OTHERS:	TOTAL 3
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK	2 ALPINE'S Equip PS Additional Equi	CLIENT: Sontek Castaway CTD QPS QINSy ipment			quipment)	OTHERS:	
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7.	2 ALPINE'S Equip PS Additional Equi Project Variatio	CLIENT: Sontek Castaway CTD QPS QINSy ipment			quipment)		
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7.	2 ALPINE'S Equip PS Additional Equi Project Variatio	CLIENT: Sontek Castaway CTD QPS QINSy ipment		of personnel / ec	quipment)		
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7.	2 ALPINE'S Equip PS Additional Equi Project Variatio	CLIENT: Sontek Castaway CTD QPS QINSy ipment		of personnel / ec	quipment)		
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7.	2 ALPINE'S Equip PS Additional Equi Project Variatio	CLIENT: Sontek Castaway CTD QPS QINSy ipment		of personnel / ec	quipment)		
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment:	2 ALPINE'S Equip PS Additional Equi Project Variatio Off Ve	CLIENT: Sontek Castaway CTD QPS QINSy ment		of personnel / ec	quipment)		
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD.	2 ALPINE'S Equip PS Additional Equi Project Variatic Off Ve	CLIENT: Sontek Castaway CTD QPS QINSy mpment ons (include notices ssel	s of changes	of personnel / ec	quipment)		
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment:	2 ALPINE'S Equip PS Additional Equi Project Variatio Off Ve	CLIENT: Sontek Castaway CTD QPS QINSy ment		of personnel / ec		On Ve	ssel
C5. Dlanix POSMV getech 6205 mble Nav Beacon DG iicom VRS RTK C6. C7. rsonnel: uipment: DD. From	2 ALPINE'S Equip PS Additional Equi Project Variatic Off Ve DIARY OF EVEL To	CLIENT: Sontek Castaway CTD QPS QINSy mpment ons (include notices ssel	s of changes	of personnel / ec	and Survey	On Ve	ssel
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00	2 ALPINE'S Equip PS Additional Equi Project Variatic Off Ve DIARY OF EVEL To 12:00	CLIENT: Sontek Castaway CTD QPS QINSy pment ons (include notices ssel NTS TODAY: hrs 6:00	s of changes	of personnel / ec	and Survey onducting ca	On Ve	ssel
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: uipment: DD. From 6:00 12:00	2 ALPINE'S Equip PS Additional Equi Project Variatio Off Ve Off Ve DIARY OF EVEL To 12:00 17:00	CLIENT: Sontek Castaway CTD QPS QINSy ipment ons (include notices ssel NTS TODAY: hrs 6:00 5:00	s of changes	of personnel / ec Personnel: Equipment: Onsite Mobilization Vessel underway c	and Survey onducting ca	On Ve	ssel
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 12:00	2 ALPINE'S Equip PS Additional Equi Project Variatio Off Ve Off Ve DIARY OF EVEL To 12:00 17:00	CLIENT: Sontek Castaway CTD QPS QINSy ipment ons (include notices ssel NTS TODAY: hrs 6:00 5:00	s of changes	of personnel / ec Personnel: Equipment: Onsite Mobilization Vessel underway c	and Survey onducting ca	On Ve	ssel
C5. planix POSMV lgetech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: puipment: DD. From 6:00 12:00	2 ALPINE'S Equip PS Additional Equi Project Variatio Off Ve Off Ve DIARY OF EVEL To 12:00 17:00	CLIENT: Sontek Castaway CTD QPS QINSy ipment ons (include notices ssel NTS TODAY: hrs 6:00 5:00	s of changes	of personnel / ec Personnel: Equipment: Onsite Mobilization Vessel underway c	and Survey onducting ca	On Ve	ssel
C5. planix POSMV lgetech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: puipment: DD. From 6:00 12:00	2 ALPINE'S Equip PS Additional Equi Project Variatio Off Ve Off Ve DIARY OF EVEL To 12:00 17:00	CLIENT: Sontek Castaway CTD QPS QINSy ipment ons (include notices ssel NTS TODAY: hrs 6:00 5:00	s of changes	of personnel / ec Personnel: Equipment: Onsite Mobilization Vessel underway c	and Survey onducting ca	On Ve	ssel
C5. planix POSMV lgetech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: puipment: DD. From 6:00 12:00	2 ALPINE'S Equip PS Additional Equi Project Variatio Off Ve Off Ve DIARY OF EVEL To 12:00 17:00	CLIENT: Sontek Castaway CTD QPS QINSy ipment ons (include notices ssel NTS TODAY: hrs 6:00 5:00	s of changes	of personnel / ec Personnel: Equipment: Onsite Mobilization Vessel underway c	and Survey onducting ca	On Ve	ssel
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: uipment: DD. From 6:00 12:00	2 ALPINE'S Equip PS Additional Equi Project Variatio Off Ve Off Ve DIARY OF EVEL To 12:00 17:00	CLIENT: Sontek Castaway CTD QPS QINSy ipment ons (include notices ssel NTS TODAY: hrs 6:00 5:00	s of changes	of personnel / ec Personnel: Equipment: Onsite Mobilization Vessel underway c	and Survey onducting ca	On Ve	ssel
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 12:00	2 ALPINE'S Equip PS Additional Equi Project Variatio Off Ve Off Ve DIARY OF EVEL To 12:00 17:00	CLIENT: Sontek Castaway CTD QPS QINSy ipment ons (include notices ssel NTS TODAY: hrs 6:00 5:00	s of changes	of personnel / ec Personnel: Equipment: Onsite Mobilization Vessel underway c	and Survey onducting ca	On Ve	ssel
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: uipment: DD. From 6:00 12:00	2 ALPINE'S Equip PS Additional Equi Project Variatio Off Ve Off Ve DIARY OF EVEL To 12:00 17:00	CLIENT: Sontek Castaway CTD QPS QINSy ipment ons (include notices ssel NTS TODAY: hrs 6:00 5:00	s of changes	of personnel / ec Personnel: Equipment: Onsite Mobilization Vessel underway c	and Survey onducting ca	On Ve	ssel

B.         The Summary:         Percent of Today         Today         Today         Percent of Today           Real         Case         Haze	Rate         Code         Previous         Today         Total         Percent of           Mobilization         M         12:00         12:00         24:00         100.00           Calibrations         C         24:00         100.00         100.00           Operational         O         Vessel Downline         VD         12:00         12:00         24:00         100.00           Weather Standby         W         Standby on Clent         S         Vessel Downline         VD         VD         Port Standby         PS         Survey Downline         SD         100.00         100.00           Mol Shudown         MMO         TOTAL         12:00         12:00         24:00         100.00           Hs. of Daily Operations         12         Cumulative Hours Check Value=         24:00         100.00           Hs. of Daily Operations         12         Cumulative Hours Check Value=         24:00         100.00           Hs. of Daily Operations         12         Cumulative Hours Check Value=         24:00         100.00           Bescription         Km Left         Area         Total Km         Km Prev         Today Km         Km To Date         % Comple           Recon         25:00         3:00 <t< th=""><th>/6 sted</th></t<>	/6 sted
Note         Cos         Hour	Rate     Code     Hours     Hours     Hours     Hours     Hours     Hours     Percent of       Mobilization     M     12:00     12:00     24:00     100.00       Calibrations     C     Operational     0     12:00     24:00     100.00       Weather Standby     W     Image: Standby of Clent     S     Image: Standby of Clent     S     Image: Standby of Clent     S       Vessel Downtime     VD     Port Standby     PS     Image: Standby of Clent     S     Image: Standby of Clent     S       Strivey Downtime     SD     MMO     TOTAL     12:00     12:00     24:00     100.00       MMOS Shudow     PS     Image: Standby of Clent     S     Image: Standby of Clent     S     Image: Standby of Clent     Image: Standby of Clent <td< td=""><td>/6 sted</td></td<>	/6 sted
Mediation         M         T         12:00         12:00         24:00         \$00:00           Weather Straty         C         Columbos         C         Columbos         S0:00         \$00:00           Operational         C         C         Columbos         C         S0:00         \$00:00           Standay Class         C         C         Columbos         C         Columbos         S0:00         S0:00<	Mobilization     M     Transit     T       Calibrations     C     Operational     0       Weather Standby     W     Standby or Client     S       Vessel Downtime     VD     VD       Port Standby     PS       Survey Downtime     MMO       MOS     TOTAL     12:00     12:00     24:00       Haintenance time     MT       Disputed Time     DT       MOS     MMO     TOTAL     12:00     12:00     24:00       Hrs. of Daily Operations     12     TOTAL     12:00     24:00     100.00       Hrs. of Daily Operations     12     Cumulative Hours Check Value=     24:00     100.00       Hrs. of Daily Operations     12     TOTAL     12:00     24:00     100.00       Hrs. of Daily Operations     12     Cumulative Hours Check Value=     24:00       Esc.     Survey Progress:     Cumulative Hours Check Value=     24:00       Description     Km Left     Area     Total Km     Km Tro Date     % Complet       Recon     25:00     3:00     3:00     3:00     0:05     0:85     0:75%       Mobilization & Calibrations (Lump Sum)     0:15     1:00     0:35     0:50     0:85     0:75%       FF.<	/6 sted
Tania         T         Calification         C           Quarteria         Operations         C         Construction         C           Weater Blaudy, W         Simulations         C         C         Construction         C           Simulation         C         Simulations         C         C         Construction         C         C           Materiance trim         MT         Department         D         TOTAL         12.00         24.00         100.00%           Hat of Debly Operations         TOTAL         Total (cn         No Processing Deblay)         Since Society         24.00         Since Society           Decomption         Kin Labit         Visa         Total (cn         No Processing Deblay)         Since Society         Since	Transit     T       Calibrations     C       Operational     O       Weather Standby     W       Shandby on Client     S       Vessel Downtime     VD       Port Standby     PS       Survey Downtime     SD       MAIntenance time     MT       Disputed Time     DT       MMO Shutdown     MMO       TOTAL       12:00       24:00       E2.       Survey Progress:       Cumulative Hours Check Value=       24:00       E2.       Survey Progress:       Description       Km Left     Area       Total Km     Km Prev     Today Km       Km To Date     % Comple       Standby (Creessing Days)       3.00     3.00       Calibrations (Lump Sum)       0.15     ToTAL       ToTAL       ToTAL       Incidents & Drill       Project & HSE Briefings       1     1       Stips Drill, MOB, Fire & Abandon Ship       Vessel guided tour       Medical Treatement / First Al Cases	/6 sted
Caboliticity         C         Construction	Calibrations       C         Operational       O         Weather Standby       W         Standby on Client       S         Vessel Downtime       VD         Port Standby       PS         Survey Downtime       DD         MMO       MMO         TOTAL       12:00       12:00         Hrs. of Daily Operations       12         Calibration & Calibrations       12         Cumulative Hours Check Value=       24.00         E2.       Survey Progress:         Description       Km Left         Recon       25.00         Standby (Processing Days)       3.00         Standby (Processing Days)       3.00         Standby (Processing Days)       3.00         Standby (Processing Liump Sum)       0.15         TOTAL       113.00       0.35         O.50       0.85       85.00%         FF,       SAFETY (Details & Figures for Vessel and Survey Crews and Client Reprosentatives)         Frevious       Project & HSE Briefings       1         Incident Reports       1       1         Ships Drill, MOB, Fire & Abandon Ship       1       1         Vessel guided four       NeartMiss Reports	eted
Operations         O         O           Wather Study on Clefe         5         5           Vessel Ourmer         V0         Port Study         Pis           Study On Clefe         5         5         Vessel Ourmer         V0           Port Study         Pis         Study On Clefe         S0         Vessel Ourmer         V0           Study On Clefe         S0         Vessel Ourmer         V0         Vessel Ourmer         Vessel	Operational Weather Standby     O W Standby on Client Standby     O W W Standby on Client Sb     Survey Downtime VD     VD       Port Standby Port Standby     VD     PS       Survey Downtime MMO Shutdown     MT     Disputed Time DT     MT       MMO Shutdown     MMO     TOTAL     12:00     12:00     24:00     100.00*       Hrs. of Daily Operations     12     Cumulative Hours Check Value     24:00     24:00     100.00*       E2.     Survey Progress:     Cumulative Hours Check Value     24:00     24:00     100.00*       Recon     25:00     25:00     25:00     25:00     26:00     3:00     3:00       Standby (Processing Days)     3:00     3:00     3:00     3:00     3:00     0:35     0:50     0:85     85:00*       Meditization & Calibrations (Lump Sum)     0:15     1:00     0:35     0:50     0:85     0:75%       FF.     SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)     Incident & S Drills     Providus     1     1       Project & HSE Briefings Incident Reports     1     1     1     1     1       Ships Drill, MOB, Fire & Abandon Ship Uncident Reports     1     1     1     1       Ships Drill, MOB, Fire & Abandon Ship Uncident Reports     1     1	eted
Wester Standy of W         Sindry Older         Image: Sindry Older	Weather Standby       W         Standby on Client       S         Vessel Downtime       VD         Port Standby       PS         Survey Downtime       SD         Maintenance time       MT         Disputed Time       DT         MMO Shutdown       MMO         TOTAL         12:00         Cumulative Hours Check Value         24:00         E2.         Survey Progress:         Description         Km Left         Area         Cumulative Hours Check Value         24.00         E2.         Survey Progress:         Description         Km Left       Area         Total Km       Km Prev       Today Km       Km To Date       % Complet         Recon       25.00       25.00       3.00       calable Route Survey       84.00       84.00       Mobilization & Calibrations (Lump Sum)       0.15       10.00       0.35       0.50       0.85       0.75%         FF.       SAFETY (Details & Figures for Vess	eted
Standby on Clean         S         S           Vessel County         P8         P	Standby on Client       S         Vessel Downtime       VD         Port Standby       PS         Survey Downtime       SD         Maintenance time       MT         Disputed Time       DT         MMO       TOTAL       12:00       24:00         Example to the second secon	eted
Vessel Downlame         VD         VD <thvd< th="">         VD         VD</thvd<>	Vessel Downtime       VD         Port Standby       PS         Survey Downtime       SD         Maintenance time       MT         Disputed Time       DT         MMO       MMO         TOTAL         12:00       12:00         Project A HSE Briefings         1       11         MMO Shutdown         MMO         TOTAL         Cumulative Hours Check Value=         24.00         E2.         Survey Progress:         Description         Km Left         Area         Cumulative Hours Check Value=         24.00         Escription         Km Left         Description         Km Left         Area         25.00         3.00         Colspan="2">Cumulative Hours Check Value=         Colspan="2">Colspan="2">Colspan="2">Colspan="2">24.00         Colspan="2">Colspan="2">Colspan="2">24.00         Colspan="2"Colspan="2"Colsp	eted
Bits         Bits <th< td=""><td>Port Standby Survey Downtime       PS SD         Survey Downtime       SD         Maintenance time       MT         Disputed Time       DT         MMO       TOTAL       12:00       24:00       100.00'         Hrs. of Daily Operations       12       Cumulative Hours Check Value=       24.00         E2.       Survey Progress:       Cumulative Hours Check Value=       24.00         Bescription       Km Left       Area       Total Km       Km Prev       Today Km       Km To Date       % Comple         Recon       25.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00</td><td>eted</td></th<>	Port Standby Survey Downtime       PS SD         Survey Downtime       SD         Maintenance time       MT         Disputed Time       DT         MMO       TOTAL       12:00       24:00       100.00'         Hrs. of Daily Operations       12       Cumulative Hours Check Value=       24.00         E2.       Survey Progress:       Cumulative Hours Check Value=       24.00         Bescription       Km Left       Area       Total Km       Km Prev       Today Km       Km To Date       % Comple         Recon       25.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00	eted
Survey Dominine         SD Nativeshoot         TOTAL         1220         1200         24.00           Hits of Daby Operations         12         Cumulative Hours Check Value=         24.00         100.00%           E2         Survey Progress:         Cumulative Hours Check Value=         24.00         30.0         30.0           E3         Survey Progress:         Survey Progress:         Total         Km To Date         % Completed           Root         30.0         3.00         3.00         0.50         0.85         88.00%           Survey Progress:         Unstantions (ump Bun?)         0.15         1.00         0.35         0.50         0.85         88.00%           FF.         SAFETY (Details & Figures for Vessal and Survey Crews and Clearer Representatives)         Events         Total         1         1           Violatida & Dia         Project A HSE Briffings         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1	Survey Downtime Maintenance time Disputed Time MMO Shutdown         SD MT DT MMO         MT DT MMO         NT DT MMO         NT DT MMO         NT DT MMO         NT DT MMO         NT DT MMO         NT DT MMO         NT DT MMO         NT DT DT MMO         NT DT DT MMO         NT DT DT MMO         NT DT DT MMO         NT DT DT DT MMO         NT DT DT DT DT DT DT DT DT DT DT DT DT DT	eted
Marine manoe time Displayed in the NMOD Shrudsown         NT DTAL         12:00         12:00         24:00           Hrs. of Dayl Operations         12         Cumulative Hours Check Values         190.00%.           Hrs. of Dayl Operations         12         Cumulative Hours Check Values         34:00           Bescription         Kin. Lift         Area         Total K         North Yet         Totaly Km         Kin To Dale         % Completed           Sector (Processing Use)         26:00         3:00         3:00         0:35         0:36         0:35         0:35         0:35         0:35         0:37%           Cell France Strang         0:16         11:00         0:35         0:30         0:35         0:35         0:37%           FF         SAFETY (Datals & Tiggines for Vescel and Survey Oreson and Client Representatives)         0:45         0:77%         0:45         0:77%           Frequencies         Frequencies         Total & Transmith         1         1         1         1           Vescal guide thur         Northie & Atomos Simp Vescal guide thur         1         1         1         1           Net Reports         Singly for Northie & Singly Gradit Site Singly	Maintenance time Disputed Time MMO Shutdown         MT DT MMO         MT DT MMO         MT DT         MT DT         MT DT         MT DT         MT DT         MT         Material State         State         Mt         Mt <t< td=""><td>eted</td></t<>	eted
Depotest Time         DT         TOTAL         12:00         12:00         24:00         1000.00%           HS: of Day Operations         12         Cumulative Hours Check Value=         24:00         1000.00%           Description         Km Left         Area         Total Km         Km Prev         Today Km         Km To Date         % Completed           Description         Km Left         Area         Total Km         Km Prev         Today Km         Km To Date         % Completed           Standary (horesting Day)         3:00         3:00         0:35         0:50         0:85         0:50%           Get Room Sum         Otto Status         11:00         0:35         0:50         0:85         0:50%           FF         SAFETY (Details & Figures for Vassal and Survey Crews and Client Representatives)         1         1         1           Versite         ToTAL         11:00         0:35         0:50         0:80         0:50%           FF         SAFETY (Details & Figures for Vassal and Survey Crews and Client Representatives)         1         1         1           Versite         Ships Dist IM. MDF. Fins A Andros Ship         1         1         1         1           Versite         Ships Dist A Canses         Toda Kasting	Disputed Time MMO Shutdown         DT MMO         DT MOD         DT MOB         DE Completive Hours Check Value=         24.00           E2.         Survey Progress:         Description         Km Left         Area         Total Km         Km Prev         Today Km         Km To Date         % Completive Mouse Moleck           Recon         25.00         25.00         3.00         3.00         3.00         3.00         3.00         0.35         0.50         0.85         85.00%           Cable Route Survey         84.00         84.00         84.00         0.35         0.50         0.85         0.75%           FF.         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Today's Events         Events To Date           Project & HSE Briefings Tool Box Meetings Near Miss Reports Savety Observation Card (SOB)         1	eted
MMO         TOTAL         12:00         12:00         24:00           Hrs. of Daly Operations         12:00         12:00         24:00         1000.00%.           Hrs. of Daly Operations         12:00         24:00         24:00         1000.00%.           Bacciption         25:00         3:00         25:00         3:00         25:00         3:00           Read         25:00         3:00         3:00         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05         0:05	MMO         MMO         TOTAL         12:00         24:00         100.009           Hrs. of Daily Operations         12         Cumulative Hours Check Value=         24.00         24:00         100.009           E2.         Survey Progress:         Cumulative Hours Check Value=         24.00         24:00           Bescription         Km Left         Area         Total Km         Km Prev         Today Km         Km To Date         % Complex           Recon         25:00         3:00         25:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         3:00         0:35         0:50         0:85         85:00%           Mobilization & Calibrations (Lump Sum)         0:15         TOTAL         11:30         0:35         0:50         0:85         0:75%           FF.         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Today's Events         Events To Date         Previous         Previous         Today's Events         Events To Date         Incident Reports         Near Miss Reports         Near Miss Reports         Near Miss Reports <td>eted</td>	eted
TOTAL         12:00         12:00         24:00         100.00%           E2.         Survey Progress:         Cumulative Hours Check Value=         24:00         100.00%           Becoription         Km Laft         Area         Total Km         Km Prev         Total XM         Km To Date         % Completed           Noon         25:00         25:00         3:00         8:00         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50         0:50	TOTAL       12:00       12:00       24:00       100.00         Hrs. of Daily Operations       12       Cumulative Hours Check Value=       24.00         E2.       Survey Progress:       Cumulative Hours Check Value=       24.00         Description       Km Left       Area       Total Km       Km Prev       Today Km       Km To Date       % Comple         Recon       25:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00       3:00 <th< td=""><td>eted</td></th<>	eted
Hrs. of Day Operators 12         Cumulative Hours Check Value=         24.00           E2.         Survey Progress:         Xmulative Hours Check Value=         24.00           Description         Km Laft         Area         Total Km         Km Prev         Today Km         Km To Date         % Completed           Room         25.00         3.00         3.00         3.00         3.00         0.65         0.65         0.85         0.50%           Cale Notes Survey         84.00         84.00         84.00         0.35         0.65         0.85         0.75%           FF.         SAFETY (Details & Figures for Vessel and Survey Creas and Clein Representatives)         1         1         1           Weithard A Calebraton (Lump Surv)         0.15         TOTAL         11.00         0.25         0.60         0.85         0.75%           FF.         SAFETY (Details & Figures for Vessel and Survey Creas and Clein Representatives)         1         1         1         1           Shipe Diff. MDB, Free A Amendro Ship, Vessel and Survey Creas and Clein Representatives)         1         1         1         1           Shipe Diff. MDB, Free A Amendro Ship, Vessel and Survey         Needed Treasment Feat A Step Stepping and Stepping Needed Ste	Hrs. of Daily Operations       12       Cumulative Hours Check Value=       24.00         E2.       Survey Progress:       Description       Km Left       Area       Total Km       Km Prev       Today Km       Km To Date       % Comple         Recon       25.00       25.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00       3.00 <td>eted</td>	eted
Ez.         Survey Progress:           Description         Kn Left         Area         Total Km         Kn Prev         Today Km         Kn To Date         % Completed           Recen         25.00         3.00         8.00         3.00         Solution         Kn Left         Area         Total Km         Kn Prev         Today Km         Kn To Date         % Completed           Becom         3.00         8.00         3.00         3.00         0.35         0.50         0.35         85.00%           Mobilization & Californizations (Lum Sum)         0.15         10.00         0.36         0.50         0.45         85.00%           FF.         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Today's Events         Events To Date         0.75%           FF.         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Today's Events         Events To Date         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1	E2.         Survey Progress:           Description         Km Left         Area         Total Km         Km Prev         Today Km         Km To Date         % Comple           Recon         25.00         25.00         3.00         3.00         3.00         3.00         Standby (Processing Days)         3.00         3.00         3.00         3.00         3.00         84.00         0.35         0.50         0.85         85.00%           Mobilization & Calibrations (Lump Sum)         0.15         10.00         0.35         0.50         0.85         0.75%           FF.         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Today's Events         Events To Date           Project & HSE Briefings           Ships Drill, MOB, Fire & Abandon Ship         Vessel guided tour         1         1           Medical Treatment / First Aid Cases         Todal Sevents         1         1           Near Miss Reports         Near Miss Reports         1         1         1	, D
Description Descri	Description         Km Left         Area         Total Km         Km Prev         Today Km         Km To Date         % Comple           Recon         25.00         3.00         25.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00         3.00	, D
Recon Sendary (Processing Days) Cable Route Survey Meditations (Lump Sum) Cable Route Survey Meditations (Lump Sum) Cable Route Survey Meditations (Lump Sum) Cable Route Survey FF. SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives) Project A RES Bridger Project A RES Bridger Project A RES Bridger Ships DM, MOB, Frie & Abandon Ship Vessel quade truth Near Mass Reports No. of survey Man-Hours worked since start of project or LTL ROB at 00:00 hrs Consumed Toxy Received toxy Recei	Recon       25.00       25.00       3.00         Standby (Processing Days)       3.00       3.00       3.00         Cable Route Survey       84.00       84.00       0.35       0.50       0.85       85.00%         Mobilization & Calibrations (Lump Sum)       0.15       100       0.35       0.50       0.85       85.00%         TOTALS:       112.15       TOTAL       113.00       0.35       0.50       0.85       0.75%         FF.       SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)       Incidents & Drills       Previous Events       Today's Events       Events To Date         Project & HSE Briefings       1       1       1       1       1       1         Medical Treatment / First Aid Cases       Tool Box Meetings       1       1       1       1         Near Miss Reports       Savety Observation Card (SOB)       Savety Observation Card (SOB)       1       1       1	, D
Sandsy Processing Days)         3.00         3.00         8.00         8.00           Cable Route Survey         TOTALS         112.16         TOTAL         113.00         0.35         0.50         0.85         85.00%           FF.         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Incidents & Dails         Previous         Today's Events         Events         Date         0.75%           FF.         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Incidents & Dails         Previous         Today's Events         Events To Date           Project & HSE Birlings         1         1         1         1         1           Ships Drill, MOB, Fire & Abandongs         1         1         1         1           Vessel guided tour         Wessel guided tour         No. of survey Man-Hours worked since start of project or LTI         24.00         36.00         66.00           GG.         VESSEL ROB's at 24:00 hrs         Events         Incident Reports         1         1         1           No. of survey Man-Hours worked since start of project or LTI         24.00         36.00         66.00         0           GG.         VESSEL ROB's at 24:00 hrs         Incident Reports         Incident Reports         Incident Reports	Standby (Processing Days)     3.00     3.00     3.00       Cable Route Survey     84.00     84.00     84.00       Mobilization & Calibrations (Lump Sum)     0.15     1.00     0.35     0.50     0.85     85.00%       TOTALS:     112.15     TOTAL     113.00     0.35     0.50     0.85     0.75%       FF.     SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)     Today's Events     Events To Date       Incidents & Drills     Project & HSE Briefings     1     1     1       Ships Drill, MOB, Fire & Abandon Ship     Vessel guided tour     Nedical Treatment / First Aid Cases     1     1       Incident Reports     Tool Box Meetings     1     1     1     1       Savety Observation Card (SOB)     Savety Observation Card (SOB)     1     1     1	
Cable Route Survey         64.00         84.00         0.35         0.50         0.85         85.00%           Mobilization & Calibrations (Lump Sum)         0.15         TOTALS         112.15         TOTAL         113.00         0.35         0.50         0.85         85.00%           FF.         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Today's Events         Today's Events         Events           Friend MSE Builds         Difference         Figures for Vessel and Survey Crews and Client Representatives)         Today's Events         Events         Today's Events         Events           Ships Drill, MOB, Fire & Abandon Ship         1         1         1         1         1           Weder Transmitr / First AG Cases         1         1         1         1         1           Construction Card         Observation Card         0         36:00         60:00         0           GG.         VESSEL ROB's at 24:00hrs         Events         Events         Events         0         0           ROB at 00:00 hrs         Consume Today         Events         Events         0         0         0         0         0         0         0         0         0         0         0         0         0	Cable Route Survey     84.00     84.00       Mobilization & Calibrations (Lump Sum)     0.15     1.00     0.35     0.50     0.85     85.00%       TOTALS:     112.15     TOTAL     113.00     0.35     0.50     0.85     0.75%       FF.     SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)     Previous Events     Today's Events     Events To Date       Project & HSE Briefings       1     1     1       Ships Drill, MOB, Fire & Abandon Ship Vessel guided tour       Vessel guided tour       Medical Treatment / First Aid Cases       Tool Box Meetings     1     1       Incident Reports Near Miss Reports     1     1	
No.         0.15         1.00         0.25         0.50         0.85         85,00%           TOTALS         112.15         TOTAL         113.00         0.35         0.50         0.85         0.75%           FF.         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)           Incidents & Dills         Privicus         TotAL         1         1         1           Incidents & Dills         Privicus         Todays Events         Events         Todays	Mobilization & Calibrations (Lump Sum)       0.15       1.00       0.35       0.50       0.85       85.00%         TOTALS:       112.15       TOTAL       113.00       0.35       0.50       0.85       0.75%         FF.       SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)       Previous Events       Today's Events       Events To Date         Project & HSE Briefings Ships Drill, MOB, Fire & Abandon Ship Vessel guided tour         Medical Treatment / First Aid Cases       1       1       1         Incident Reports Near Miss Reports       1       1       1	
TOTALS         112.15         TOTAL         113.00         0.35         0.90         0.85         0.75%           FF.         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Today's Events         Events         Today's Events	TOTALS:       112.15       TOTAL       113.00       0.35       0.50       0.85       0.75%         FF.       SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)       Previous Events       Today's Events       Events To Date         Project & HSE Briefings Ships Drill, MOB, Fire & Abandon Ship Vessel guided tour Medical Treatment / First Aid Cases Tool Box Meetings Near Miss Reports Savety Observation Card (SOB)       1       1	
FF.       SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Incidents & Drille         Project & HSE Breifings         Project & HSE Breifings         1       1       1         No. DR Fire & Abandon Ship         Vessel guided tour         Medical Treatment, First Ahadon Ship         Vessel guided tour       1       1       1         Incident Reports         No. of survey Man-Hours worked since start of project or LTI.       24.00       36:00       60:00         GG.       VESSEL ROB's at 24:00 hrs       Fuel (T)       Lube Oil (L)       Water (T)         Consumed Tostsy         Revelved tosty       Consumed Tostsy         Revelved tosty       Revelved tosty         Revelved tosty       Revelved tosty         Revelved tosty       Consumed tosty         Revelved tosty       Revelved tosty         Revelved tosty       Revelved tosty         Revelved tosty       Fuel (T)       Lube Oil (L)       Water (T)	FF.       SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Incidents & Drills       Previous Events       Today's Events       Events To Date         Project & HSE Briefings       1       1         Ships Drill, MOB, Fire & Abandon Ship Vessel guided tour       1       1         Medical Treatment / First Aid Cases       1       1         Tool Box Meetings       1       1         Incident Reports       Near Miss Reports       1         Savety Observation Card (SOB)       Savety Observation Card (SOB)       1	
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Indexins 2 Umits     Doaly 5 EVents     Events     Total 2012       Project 8 HSE briefings     1     1       Vessel guided tour       Medical Treatment / First Ald Cases       Tool Box Meetings     1     1       Net of Survey Man-Hours worked since start of project or LTi     24.00     36:00     60:00       GG.     VESSEL ROB's at 24:00hrs       Fuel (T)     Lube OII (L)     Water (T)       Role at 00:00 http:///right       Role at 00:00 http://right       Role at 20:00 http://right       If high dockside navigational checks and begin recon survey       J.       Party Chilef'S COMMENTS: (Optional)       Role At	Incidents & Drills     Events     Today's Events     Events       Project & HSE Briefings     1     1       Ships Drill, MOB, Fire & Abandon Ship     Vessel guided tour     1       Wedical Treatment / First Aid Cases     1     1       Tool Box Meetings     1     1       Incident Reports     Near Miss Reports     1       Savety Observation Card (SOB)     Savety Observation Card (SOB)     1	
Project & HSE Briefings     1     1       Ships Drill, MOR, Fire & Abandon Ship     1     1       Wedical Treatment / Firs Aid Cases     1     1       Tool Box Meetings     1     1       No. of survey Man-Hours worked since start of project or LTL     24.00     36:00       GG.     VESSEL ROB's at 24:00hrs     0       Fuel (T)     Lube Oil (L)     Water (T)       ROB at 00:00 hrs     0     0       Robins 10 to 15 kt.     0     0       HH.     EXPECTED WEATHER NEXT 24 HRS:     0       NW whots 10 to 15 kt.     0     0       II.     ANTICPATED PROGRAM MEXT 24 HRS:       Finish dockside navigational checks, and begin recon survey     0       JJ.     PARTY CHIEF'S COMMENTS: (Optional)	Events     F       Project & HSE Briefings     1       Ships Drill, MOB, Fire & Abandon Ship     1       Vessel guided tour     1       Medical Treatment / First Aid Cases     1       Tool Box Meetings     1       Incident Reports     1       Near Miss Reports     1       Savety Observation Card (SOB)     1	
Ships Drill, MOB, Fire & Abandon Ship Vessel guided tour     Image: Ships Drill, MOB, Fire & Abandon Ship Vessel guided tour     Image: Ships Drill, MOB, Fire & Abandon Ship       Weddal Treatment / First Ald Cases     1     1       Incident Reports     Tool Box Meetings     1       No. of survey Man-Hours worked since start of project or LT.     24:00     36:00       GG.     VESSEL ROB's at 24:00hrs     Image: Ships Drill, MOB, Fire & Abandon Card       GG.     VESSEL ROB's at 24:00hrs     Image: Ships Drill, MOB, Fire & Abandon Card       ROB at 00:00 hrs     Image: Ships Drill, MOB, Fire & Abandon Card     Image: Ships Drill, MOB, Fire & Abandon Card       GG.     VESSEL ROB's at 24:00hrs     Image: Ships Drill, MOB, Fire & Abandon Card     Image: Ships Drill, MOB, Fire & Abandon Card       ROB at 00:00 hrs     Image: Ships Drill, MOB, Fire & Abandon Card     Image: Ships Drill, MOB, Fire & Abandon Card       ROB at 00:00 hrs     Image: Ships Drill, MOB, Fire & Abandon Card     Image: Ships Drill, MOB, Fire & Abandon Card       Rob at 24:00 hrs     Image: Ships Drill, MOB, Fire & Abandon Card     Image: Ships Drill, Fire & Abandon Card       Winds 10 to 15 kt.     Image: Ships Drill, Fire & Abandon Ship     Image: Ships Drill, Fire & Abandon Ship       Image: Ships Drill, Drill, Drill, Ships Dri	Ships Drill, MOB, Fire & Abandon Ship       Vessel guided tour         Vessel guided tour       Medical Treatment / First Aid Cases         Tool Box Meetings       1         Incident Reports       1         Near Miss Reports       1         Savety Observation Card (SOB)       1	
Wessel guided tour Medical Treatment / First Aid Cases Tool Box Meetings     1     1       Incident Reports Near Miss Reports Savety Observation Card (SDB) Observation Card (SDB) Observation Card (SDB) Observation Card (SDB) Observation Card (SDB)     1     1       Model All Structure Man-Hours worked since start of project or LTL     24.00     36:00     60:00       GG.     VESSEL ROB's at 24:00hrs	Vessel guided tour         Medical Treatment / First Aid Cases         Tool Box Meetings       1         Incident Reports         Near Miss Reports         Savety Observation Card (SOB)	
Medical Treatment / First Aid Cases Tool Box Meetings         1         1           Incident Reports Savety Observation Card         1         1           Near Miss Reports Savety Observation Card         1         1           CG.         VESSEL ROB's at 24:00hrs         60:00           GG.         VESSEL ROB's at 24:00hrs         60:00           ROB at 00:00 hrs         1         1           Consumed Today         1         1           ROB at 00:00 hrs         1         1           ROB at 24:00 hrs         1         1           NV whofs 10 to 15 kt.         1         1           I.         AntriCipPatEo PROGRAM NEXT 24 HRS:         1           Finish dockside navigational checks, and begin recon survey         1         1           J.         PARTY CHIEP'S COMMENTS: (Optional)         1           KK. </td <td>Medical Treatment / First Aid Cases       1       1         Tool Box Meetings       1       1         Incident Reports       1       1         Near Miss Reports       1       1         Savety Observation Card (SOB)       1       1</td> <td></td>	Medical Treatment / First Aid Cases       1       1         Tool Box Meetings       1       1         Incident Reports       1       1         Near Miss Reports       1       1         Savety Observation Card (SOB)       1       1	
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Near Miss Reports Savety Observation Card (SOB) Observation Card (SOB)           GG.         VESSEL ROB's at 24:00hrs         Fuel (T)         Lube OII (L)         Water (T)           Fuel (T)         Lube OII (L)         Water (T)         Water (T)           ROB at 00:00 hrs         Image: Consumed Today Received today         Image: Consumed Today Received today         Image: Consumed Today Received today         Image: Consumed Today           HH.         EXPECTED WEATHER NEXT 24 HRS:         Image: Consumed Today         Image: C	Near Miss Reports Savety Observation Card (SOB)	
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Observation Card         Image: Constraint of project or LTI         24:00         36:00         60:00           GG.         VESSEL ROB's at 24:00hrs         Fuel (T)         Lube Oil (L)         Water (T)           ROB at 00:00 hrs         Image: Consumed Today         Image: Consumed Today         Image: Consumed Today           Received today         RoB at 24:00 hrs         Image: Consumed Today         Image: Consumed Today           Received today         RoB at 24:00 hrs         Image: Consumed Today         Image: Consumed Today           Received today         ROB at 24:00 hrs         Image: Consumed Today         Image: Consumed Today           RoB at 24:00 hrs         Image: Consumed Today         Image: Consumed Today         Image: Consumed Today           RoB at 24:00 hrs         ROB at 24:00 hrs         Image: Consumed Today         Image: Consumed Today           RoB at 24:00 hrs         ROB at 24:00 hrs         Image: Consumed Today         Image: Consumed Today           NW winds 10 to 15 kt.         Image: Consumed Today at Image: Consumed Today         Image: Consumed Today         Image: Consumed Today           JJ         PARTY CHIEF'S COMMENTS: (Optional)         Image: Consumed Today         Image: Consumed Today         Image: Consumed Today           G. Matt Slusher         G. Matt Slusher         Column Consumed Today         Image: Colu		
No. of survey Man-Hours worked since start of project or LTI.         24:00         36:00         60:00           GG.         VESSEL ROB's at 24:00hrs         Fuel (T)         Lube Oil (L)         Water (T)           ROB at 00:00 hrs         Consumed Today	Observation Card	
GG.       VESSEL ROB's at 24:00hrs         Fuel (T)         Lube Oil (L)       Water (T)         ROB at 00:00 hrs		
GG.       VESSEL ROB's at 24:00hrs         Fuel (T)         Lube Oil (L)       Water (T)         ROB at 00:00 hrs		
Fuel (T)     Lube Oil (L)     Water (T)       ROB at 00:00 hrs		
ROB at 00:00 hrs     Image: Consumed Today       Received today     Image: Consumed Today       ROB at 24:00 hrs     Image: Consumed Today       NW winds 10 to 15 kt.     Image: Consumed Today       II.     ANTICIPATED PROGRAM NEXT 24 HRS:       Finish dockside navigational checks, and begin recon survey     Image: Consumed Today       JJ.     PARTY CHIEF'S COMMENTS: (Optional)         KK.     REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE     For ESS         Image: Consumed Today     For ESS         G. Matt Slusher     (Client Representative)		
Consumed Today     Received today       ROB at 24:00 hrs     ROB at 24:00 hrs       HH.     EXPECTED WEATHER NEXT 24 HRS:       NW winds 10 to 15 kt.     II.       II.     ANTICIPATED PROGRAM NEXT 24 HRS:       Finish dockside navigational checks, and begin recon survey     JJ.       JJ.     PARTY CHIEF'S COMMENTS: (Optional)       KK.     REPRESENTATIVE'S COMMENTS: (Optional)       For ALPINE     For ESS       JJ.     For ALPINE       G. Matt Slusher     (Client Representative)	Fuel (1) Lube Oli (L) Water (1)	
Consumed Today     Received today       ROB at 24:00 hrs     ROB at 24:00 hrs       HH.     EXPECTED WEATHER NEXT 24 HRS:       NW winds 10 to 15 kt.     II.       II.     ANTICIPATED PROGRAM NEXT 24 HRS:       Finish dockside navigational checks, and begin recon survey     JJ.       JJ.     PARTY CHIEF'S COMMENTS: (Optional)       KK.     REPRESENTATIVE'S COMMENTS: (Optional)       For ALPINE     For ESS       JJ.     For ALPINE       G. Matt Slusher     (Client Representative)		
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ROB at 24:00 hrs         HH. EXPECTED WEATHER NEXT 24 HRS:         NW winds 10 to 15 kt.       III.         II.       ANTICIPATED PROGRAM NEXT 24 HRS:         Finish dockside navigational checks, and begin recon survey       JJ.         JJ.       PARTY CHIEF'S COMMENTS: (Optional)         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE       For ESS         JJ.       Payson Whitney         G. Matt Slusher       (Client Representative)		
HH. EXPECTED WEATHER NEXT 24 HRS:         NW winds 10 to 15 kt.       III. ANTICIPATED PROGRAM NEXT 24 HRS:         Finish dockside navigational checks, and begin recon survey       JJ.         JJ.       PARTY CHIEF'S COMMENTS: (Optional)         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE       For ALPINE         G. Matt Slusher       Payson Whitney         (Survey Party Chief)       Payson Whitney		
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II.       ANTICIPATED PROGRAM NEXT 24 HRS:         Finish dockside navigational checks, and begin recon survey       JJ.         JJ.       PARTY CHIEF'S COMMENTS: (Optional)         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE       For ESS         JJ.       G. Matt Slusher         (Survey Party Chief)       (Client Representative)		
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For ALPINE     For ESS       G. Matt Slusher     Payson Whitney       (Survey Party Chief)     (Client Representative)		
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Client: US Wind Location: Indian River Bay Report No. 002		
	Project: US Wind Export Cable Route Surveys	

<b>s Al</b> r							DAILY REPORT
Vessel: Client: Location: Project:		M/V William M. US Wind Indian River Bay Export Cable Route	Surveys	т	Project No odays Date Report No Start Date	1783 22 September 2017 3 20 September 2017	
	All times are	EST		(GMT -	4:00	hrs)	
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C2.	Additional Pers	sonnel	,				
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C3.	Client Personn	el:	•				
Client Rep.	Payson Whitney						
	Personnel On E	Deerd					
C4. ALPINE:	2	CLIENT:	1	VESSEL:		OTHERS:	TOTAL 3
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C7. C7. C7. C7. C7. C7. C7. C7. C7. C7.	Additional Equi Project Variatio Off Ve DIARY OF EVE To 6:30 12:00 17:30	NTS TODAY: hrs 0:30 5:30 5:30	Code M M O	Personnel: Equipment: Transit to vessel. Conducting survey Recon survey oper	checks and ations		ssel
C7. C7. C7. C7. rsonnel: uipment: DD. From 6:00 6:30 12:00	Additional Equi Project Variatio Off Ve DIARY OF EVE To 6:30 12:00 17:30	NTS TODAY: hrs 0:30 5:30 5:30	Code M M O	Personnel: Equipment: Transit to vessel. Conducting survey Recon survey oper	checks and ations		ssel
C7. C7. C7. C7. rsonnel: uipment: DD. From 6:00 6:30 12:00	Additional Equi Project Variatio Off Ve DIARY OF EVE To 6:30 12:00 17:30	NTS TODAY: hrs 0:30 5:30 5:30	Code M M O	Personnel: Equipment: Transit to vessel. Conducting survey Recon survey oper	checks and ations		ssel

EE.	PROJECT DATA	A:						
E1.	Time Summary:	:						
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			24:00	6:00	30:00		83.33
Transit	т							
Calibrations								
Operational					6:00	6:00		16.67
Weather Standby								
Standby on Client								
Vessel Downtime								
Port Standby								
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO		TOTAL	24:00	12:00	20:00		400.00%
Hro. of I	Daily Operations		TOTAL			36:00 Check Value=	20.00	100.00%
	Daily Operations			Cumu	ative nours	Check value=	36.00	
	Survey Progres		•	<b>T</b> (1)/	K D	<b></b>	K T D (	
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Recon		5.20		25.00		19.80	19.80	79.20%
Standby (Processing Day	ys)	3.00		3.00				
Cable Route Survey		84.00		84.00				
Mobilization & Calibration				1.00	0.85	0.15	1.00	100.00%
	TOTALS:		TOTAL	113.00	0.85	19.95	20.80	18.41%
FF.	<b>SAFETY</b> (Details	s & Figures for Vesse	el and Survey	Crews and Clien	t Representat	ives)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
					Events	roddy'o Evonio	Evolue 10 Balo	
			-	ct & HSE Briefings	1		1	
		Ship	s Drill, MOB, Fir	e & Abandon Ship		1	1	
			١	Vessel guided tour				
		Μ	ledical Treatmen	nt / First Aid Cases				
			٦	Tool Box Meetings	1	1	2	
				Incident Reports				
			1	Near Miss Reports				
			Savety Observ	vation Card (SOB)				
				Observation Card				
				-				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	60:00	36:00	96:00	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	iel (T)	Lube	e Oil (L)	l l l l l l l l l l l l l l l l l l l	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:					
NE winds 5 to 10 kt.								
II.	ANTICIPATED P	PROGRAM NEXT 24	HRS:					
Continue Recon surve	y							
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	ESS	
						_		
	ansel							
6	11	3						
	G. Matt Slusher						Payson Whi	tnev
(9	Survey Party Chie						(Client Represe	
Vessel:								
	W/V W	/illiam M.	Project No:	178	3	Date [.]	22 Sei	otember 2017
Client:		/illiam M. Wind	Project No: Location:	178 Indian Riv		Date: Report No.	22 Sej	otember 2017 003

<b>¢A</b> lp	DINE A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location: Project:		M/V William M. US Wind Indian River Bay Export Cable Route	Surveys	Т	Project No odays Date Report No Start Date	:	1783 23 September 2017 4 20 September 2017
	All times are	ES7		(GMT -		hrs)	
	All times are	207		(01017 -	4.00	1113)	
AA.		TION AT 24:00 HRS		000 001 40 47		1 2 1	75% 0.41 00 04
Description:	Indian River Mari	ina	Latitude:	38° 36' 46.47		Longitude:	75° 04' 26.01
BB.	WEATHER:						
Time	BAROM	WIN		WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00		Colm	NI\ <i>A</i> /		<u>.</u>	Class	
08:00 16:00		Calm 5-10	NW N	0 <1	3+ 3+	Clear Clear	
24:00		5-10	IN IN		57	Uicdi	
	·	·	•	· · · · · · · · · · · · · · · · · · ·			
CC.	PERSONNEL &						
C1. Party Chief:	Alpine OSS Per G. Matt Slusher	rsonnel:	Surveyor				
	Dennis Wilson		Analog Eng				
Surveyor			Analog Eng.				
C2.	Additional Pers	sonnel					
	Client Deve enn	al.					
C3.	Client Personn Payson Whitney	ei:					
Client Rep.	Payson whithey						
C4.	Personnel On E	Board:					
ALPINE:	2	CLIENT	: 1	VESSEL:		OTHERS:	TOTAL 3
C5.	ALPINE'S Equi						1
planix POSMV getech 6205		Sontek Castaway CTD				-	
mble Nav Beacon DG		QPS QINSy					
	PS						
	PS						
	Additional Equ	ipment					
uicom VRS RTK	Additional Equ	ons (include notice	s of changes	of personnel / ed	quipment)	On Ve	ssel
uicom VRS RTK C6. C7.	Additional Equ	ons (include notice	s of changes	of personnel / ed Personnel:	quipment)	On Ve	ssel
C7.	Additional Equ Project Variatio Off Ve	ons (include notice	s of changes	Personnel:	quipment)	On Ve	ssel
C7.	Additional Equ Project Variatio Off Ve	ons (include notice	s of changes		quipment)	On Ve	ssel
C7.	Additional Equ Project Variatio Off Ve	ons (include notice	s of changes	Personnel:	quipment)	On Ve	ssel
C7.	Additional Equ Project Variatio Off Ve	ons (include notice essel	s of changes	Personnel:	quipment)	On Ve	ssel
Cf. C7. C7. Pronnel:	Additional Equ Project Variatic Off Ve Payson Whitney	ons (include notice essel	s of changes	Personnel: Equipment:		On Ve	ssel
uicom VRS RTK C6. C7. ersonnel: juipment: DD.	Additional Equ Project Variatio Off Ve Payson Whitney DIARY OF EVE To 6:30	ons (include notice essel NTS TODAY: hrs 0:30	Code	Personnel: Equipment: Crew transit to ves	sel		ssel
C7. C7. C7. ersonnel: uipment: DD. From 6:00 6:30	Additional Equ Project Variatio Off Ve Payson Whitney DIARY OF EVE To 6:30 7:30	NTS TODAY: hrs 0:30 1:00	Code O O	Personnel: Equipment: Crew transit to ves Equipment checks	sel , and survey (		ssel
UICOM VRS RTK C6. C7. C7. ersonnel: uipment: DD. From 6:00 6:30 7:30	Additional Equ Project Variatio Off Ve Payson Whitney DIARY OF EVE To 6:30 7:30 15:00	NTS TODAY: hrs 0:30 1:00 7:30	Code O O O	Personnel: Equipment: Crew transit to ves Equipment checks Recon Survey ope	sel , and survey   rations	preperations	ssel
C7. C7. C7. C7. C7. C7. C7. C7. C7. C7.	Additional Equ Project Variatio Off Ve Payson Whitney DIARY OF EVE To 6:30 7:30 15:00 15:45	NTS TODAY: hrs 0:30 1:00 7:30 0:45	Code O O O O	Personnel: Equipment: Crew transit to ves Equipment checks Recon Survey ope Back-up data and	sel , and survey   rations secure survey	preperations / vessel	ssel
UICOM VRS RTK C6. C7. C7. ersonnel: uipment: DD. From 6:00 6:30 7:30	Additional Equ Project Variatio Off Ve Payson Whitney DIARY OF EVE To 6:30 7:30 15:00	NTS TODAY: hrs 0:30 1:00 7:30	Code O O O	Personnel: Equipment: Crew transit to ves Equipment checks Recon Survey ope	sel , and survey   rations secure survey	preperations / vessel	ssel
UICOM VRS RTK C6. C7. C7. Pronnel: UIDD. From 6:00 6:30 7:30 15:00	Additional Equ Project Variatio Off Ve Payson Whitney DIARY OF EVE To 6:30 7:30 15:00 15:45	NTS TODAY: hrs 0:30 1:00 7:30 0:45	Code O O O O	Personnel: Equipment: Crew transit to ves Equipment checks Recon Survey ope Back-up data and	sel , and survey   rations secure survey	preperations / vessel	ssel
tuicom VRS RTK C6. C7. ersonnel: quipment: DD. From 6:00 6:30 7:30 15:00	Additional Equ Project Variatio Off Ve Payson Whitney DIARY OF EVE To 6:30 7:30 15:00 15:45	NTS TODAY: hrs 0:30 1:00 7:30 0:45	Code O O O O	Personnel: Equipment: Crew transit to ves Equipment checks Recon Survey ope Back-up data and	sel , and survey   rations secure survey	preperations / vessel	ssel
tuicom VRS RTK C6. C7. ersonnel: quipment: DD. From 6:00 6:30 7:30 15:00	Additional Equ Project Variatio Off Ve Payson Whitney DIARY OF EVE To 6:30 7:30 15:00 15:45	NTS TODAY: hrs 0:30 1:00 7:30 0:45	Code O O O O	Personnel: Equipment: Crew transit to ves Equipment checks Recon Survey ope Back-up data and	sel , and survey   rations secure survey	preperations / vessel	ssel
tuicom VRS RTK C6. C7. ersonnel: quipment: DD. From 6:00 6:30 7:30 15:00	Additional Equ Project Variatio Off Ve Payson Whitney DIARY OF EVE To 6:30 7:30 15:00 15:45	NTS TODAY: hrs 0:30 1:00 7:30 0:45	Code O O O O	Personnel: Equipment: Crew transit to ves Equipment checks Recon Survey ope Back-up data and	sel , and survey   rations secure survey	preperations / vessel	ssel
UICOM VRS RTK C6. C7. C7. ersonnel: Juipment: DD. From 6:00 6:30 7:30 15:00	Additional Equ Project Variatio Off Ve Payson Whitney DIARY OF EVE To 6:30 7:30 15:00 15:45	NTS TODAY: hrs 0:30 1:00 7:30 0:45	Code O O O O	Personnel: Equipment: Crew transit to ves Equipment checks Recon Survey ope Back-up data and	sel , and survey   rations secure survey	preperations / vessel	ssel
UICOM VRS RTK C6. C7. C7. ersonnel: Juipment: DD. From 6:00 6:30 7:30 15:00	Additional Equ Project Variatio Off Ve Payson Whitney DIARY OF EVE To 6:30 7:30 15:00 15:45	NTS TODAY: hrs 0:30 1:00 7:30 0:45	Code O O O O	Personnel: Equipment: Crew transit to ves Equipment checks Recon Survey ope Back-up data and	sel , and survey   rations secure survey	preperations / vessel	ssel

EE.	PROJECT DATA	A:						
E1.	Time Summary	:						
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			30:00		30:00		62.50
Transit	т							
Calibrations	С							
Operational	0			6:00	12:00	18:00		37.50
Weather Standby	W							
Standby on Client	S							
Vessel Downtime								
Port Standby								
Survey Downtime								
Maintenance time	MT							
Disputed Time								
MMO Shutdown	ММО							
			TOTAL	36:00	12:00	48:00		100.00%
Hrs. of I	Daily Operations	12				Check Value=	48.00	
	Survey Progres						10100	
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Recon		-15.50	71100	25.00	19.80	20.70	40.50	162.00%
Standby (Processing Day	vs)	3.00		3.00	10.00	20.70	40.00	102.0070
Cable Route Survey	, - ,	84.00		84.00				
Mobilization & Calibration	ns (Lumn Sum)	04.00		1.00	1.00		1.00	100.00%
	TOTALS:	71.50	TOTAL	113.00	20.80	20.70	41.50	36.73%
FF.		s & Figures for Vesse					41.50	30.7376
		s & figures for vesse		crews and chem		1763)		
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Proiec	t & HSE Briefings			1	
		Ship		e & Abandon Ship			1	
		Cinp		Vessel guided tour	·			
		Μ		t / First Aid Cases				
				Tool Box Meetings		1	3	
				Incident Reports			5	
				Near Miss Reports				
				vation Card (SOB)				
			Savely Observ					
				Observation Card				
	No of su	rvey Man-Hours work	red since start	of project or LTL	96:00	36:00	132:00	
GG.	VESSEL ROB's				30.00	50.00	132.00	
	VEGGEE ROD 3	at 24.001113	Fu	iel (T)	Lub	e Oil (L)	1	Water (T)
					200	0 0 (2)		
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:					
NE winds around 5 kt.								
١١.	ANTICIPATED P	PROGRAM NEXT 24	HRS:					
Recon Survey MBES								
		COMMENTS: (Opt	ional)					
		· ·	•					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
			. ,					
	For ALPINE					For	US Wind	
	11							
0	(MS&)							
1								
	G. Matt Slusher					<b> </b>	Payson Whi	tnev
(9	Survey Party Chie	f)					(Client Represe	-
Vessel:		/illiam M.	Project No:	178	3	Date:		otember 2017
Client:		Wind	Location:	Indian Ri		Report No.		004
Chorit.				US Wind Expo				

<b>\$A</b> lk							DAILY REPORT
Vessel: Client: Location:		M/V William M. US Wind Indian River Bay xport Cable Route	Survovo	т	Project No odays Date Report No Start Date	e: ):	1783 24 September 2017 5 20 September 2017
Project:		EST		(ONT			
	All times are	231		(GMT -	4:00	hrs)	
		FION AT 24:00 HRS					
Description:	Indian River Marii	าล	Latitude:	38° 36' 46.47		Longitude:	75° 04' 26.01
BB.	WEATHER:						
Time	BAROM	WINI	1	WAVE	VISIB.	SKY	REMARKS
(Local) 00:00	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	
00:00		n/a	n/a	n/a	n/a	clear	
16:00		n/a	n/a	n/a	n/a	clear	
24:00							
	DEDGONNEL	FOURNENT					
CC. C1.	PERSONNEL & Alpine OSS Per						
	G. Matt Slusher		Surveyor	:			
-	Dennis Wilson		Analog Eng.				
Surveyor:			Analog Eng.				
C2.	Additional Pers	onnel					
C3. Client Rep.	Client Personne	əl:					
Olichi Kop.							
C4.	Personnel On B	oard:	-				
ALPINE:	2	CLIENT		VESSEL:		OTHERS:	TOTAL 2
C5.	ALPINE'S Equip	oment:					
planix POSMV		Sontek Castaway CTD					
getech 6205		QPS QINSy					
nble Nav Beacon DG	PS						
uicom VRS RTK							
C6.	Additional Equi	pment					
67	Project Variatio	ns (include notice	s of changes	of personnel / co	winment)		
C7.	Project Variatio	ns (include notice	s of changes	of personnel / ec	uipment)	On Ve	ssel
	-		s of changes	of personnel / ec Personnel:	uipment)	On Ve	ssel
	-		s of changes	Personnel:	juipment)	On Ve:	ssel
rsonnel:	-		s of changes		uipment)	On Ve	ssel
rsonnel: uipment:	Off Ve:	ssel	s of changes	Personnel:	uipment)	On Ve	ssel
rsonnel: uipment: DD.	Off Ve	SSEI		Personnel:	uipment)	On Ve:	ssel
rsonnel: uipment:	Off Ve:	ssel	s of changes	Personnel:		On Ves	ssel
ersonnel: uipment: DD. From	Off Ves DIARY OF EVEN To	NTS TODAY:	Code	Personnel: Equipment:		On Ve	ssel
ersonnel: uipment: DD. From	Off Ves DIARY OF EVEN To	NTS TODAY:	Code	Personnel: Equipment:		On Ve	ssel
ersonnel: uipment: DD. From	Off Ves DIARY OF EVEN To	NTS TODAY:	Code	Personnel: Equipment:		On Ves	ssel
rsonnel: uipment: DD. From	Off Ves DIARY OF EVEN To	NTS TODAY:	Code	Personnel: Equipment:		On Ves	ssel
ersonnel: uipment: DD. From	Off Ves DIARY OF EVEN To	NTS TODAY:	Code	Personnel: Equipment:		On Ve	ssel
ersonnel: juipment: DD. From	Off Ves DIARY OF EVEN To	NTS TODAY:	Code	Personnel: Equipment:		On Ve	ssel
ersonnel: quipment: DD. From	Off Ves DIARY OF EVEN To	NTS TODAY:	Code	Personnel: Equipment:		On Ve	ssel
ersonnel: quipment: DD. From	Off Ves DIARY OF EVEN To	NTS TODAY:	Code	Personnel: Equipment:		On Ves	ssel
ersonnel: juipment: DD. From	Off Ves DIARY OF EVEN To	NTS TODAY:	Code	Personnel: Equipment:		On Ves	ssel
ersonnel: uipment: DD. From	Off Ves DIARY OF EVEN To	NTS TODAY:	Code	Personnel: Equipment:		On Ve	ssel

EE.	EE. PROJECT DATA:										
E1.	Time Summary	:									
				Previous	Today	Total					
Rate	Code			Hours	Hours	Hours		Percent of Total			
Mobilization	М			30:00		30:00		50.00			
Transit	т										
Calibrations	С										
Operational	0			18:00		18:00		30.00			
Weather Standby	W										
Standby on Client	S				12:00	12:00		20.00			
Vessel Downtime											
Port Standby											
Survey Downtime											
Maintenance time											
Disputed Time											
MMO Shutdown	ммо										
			TOTAL	48:00	12:00	60:00		100.00%			
Hrs of I	Daily Operations	12	TOTAL			Check Value=	60.00	100.0070			
	Survey Progres			Guilla		oneck value=	00.00				
	Survey Progres		Aree	Total Km	Km Brov	Today Km	Km To Data	% Completed			
Description Recon		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed			
		-15.50		25.00	40.50	4.00	40.50	162.00%			
Standby (Processing Day	ysj	2.00		3.00		1.00	1.00	33.33%			
Cable Route Survey	"	84.00		84.00							
Mobilization & Calibration				1.00	1.00		1.00	100.00%			
	TOTALS:	70.50	TOTAL	113.00	41.50	1.00	42.50	37.61%			
FF.	SAFETY (Details	& Figures for Vess	el and Survey	Crews and Clien	t Representat	tives)					
				Incidents & Drills	Previous	Today's Events	Events To Date				
					Events	10000 0 210110	210110 10 2010				
				ct & HSE Briefings	1		1				
		Ship	s Drill, MOB, Fir	e & Abandon Ship	1		1				
			N N	Vessel guided tour							
		N	ledical Treatmen	nt / First Aid Cases							
			-	Tool Box Meetings	3	1	4				
				Incident Reports							
			1	Near Miss Reports							
			Savety Observ	vation Card (SOB)							
				Observation Card							
				-							
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	132:00	24:00	156:00				
GG.	VESSEL ROB's	at 24:00hrs									
			Fu	iel (T)	Lub	e Oil (L)	l l	Water (T)			
		ROB at 00:00 hrs									
		Consumed Today									
		Received today	L								
		ROB at 24:00 hrs									
HH.	EXPECTED WE	ATHER NEXT 24 H	RS.								
E winds 5 to 10 kt											
	ANTICIPATED F	ROGRAM NEXT 24	1 HRS								
		l equipment installation									
		COMMENTS: (Opt									
			lionaly								
KK.	DEDDECENTAT	IVE'S COMMENTS:	(Ontional)								
<u>кк.</u>	REFREGENTAT	IVE 5 COMMENTS:	(Optional)								
						_					
	For ALPINE					For	US Wind				
	Andas										
0	mset										
						<b>.</b>					
	G. Matt Slusher										
(5	Survey Party Chie						(Client Represe				
Vessel:		/illiam M.	Project No:	178		Date:	24 Sej	otember 2017			
Client:	US	Wind	Location:	Indian Riv		Report No.		005			
I			Project:	US Wind Expo	rt Cable Rou	te Surveys					

<b>\$</b> Alr							DAILY REPORT
Vessel: Client: Location: Project:		M/V William M. US Wind Indian River Bay xport Cable Route	Surveys	т	Project No odays Date Report No Start Date	e: ):	1783 25 September 2017 6 20 September 2017
	All times are	EST		(GMT -	4:00	hrs)	
AA.	VESSELLOCAT	TION AT 24:00 HRS	•				
	Indian River Marin			38° 36' 46.47		Longitude:	75° 04' 26.01
BB.	WEATHER:	WIND	<b>\</b>		VIOID	OK/	
Time (Local)	BAROM mb	Speed mph	Dir	WAVE HEIGHT m	VISIB. nmi	SKY CONDS	REMARKS
00:00	inb	opeed inpli	Dii			001120	
08:00		n/a	n/a	n/a	n/a	Cloudy	
16:00		n/a	n/a	n/a	n/a	Cloudy	
24:00							
CC.	PERSONNEL &						
CC. C1.	Alpine OSS Per						
	G. Matt Slusher		Surveyor:				
	Dennis Wilson		Analog Eng.				
Surveyor:	Mitchell Kennedy		Analog Eng.				
C2.	Additional Pers	onnel					
C3.	Client Personne						
Client Rep.	Chefit Fersonne	<b>71.</b>					
Client Rep.	1						
C4.	Personnel On B	loard:					
C4. ALPINE:	Personnel On B 3	<b>CLIENT</b> :		VESSEL:		OTHERS:	TOTAL 3
ALPINE:	3	CLIENT:		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5.		CLIENT:		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. Dlanix POSMV	3	CLIENT: oment: Sontek Castaway CTD		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. planix POSMV getech 6205	3 ALPINE'S Equip	CLIENT: Coment: Sontek Castaway CTD QPS QINSy		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG	3 ALPINE'S Equip	CLIENT: oment: Sontek Castaway CTD		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG	3 ALPINE'S Equip	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK	3 ALPINE'S Equip	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. Dlanix POSMV getech 6205 nble Nav Beacon DG uicom VRS RTK	3 ALPINE'S Equip	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. Dlanix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6.	3 ALPINE'S Equip PS Additional Equi	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment	etometer			OTHERS	TOTAL 3
ALPINE: C5. Danix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK	3 ALPINE'S Equip PS Additional Equi Project Variatio	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices	etometer		uipment)		
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7.	3 ALPINE'S Equip PS Additional Equi	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices	etometer	of personnel / ec	uipment)	On Ve	
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7.	3 ALPINE'S Equip PS Additional Equi Project Variatio	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices	etometer	of personnel / ec		On Ve	
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG iicom VRS RTK C6. C7. rsonnel:	3 ALPINE'S Equip PS Additional Equi Project Variatio	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices	etometer	of personnel / ec Personnel:		On Ve	
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel:	3 ALPINE'S Equip PS Additional Equi Project Variatio	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices	etometer	of personnel / ec Personnel:	Mitchell Ken Edgetech SI	On Ve	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: uipment:	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer	of personnel / ec Personnel:	Mitchell Ken Edgetech SI	On Ve nnedy B216 SBP	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD.	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer	of personnel / ec Personnel:	Mitchell Ken Edgetech SI	On Ve nnedy B216 SBP	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c Code	of personnel / ec Personnel: I Equipment: Geo	Nitchell Ken Edgetech SI metrics G-8	On Ve nnedy B216 SBP 82 Magnetometer	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD.	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c	of personnel / ec Personnel: I Equipment: Geo	Nitchell Ken Edgetech SI metrics G-8	On Ve nnedy B216 SBP	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c Code	of personnel / ec Personnel: I Equipment: Geo	Nitchell Ken Edgetech SI metrics G-8	On Ve nnedy B216 SBP 82 Magnetometer	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c Code	of personnel / ec Personnel: I Equipment: Geo	Nitchell Ken Edgetech SI metrics G-8	On Ve nnedy B216 SBP 82 Magnetometer	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c Code	of personnel / ec Personnel: I Equipment: Geo	Nitchell Ken Edgetech SI metrics G-8	On Ve nnedy B216 SBP 82 Magnetometer	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: uipment: DD. From	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c Code	of personnel / ec Personnel: I Equipment: Geo	Nitchell Ken Edgetech SI metrics G-8	On Ve nnedy B216 SBP 82 Magnetometer	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: juipment: DD. From	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c Code	of personnel / ec Personnel: I Equipment: Geo	Nitchell Ken Edgetech SI metrics G-8	On Ve nnedy B216 SBP 82 Magnetometer	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: juipment: DD. From	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c Code	of personnel / ec Personnel: I Equipment: Geo	Nitchell Ken Edgetech SI metrics G-8	On Ve nnedy B216 SBP 82 Magnetometer	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: juipment: DD. From	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c Code	of personnel / ec Personnel: I Equipment: Geo	Nitchell Ken Edgetech SI metrics G-8	On Ve nnedy B216 SBP 82 Magnetometer	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: uipment: DD. From	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c Code	of personnel / ec Personnel: I Equipment: Geo	Nitchell Ken Edgetech SI metrics G-8	On Ve nnedy B216 SBP 82 Magnetometer	ssel
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c Code	of personnel / ec Personnel: I Equipment: Geo	Nitchell Ken Edgetech SI metrics G-8	On Ve nnedy B216 SBP 82 Magnetometer	ssel

EE.	PROJECT DATA	A:						
E1.	Time Summary	:						
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			30:00		30:00		41.67
Transit	т							
Calibrations	С							
Operational	0			18:00		18:00		25.00
Weather Standby	W							
Standby on Client	S			12:00	12:00	24:00		33.33
Vessel Downtime								
Port Standby								
Survey Downtime								
Maintenance time	MT							
Disputed Time								
MMO Shutdown	ММО							
			TOTAL	60:00	12:00	72:00		100.00%
Hrs of [	Daily Operations	12	101/12			Check Value=	72.00	100.0070
	Survey Progres			Guina	ative nours	oneck value=	72.00	
	ourvey i rogres	S. Km Left	Area	Total Km	Km Brov	Today Km	Km To Data	% Completed
Description Recon			Area	Total Km	Km Prev	Today Km	Km To Date	% Completed 162.00%
		-15.50		25.00	40.50	4.00	40.50	
Standby (Processing Day	ys)	1.00		3.00	1.00	1.00	2.00	66.67%
Cable Route Survey		84.00		84.00				,
Mobilization & Calibration				1.00	1.00		1.00	100.00%
	TOTALS:	69.50	TOTAL	113.00	42.50	1.00	43.50	38.50%
FF.	SAFETY (Details	& Figures for Vesse	el and Survey	Crews and Clier	t Representat	ives)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
					Events	roddy o Evolitio	Evolue 10 Balo	
			-	t & HSE Briefings			1	
		Ship	s Drill, MOB, Fir	e & Abandon Ship	1		1	
			N N	Vessel guided tour				
		N	ledical Treatmen	t / First Aid Cases				
			٦	Fool Box Meetings	4	1	5	
				Incident Reports				
			1	Near Miss Reports				
			Savety Observ	vation Card (SOB)				
				Observation Card		1	1	
				-				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	156:00	36:00	192:00	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	el (T)	Lube	e Oil (L)	١	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:					
NE winds 15 to 20 kt w	ith gusts up to 25 k	t.						
П.	ANTICIPATED F	ROGRAM NEXT 24	HRS:					
Continue data procress	sing and Geophysic	al setup						
· · · ·		COMMENTS: (Opt	ional)					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Ontional)					
100			(0)					
	For ALPINE					For	US Wind	
	FOI ALPINE					FUI		
	Parlos							
4	124	- 3						
<u> </u>	0 M-# 0'							
	G. Matt Slusher	0						
	Survey Party Chie		<b>D</b>	1	•		(Client Represe	
Vessel:		/illiam M.	Project No:	178 In dian Di		Date:	25 Sej	otember 2017
Client:	05	Wind	Location:	Indian Ri	ver Bay rt Cable Rou	Report No.		006

<b>\$</b> Alr	Dine A GARDLINE COMPANY						DAILY REP	ORT
Vessel: Client: Location:		M/V William M. US Wind Indian River Bay		Т	Project No odays Date Report No		1783 26 September 7	2017
Project:		xport Cable Route	Surveys		Start Date		20 September	[.] 2017
	All times are	EST		(GMT -	4:00	hrs)		
AA.		TION AT 24:00 HRS						
Description:	Indian River Mari	na	Latitude:	: 38° 36' 46.47 Longitude:			: 75° 04' 26.01	
BB.	WEATHER:							
Time	BAROM	WIND		WAVE	VISIB.	SKY	R	EMARKS
(Local)	mb	Speed kts	Dir	HEIGHT m	nmi	CONDS		
00:00						-		
08:00		10-15	NE	<1	2+	Overcast		
16:00 24:00		15-20	NE	<1	2+	Overcast		
24:00	1						I	
CC.	PERSONNEL &	EQUIPMENT:						
C1.	Alpine OSS Per	sonnel:						
Party Chief:	G. Matt Slusher		Surveyor:					
	Dennis Wilson		Analog Eng.					
	Mitchell Kennedy		Analog Eng.					
C2.	Additional Pers	onnel						
	Client Deve en m	1.						
C3.	Client Personne	91:						
Client Rep.								
C4	Personnel On B	loard:	L					
C4. Alpine:	Personnel On B			VESSEL		OTHERS:		TOTAL 3
C4. Alpine:	Personnel On B 3	cLIENT:		VESSEL:		OTHERS:		TOTAL 3
-		CLIENT:		VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5.	3	CLIENT:		VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. planix POSMV getech 6205	3 ALPINE'S Equip	CLIENT: oment: Sontek Castaway CTD QPS QINSy		VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG	3 ALPINE'S Equip	CLIENT: Dement: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP		VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK	3 ALPINE'S Equip	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn		VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. planix POSMV lgetech 6205 mble Nav Beacon DG	3 ALPINE'S Equip	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn		VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. planix POSMV igetech 6205 mble Nav Beacon DG uicom VRS RTK	3 ALPINE'S Equip	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn		VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK	3 ALPINE'S Equip	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn		VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6.	3 ALPINE'S Equip PS Additional Equi	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment	etometer		ujpment)	OTHERS:		TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK	3 ALPINE'S Equip PS Additional Equi	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices	etometer		quipment)	OTHERS:		TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7.	3 ALPINE'S Equip PS Additional Equi Project Variatio	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices	etometer		quipment)			TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7.	3 ALPINE'S Equip PS Additional Equi Project Variatio	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices	etometer	of personnel / ec	quipment)			TOTAL 3
ALPINE: C5. planix POSMV lgetech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel:	3 ALPINE'S Equip PS Additional Equi Project Variatio	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices	etometer s of changes c	of personnel / ec	quipment)			TOTAL 3
ALPINE: C5. planix POSMV lgetech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel:	3 ALPINE'S Equip PS Additional Equi Project Variatio	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices	etometer s of changes c	of personnel / ec Personnel:	quipment)			TOTAL 3
ALPINE: C5. planix POSMV igetech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: guipment:	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ve:	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c	of personnel / ec Personnel:	quipment)			TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: uipment:	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ver DIARY OF EVER	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer	of personnel / ec Personnel:	quipment)			TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes c Code	of personnel / ec Personnel: Equipment:		On Ve	ssel	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN To 15:00	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes of Code S	of personnel / ec Personnel: Equipment: Recon data proces	sing. Installa	On Ve	ssel	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG icom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 15:00	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ver DIARY OF EVEN To 15:00 17:30	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel VTS TODAY: hrs 9:00 2:30	etometer s of changes of Code S S	Df personnel / ec Personnel: Equipment: Recon data proces Collect Geophysica	sing. Installat	On Ve	ssel	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ves DIARY OF EVEN To 15:00	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel	etometer s of changes of Code S S	of personnel / ec Personnel: Equipment: Recon data proces	sing. Installat	On Ve	ssel	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 15:00	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ver DIARY OF EVEN To 15:00 17:30	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel VTS TODAY: hrs 9:00 2:30	etometer s of changes of Code S S	Df personnel / ec Personnel: Equipment: Recon data proces Collect Geophysica	sing. Installat	On Ve	ssel	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: juipment: DD. From 6:00 15:00	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ver DIARY OF EVEN To 15:00 17:30	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel VTS TODAY: hrs 9:00 2:30	etometer s of changes of Code S S	Df personnel / ec Personnel: Equipment: Recon data proces Collect Geophysica	sing. Installat	On Ve	ssel	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: juipment: DD. From 6:00 15:00	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ver DIARY OF EVEN To 15:00 17:30	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel VTS TODAY: hrs 9:00 2:30	etometer s of changes of Code S S	Df personnel / ec Personnel: Equipment: Recon data proces Collect Geophysica	sing. Installat	On Ve	ssel	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: juipment: DD. From 6:00 15:00	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ver DIARY OF EVEN To 15:00 17:30	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel VTS TODAY: hrs 9:00 2:30	etometer s of changes of Code S S	Df personnel / ec Personnel: Equipment: Recon data proces Collect Geophysica	sing. Installat	On Ve	ssel	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: juipment: DD. From 6:00 15:00	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ver DIARY OF EVEN To 15:00 17:30	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel VTS TODAY: hrs 9:00 2:30	etometer s of changes of Code S S	Df personnel / ec Personnel: Equipment: Recon data proces Collect Geophysica	sing. Installat	On Ve	ssel	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: juipment: DD. From 6:00 15:00	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ver DIARY OF EVEN To 15:00 17:30	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel VTS TODAY: hrs 9:00 2:30	etometer s of changes of Code S S	Df personnel / ec Personnel: Equipment: Recon data proces Collect Geophysica	sing. Installat	On Ve	ssel	TOTAL 3
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 15:00	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ver DIARY OF EVEN To 15:00 17:30	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel VTS TODAY: hrs 9:00 2:30	etometer s of changes of Code S S	Df personnel / ec Personnel: Equipment: Recon data proces Collect Geophysica	sing. Installat	On Ve	ssel	
ALPINE: C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 15:00	3 ALPINE'S Equip PS Additional Equi Project Variatio Off Ver DIARY OF EVEN To 15:00 17:30	CLIENT: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn pment ns (include notices ssel VTS TODAY: hrs 9:00 2:30	etometer s of changes of Code S S	Df personnel / ec Personnel: Equipment: Recon data proces Collect Geophysica	sing. Installat	On Ve	ssel	

Bit         Time Summary:         Provide Trady         Total         Provide Trady           Rile         Code         Hours         Hours<	EE.	PROJECT DATA	A:						
Hear         Cook         Hear         Hear <t< td=""><td>E1.</td><td>Time Summary</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	E1.	Time Summary							
Monitation Transal Oblights/ Oblights/ Oblights/ Comparison Description Comparison Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Description Descript					Previous	Today	Total		
Tanal         T         15:00         16:00         16:00         21:40           Wath V5 Savdy         V         24:00         12:00         36:00         42:86           Wath V5 Savdy         V         24:00         12:00         36:00         42:86           Wath V5 Savdy         Period Savdy	Rate	Code			Hours	Hours	Hours		Percent of Total
Calepatine Operational Water Strindty Water Strindty Water Strindty Office Stringty Dentine Stringty D	Mobilization	М			30:00		30:00		35.71
Operation         O         18:00         18:00         21:4.3           Standby on Cleft         S         24:00         12:00         36:00         42:86           Vester Downstramby         PS         Summy Downstramby         PS         36:00         42:86           Summy Downstramby         PS         Summy Downstramby         PS         1000.00%         42:86           Ministraines energy         Dir         Dir         TOTAL         72:20         12:00         86:00         42:36           Ministraines energy         Dir         Dir         Total Kin         Kin Prov         Total Kin         Kin Prov         Total Kin         No.0         1000.00%           #5::::::::::::::::::::::::::::::::::::	Transit	Т							
Weaking Slandy of Value         24:00         12:00         36:00         42:86           Vessed Downing VD         Por Slavely Operating VD         Por Slavely Operating VD         12:00         36:00         42:86           Survey Operating VD         Por Slavely Operating VD         TOTAL         72:00         12:00         84:00         100:00%           Mitor Shutebox MMO         MO         TOTAL         72:00         12:00         84:00         100:00%           Mitor Shutebox MMO         MO         TOTAL         72:00         12:00         84:00         100:00%           Mitor Shutebox MMO         MO         TOTAL         72:00         12:00         84:00         100:00%           Mitor Shutebox MMO         11:50         30:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00 <td>Calibrations</td> <td>С</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Calibrations	С							
Standay on Claim         S         24:00         12:00         36:00         42:86           Vessel Downing         V0	Operational	0			18:00		18:00		21.43
Versite         Vol         Pot Starting         Vol         Pot Starting Powering         Sole         Model           Storey Downing         50         Model         12.00         16.00         1000000000000000000000000000000000000	Weather Standby	W							
Prior Samstry         P6 Survey Counter Minimage Internet Dipublic Minimage Internet Dipublic Minimage Internet Dipublic Minimage Internet Dipublic Minimage Internet Minimage Int	Standby on Client	S			24:00	12:00	36:00		42.86
Survey Downlam         SD Mathance into Mathance into MAD Shudom         TOTAL         7.200         12.00         8.450         100.00%           MMO Shudom         MMO         TOTAL         7.200         12.00         8.450         100.00%           EX         Survey Progress:         Cumulative Nors Check Value         84.00         84.00         84.00           EX         Survey Progress:         Cumulative Nors Check Value         84.00         30.00         10.00         30.00         100.00%           Strengthorthy Incosting Check         45.00         25.00         40.50         10.00         30.00         100.00%           Strengthorthy Incosting Check         45.00         25.00         10.00         30.00         100.00%           Cale Roads Strengthorthy Incosting Check         45.00         25.00         10.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00         30.00<	Vessel Downtime	VD							
Match and the matrix MO         MT         TOTAL         72:01         12:00         84:00         1000.00%           Hts. of Dayl, Constitutions         12         Cummulative Hours Check Values         84.00         1000.00%           E2         Survey Progress:         Cummulative Hours Check Values         84.00         1000.00%           E3         Survey Progress:         Cummulative Hours Check Values         84.00         40.50         1052.00%           Bandsmann & Chanker Survey         1-55.0         25.00         40.50         1000.00%         1000.00%           Bandsmann & Chanker Survey         1-55.0         25.00         40.50         1000.00%         1000.00%           Bandsmann & Chanker Survey         66.60         TOTAL         11.00         1.00         1.00         1000.00%           Extensionery         10.00         1.00         1.00         1.00         1.00         1.00         100.00%           FF.         SAFETY (Declark & Extensioner and Chence Reports Internet Net Net Net Net Net Net Net Net Net N	Port Standby	PS							
Depend Time         DT         TOTAL         72.00         15.00         84:00           Hess of Daily Operations         Km Left         Area         Total Km         Km Prev         Totaly Km         Km No         100.00%           E2.         Survey Progress:         Cumulative Hours Check Values         84:00         84:00         46:50         46:00         46:50         46:00         46:50         16:20.0%         84:00         16:20.0%         46:00         10:00.0%         46:00         10:00.0%         46:00         10:00.0%         46:00         10:00.0%         46:00         10:00.0%         46:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         46:00         10:00         46:00         10:00         46:00         10:00         46:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00         10:00	Survey Downtime	SD							
MMO         MMO         TOTAL         72:00         12:00         64:00         MO0           Hrs. of Dayl, Qenerations 12         Cumulative Hours Check Values         84,00         84:00         84:00           E2.         Survey Progress:         Cumulative Hours Check Values         84,00         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40:80         40	Maintenance time	MT							
TOTAL         72:00         12:00         12:00         12:00         12:00         100.00%           E2         Survey Progress:         Cumulative Hours Check Value         84.00         100.00%           Becration         Km.Left         Area         Total Km         Km Pay         Today Km         Km To Date         % Completed           Room         15:50         25:00         40:50         10:0         3:00         100.00%           Bandary (Processing Days)         64:00         3:00         1:00         1:00         3:00         100.00%           Mode Sorrey         64:00         1:00         1:00         1:00         1:00.00%         100.00%           Mode Sorrey         64:00         1:00         1:00         1:00.00%         100.00%         100.00%           Mode Sorrey         64:00         1:00         1:00         1:00.00%         100.00%         100.00%         100.00%           Mode Sorrey         Sing Digit MR, MOR, Fire & Alsondro Ship         1         1         1         2         100.00%           Mode Sorrey         Sing Digit MRD, Fire & Alsondro Ship         1         1         1         2         208.00         1         1         1         2         208.00 <td>Disputed Time</td> <td>DT</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Disputed Time	DT							
Hrs. of Daly Operations:       12       Cumulative Hours Check Value=       84.00         E2,       Survey Progress:       Startey Progress:       Total Km       Km To Date       %: Completed         Room       15.80       25.00       40.90       1.00       40.90       120.00%         Baddy Processing Days)       -15.80       3.00       2.00       1.00       40.90       120.00%         Cale Notes Survey       84.00       1.00       1.00       1.00       1.00       100.00%         Cale Notes Survey       84.00       1.00       1.00       1.00       1.00       100.00%         Vester Survey       84.00       1.00       1.00       1.00       1.00       100.00%         Vester Survey       84.00       1.00       1.00       1.00       1.00       100.00%         Vester Survey       Same Survey       Reserve Survey       Vester Survey       1.00       1.00       1.00       100.00%         Vester Survey       Same Survey       Same Survey       Vester Survey       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       <	MMO Shutdown	MMO							
B2         Survey Progress:           Description         Km.Laft         Area         Tatal Km         Km.Prev         Today Km         Km.To Date         %: Correlated           Record         16.5.01         25.00         40.30         10.0         100.00%           Bandar (Processing Days)         84.00         300         2.00         1.00         1.00         100.00%           Model Re Rus Survey         B4.00         100         1.00         1.00         1.00         1.00         100.00%           Model Re Rus Survey         TOTAL         86.50         TOTAL         113.00         43.50         1.00         44.50         39.38%           FF.         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Incidents & Dim         Previous         Today's Events         Events To Date         Incident Representatives)           Vestation Carl Client Representatives         Incident Representatives         1         1         2         Streep Observation Carl Glient Representatives           Streep Observation Carl Glient Representation Carl Glient Representatives         Incident Representative				TOTAL					100.00%
Description         Kn Left         Area         Total (M         Kn Prive         Totaly Kn         Kn To Date         % Completed           Breach         16.50         26.00         40.50         140.00         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%         100.00%		, ,			Cumul	ative Hours	Check Value=	84.00	
Record         -15.50         25.00         40.50         -0.50         100.00%           Standary Movement Davis         B4.00         3.00         2.00         1.00         3.00         100.00%           Additionations (Lump Sum)         B4.00         1.00         1.00         1.00         1.00         100.00%           Maintantons (Lump Sum)         B4.00         1.00         1.00         1.00         100.00%           Maintantons (Lump Sum)         B4.00         TOTALS         68.00         TOTALS         1.00         1.00         100.00%           Maintantons (Lump Sum)         B4.00         TotALS         68.00         1.00         14.40         30.38%           FF         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Freviolatis         Totakys Evenis         Evenis         Totakys Evenis         Evenis         Totakys Evenis         Evenis         Totakys Evenis         Evenis         Totak         Sing Distaktions         Sing Distaktions         Sing Distaktions         Totak         Sing Distaktions         Sing Distaktion		Survey Progres							
Standary (Processing Day)         Ref         3.00         2.00         1.00         3.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1			Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Cale Reads         B4.00         B4.00         B4.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00			-15.50						
Modelization & Calibrations (Limp Sum)         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00 <th1.00< th=""> <th1.00< th=""> <th1.00< th=""></th1.00<></th1.00<></th1.00<>	Standby (Processing Day	ys)			3.00	2.00	1.00	3.00	100.00%
TOTALS         68.50         TOTAL         113.00         43.50         1.00         44.50         39.38%           FF.         SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Incidents & Drills         Project & New Second Stress         Events         Today's Events         Events To Date           Project & HSE Brefled Run         1         1         2         Vessel guiden Run         1         1         2           Wessel guiden Run         1         1         2         Vessel guiden Run         1         1         2           Wessel guiden Run         1         1         2         Vessel guiden Run         1         1         2           Wessel guiden Run         1         1         1         1         1         1           No. of survey Man-Hours worked since start of project or LTI.         192.00         36.00         228.00         228.00           GG.         VESSEL ROB's at 24.00 hrs         Fuel (T)         Lube Oil (L)         Water (T)           ROB at 00:00 hr         Events         Events         Events         1           HL         [EXPECTED PROGRAM NEXT 24 HRS:         Events         Events         Events           Boft cobs Tow Wing guides to Cocophrajots.         West	-		84.00		84.00				
FF.       SAFETY (Details & Figures for Vessel and Survey Crews and Client Representatives)         Incidents & Dills       Project & HSE Briefings       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	Mobilization & Calibration								
Incidents & Drills         Provide.t         Events         Today's Events         Events         Today's Events         Events         Today's Events         Events         Today's Events         Today's Events         Events         Today's Events         Events         Today's Events         Events         Today's Events         Today's Events         Events         Today's Events         Events         Today's Events         Events </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>44.50</td> <td>39.38%</td>								44.50	39.38%
Inclearing a Dring         Events         Today's Events         Events	FF.	SAFETY (Details	s & Figures for Vesse	el and Survey (	Crews and Client	Representat	ives)		
Events         Image: Constraint of the submitted of the submit were submitted of the submitt					Incidents & Drills		Today's Events	Events To Date	
Ships Drill, MOB, Fire & Abandon Ship Vessal guided use       1       1       2         Wessal guided use       1       1       2         Tool Box Meetings       5       1       6         Near Miss Reports       1       1       1         Savety Observation Card (SOB)       1       1       1         No. of survey Man-Hours worked since start of project or LTI       192:00       36:00       228:00         GG.       VESSEL ROB's at 24:00hrs									
Wessel guided tour     Image: Solution of the second				-	-				
Medical Treatment / Firs Aid Cases Tool Box Meetings     5     1     6       Tool Box Meetings     5     1     6       Near Miss Reports Savety Observation Card (SOB) Observation Card (SOB) Observation Card     1     1       No. of survey Man-Hours worked since start of project or LTI.     192:00     36:00     228:00       GG.     VESSEL ROB's at 24:00hrs			Ship		-	1	1	2	
Tool Box Meetings       5       1       6         Incident Reports       1       1       6         Near Miss Reports       1       1       1         No. of survey Man-Hours worked since start of project or LTI       192:00       36:00       228:00         GG.       VESSEL ROB's at 24:00hrs       Fuel (T)       Lube OII (L)       Water (T)         ROB at 00:00 hrs       2       2       2       2         ROB at 24:00 hrs       2       2       2       2         Ht.       EXPECTED WEATHER NEXT 24 HRS:       2       2       2       2         Survey vessels for the stept of Geophysics. We have residend the centerline from ESS. Strong winds are forecasted for tomorrow through Friday. Crew will collect the centerline dataset even if data quality is poor, as long as conditions are safe to work. This will help scheduling for Geotechnical location selections and Archaeological review if we are down on weather the next couple of days. If data quality is poor, the survey orew will re-run the centerline dataset when site conditions have improved.         KK.       REPRESENTATIVE'S COMMENTS: (Optional)       (Client Representative)					-				
Incident Reports Near Miss Reports Savey Observation Card (SOB) Observation Card (SOB) Observatio			N			_		_	
Near Miss Reports       I       I         Savety Observation Card (SOB)       1       1         No. of survey Man-Hours worked since start of project or LTI.       192:00       36:00       228:00         GG.       VESSEL ROB's at 24:00hrs       Image: Source of Comparison o				l	•	5	1	6	
Savety Observation Card (SOB) Observation Card     1     1       No. of survey Man-Hours worked since start of project or LTI     192:00     36:00     228:00       GG.     VESSEL ROB's at 24:00hrs     Vester (T)       ROB at 00:00 hrs     Image: Comparison of Compari									
Observation Card         1         1           No. of survey Man-Hours worked since start of project or UTI.         192:00         36:00         228:00           GG.         VESSEL ROB's at 24:00hrs         Fuel (T)         Lube OII (L)         Water (T)           ROB at 00:00 hrs         Eucle         Image: Consumed Today         Image: Consumed Today         Image: Consumed Today           ROB at 00:00 hrs         Encelved today         Image: Consumed Today         Image: Consumed Today         Image: Consumed Today           ROB at 24:00 hrs         Image: Consumed Today         Image: Consumed Today <td< td=""><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td></td<>					-				
No. of survey Man-Hours worked since start of project or LTL       192:00       36:00       228:00         GG.       VESSEL ROB's at 24:00hrs         Fuel (T)       Lube Oit (L)       Water (T)         ROB at 00:00 hrs         Consumed Today       Consumed Today         Consumed Today       Consumed Today         Received today       Consumed Today         Received today       Consumed Today         Received today         Received today         Received today       Consumed Today       Consumed Today         It       ANTCIPATED PROGRAM NEXT 24 HRS:         Begin Cable Route Survey       Survey vessel is fully mobilized and tested for Goophysics. We have recieved				Savety Observ					
GG.       VESSEL ROB's at 24:00hrs         Fuel (T)         Lube Oil (L)       Water (T)         ROB at 00:00 hrs					Observation Card	1		1	
GG.       VESSEL ROB's at 24:00hrs         Fuel (T)         Lube Oil (L)       Water (T)         ROB at 00:00 hrs		No. of our			- 	100.00			
Fuel (T)         Lube Oil (L)         Water (T)           ROB at 00:00 hrs			,	ted since start	of project or LTI.	192:00	36:00	228:00	
ROB at 00:00 hrs       Consumed Today         ROB at 00:00 hrs       Consumed Today         Received today       RoB at 24:00 hrs         ROB at 24:00 hrs       ROB at 24:00 hrs         II.       ANTICIPATED PROGRAM NEXT 24 HRS:         NE winds 20 to 25 kt with gusts up to 30 kt.       ROB at 24:00 hrs         II.       ANTICIPATED PROGRAM NEXT 24 HRS:         Begin Cable Route Survey       JJ.         JJ.       PARTY CHIEF'S COMMENTS: (Optional)         Survey vessel is fully mobilized and tested for Geophysics. We have recieved the centerline from ESS. Strong winds are forecasted for tomorrow through Friday. Crew will collect the centerline dataset even if data quality is poor, as long as conditions are safe to work. This will help scheduling for Geotechnical location selections and Archaeological review if we are down on weather the next couple of days. If data quality is poor, the survey crew will re-run the centerline dataset when site conditions have improved.         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         G. Matt Slusher       (Client Representative)         G. Matt Slusher       (Client Representative)         Vessel:       M/V William M.       Project No:       1783       Date:       26 September 2017         Client:       US Wind       Location:       Indian River Bay       Report No.       007	66.	VESSEL KUDS	at 24:00115	Eu	ol (T)	Lub			Mator (T)
Consumed Today       Received today       Received today       Received today         ROB at 24:00 hrs       ROB at 24:00 hrs       ROB at 24:00 hrs         HH.       EXPECTED WEATHER NEXT 24 HRS:         NE winds 20 to 25 kt with gusts up to 30 kt.       II.         II.       ANTICIPATED PROGRAM NEXT 24 HRS:         Begin Cable Route Survey       J.         J.       PARTY CHIEF'S COMMENTS: (Optional)         Survey vessel is fully mobilized and tested for Geophysics. We have recieved the centerline from ESS. Strong winds are forecasted for tomorrow through Friday. Crew will collect the centerline dataset even if data quality is poor, as long as conditions are safe to work. This will help scheduling for Geotechnical location selections and Archaeological review if we are down on weather the next couple of days. If data quality is poor, the survey crew will re-run the centerline dataset when site conditions have improved.         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE       For US Wind         G. Matt Slusher       (Client Representative)         (Survey Party Chief)       (Client Representative)         Vessel:       M/V William M.       Project No:       1783       Date:       26 September 2017         Client:       US Wind       Location:       Indian River Bay       Report No.       007 <td></td> <td></td> <td></td> <td>Fu</td> <td></td> <td>Lube</td> <td></td> <td></td> <td></td>				Fu		Lube			
Consumed Today       Received today       Received today       Received today         ROB at 24:00 hrs       ROB at 24:00 hrs       ROB at 24:00 hrs         HH.       EXPECTED WEATHER NEXT 24 HRS:         NE winds 20 to 25 kt with gusts up to 30 kt.       II.         II.       ANTICIPATED PROGRAM NEXT 24 HRS:         Begin Cable Route Survey       J.         J.       PARTY CHIEF'S COMMENTS: (Optional)         Survey vessel is fully mobilized and tested for Geophysics. We have recieved the centerline from ESS. Strong winds are forecasted for tomorrow through Friday. Crew will collect the centerline dataset even if data quality is poor, as long as conditions are safe to work. This will help scheduling for Geotechnical location selections and Archaeological review if we are down on weather the next couple of days. If data quality is poor, the survey crew will re-run the centerline dataset when site conditions have improved.         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE       For US Wind         G. Matt Slusher       (Client Representative)         (Survey Party Chief)       (Client Representative)         Vessel:       M/V William M.       Project No:       1783       Date:       26 September 2017         Client:       US Wind       Location:       Indian River Bay       Report No.       007 <td></td> <td></td> <td>DOD at 00:00 hrs</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			DOD at 00:00 hrs						
Received today ROB at 24:00 hrs       ROB at 24:00 hrs         HH.       EXPECTED WEATHER NEXT 24 HRS:         NE winds 20 to 25 kt with gusts up to 30 kt.       II.         ANTICIPATED PROGRAM NEXT 24 HRS:         Begin Cable Route Survey         J.       PARTY CHIEF'S COMMENTS: (Optional)         Survey vessel is fully mobilized and tested for Geophysics. We have recieved the centerline from ESS. Strong winds are forecasted for tomorrow through Friday. Crew will collect the centerline dataset even if data quality is poor, as long as conditions are safe to work. This will help scheduling for Geotechnical location selections and Archaeological review if we are down on weather the next couple of days. If data quality is poor, the survey crew will re-run the centerline dataset when site conditions have improved.         Kk.       REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE       For US Wind         G. Matt Slusher (Survey Party Chief)       (Client Representative)         Vessel:       M/V William M.       Project No:       1783       Date:       26 September 2017         Client:       US Wind       Location:       Indian River Bay       Report No.       007									
ROB at 24:00 hrs         HH. EXPECTED WEATHER NEXT 24 HRS:         NE winds 20 to 25 kt with gusts up to 30 kt.         II. ANTICIPATED PROGRAM NEXT 24 HRS:         Begin Cable Route Survey       JJ. PARTY CHIEF'S COMMENTS: (Optional)         Survey vessel is fully mobilized and tested for Geophysics. We have recieved the centerline from ESS. Strong winds are forecasted for tomorrow through Friday. Crew will collect the centerline dataset even if data quality is poor, as long as conditions are safe to work. This will help scheduling for Geotechnical location selections and Archaeological review if we are down on weather the next couple of days. If data quality is poor, the survey crew will re-run the centerline dataset when site conditions have improved.         KK. REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE         G. Matt Slusher         (Client Representative)         Vessel: M/V William M. Project No: 1783       Date: 26 September 2017         Client: US Wind									
HH.       EXPECTED WEATHER NEXT 24 HRS:         NE winds 20 to 25 kt with gusts up to 30 kt.       II.         II.       ANTICIPATED PROGRAM NEXT 24 HRS:         Begin Cable Route Survey       JJ.         JJ.       PARTY CHIEF'S COMMENTS: (Optional)         Survey vessel is fully mobilized and tested for Geophysics. We have recieved the centerline from ESS. Strong winds are forecasted for tomorrow through Friday. Crew will collect the centerline dataset even if data quality is poor, as long as conditions are safe to work. This will help scheduling for Geotechnical location selections and Archaeological review if we are down on weather the next couple of days. If data quality is poor, the survey crew will re-run the centerline dataset when site conditions have improved.         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE         For ALPINE       For US Wind         G. Matt Slusher       (Client Representative)         (Survey Party Chief)       (Client Representative)         Vessel:       WV William M.       Project No:       1783       Date:       26 September 2017         Client:       US Wind       Location:       Indian River Bay       Report No.       007									
NE winds 20 to 25 kt with gusts up to 30 kt.         II. ANTICIPATED PROGRAM NEXT 24 HRS:         Begin Cable Route Survey       Degrin Cable Route Survey         JJ. PARTY CHIEF'S COMMENTS: (Optional)         Survey vessel is fully mobilized and tested for Geophysics. We have recieved the centerline from ESS. Strong winds are forecasted for tomorrow through Friday. Crew will collect the centerline dataset even if data quality is poor, as long as conditions are safe to work. This will help scheduling for Geotechnical location selections and Archaeological review if we are down on weather the next couple of days. If data quality is poor, the survey crew will re-run the centerline dataset when site conditions have improved.         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE         G. Matt Slusher         (Client Representative)         Vessel: M/V William M.         Project No: 1783         Date: 26 September 2017         Client: US Wind	ШU	EXPECTED WE							
II.       ANTICIPATED PROGRAM NEXT 24 HRS:         Begin Cable Route Survey       JJ.       PARTY CHIEF'S COMMENTS: (Optional)         Survey vessel is fully mobilized and tested for Geophysics. We have recieved the centerline from ESS. Strong winds are forecasted for tomorrow through Friday. Crew will collect the centerline dataset even if data quality is poor, as long as conditions are safe to work. This will help scheduling for Geotechnical location selections and Archaeological review if we are down on weather the next couple of days. If data quality is poor, the survey crew will re-run the centerline dataset when site conditions have improved.         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE         For ALPINE       For US Wind         G. Matt Slusher       (Client Representative)         (Survey Party Chief)       Vessel:       (Client Representative)         Vessel:       U/V William M.       Project No:       1783       Date:       26 September 2017         Client:       US Wind       Location:       Indian River Bay       Report No.       007									
Begin Cable Route Survey         JJ.       PARTY CHIEF'S COMMENTS: (Optional)         Survey vessel is fully mobilized and tested for Geophysics. We have recieved the centerline from ESS. Strong winds are forecasted for tomorrow through Friday. Crew will collect the centerline dataset even if data quality is poor, as long as conditions are safe to work. This will help scheduling for Geotechnical location selections and Archaeological review if we are down on weather the next couple of days. If data quality is poor, the survey crew will re-run the centerline dataset when site conditions have improved.         KK.       REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE       For ALPINE         G. Matt Slusher (Survey Party Chief)       (Client Representative)         Vessel: M/V William M.       Project No: 1783       Date: 26 September 2017         Client: US Wind       Location: Indian River Bay       Report No.       007									
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KK.       REPRESENTATIVE'S COMMENTS: (Optional)         For ALPINE       For US Wind         G. Matt Slusher       (Client Representative)         (Survey Party Chief)       Indian River Bay         Vessel:       M/V William M.         Project No:       1783         Date:       26 September 2017         Client:       US Wind									
For ALPINE     For US Wind       G. Matt Slusher (Survey Party Chief)     (Client Representative)       Vessel:     M/V William M.     Project No:     1783     Date:     26 September 2017       Client:     US Wind     Location:     Indian River Bay     Report No.     007	are down on weather th	ne next couple of da	ys. If data quality is po	or, the survey cre	ew will re-run the ce	enterline datase	et when site conditi	ons have improved.	
For ALPINE     For US Wind       G. Matt Slusher (Survey Party Chief)     (Client Representative)       Vessel:     M/V William M.     Project No:     1783     Date:     26 September 2017       Client:     US Wind     Location:     Indian River Bay     Report No.     007									
For ALPINE     For US Wind       G. Matt Slusher (Survey Party Chief)     (Client Representative)       Vessel:     M/V William M.     Project No:     1783     Date:     26 September 2017       Client:     US Wind     Location:     Indian River Bay     Report No.     007									
For ALPINE     For US Wind       G. Matt Slusher (Survey Party Chief)     (Client Representative)       Vessel:     M/V William M.     Project No:     1783     Date:     26 September 2017       Client:     US Wind     Location:     Indian River Bay     Report No.     007	KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
G. Matt Slusher (Survey Party Chief)     (Client Representative)       Vessel:     M/V William M.     Project No:     1783     Date:     26 September 2017       Client:     US Wind     Location:     Indian River Bay     Report No.     007				(,					
G. Matt Slusher (Survey Party Chief)     (Client Representative)       Vessel:     M/V William M.     Project No:     1783     Date:     26 September 2017       Client:     US Wind     Location:     Indian River Bay     Report No.     007									
G. Matt Slusher (Survey Party Chief)     (Client Representative)       Vessel:     M/V William M.     Project No:     1783     Date:     26 September 2017       Client:     US Wind     Location:     Indian River Bay     Report No.     007		For ALPINE					For	US Wind	
(Survey Party Chief)     (Client Representative)       Vessel:     M/V William M.     Project No:     1783     Date:     26 September 2017       Client:     US Wind     Location:     Indian River Bay     Report No.     007									
(Survey Party Chief)     (Client Representative)       Vessel:     M/V William M.     Project No:     1783     Date:     26 September 2017       Client:     US Wind     Location:     Indian River Bay     Report No.     007		ansel							
(Survey Party Chief)     (Client Representative)       Vessel:     M/V William M.     Project No:     1783     Date:     26 September 2017       Client:     US Wind     Location:     Indian River Bay     Report No.     007	-								
(Survey Party Chief)     (Client Representative)       Vessel:     M/V William M.     Project No:     1783     Date:     26 September 2017       Client:     US Wind     Location:     Indian River Bay     Report No.     007		G. Matt Slusher					l		
Vessel:         M/V William M.         Project No:         1783         Date:         26 September 2017           Client:         US Wind         Location:         Indian River Bay         Report No.         007	(5	Survey Party Chie	ef)					(Client Represe	entative)
Client: US Wind Location: Indian River Bay Report No. 007		, ,	,	Project No:	178	3	Date:		
	Client:	US	Wind	•	Indian Riv	/er Bay	Report No.	-	
				Project:					

<b>s Al</b> r	Dine A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location: Project:		M/V William M. US Wind Indian River Bay xport Cable Route	Surveys	Т	Project No odays Date Report No Start Date	c c	1783 27 September 2017 8 20 September 2017
	All times are	ES7		(GMT -	4:00	hrs)	
	All times are	207		(OMT -	4.00	1113)	
AA.		FION AT 24:00 HRS					
Description:	Indian River Mari	na	Latitude:	38° 36' 46.47		Longitude:	75° 04' 26.01
BB.	WEATHER:						
Time	BAROM	WIN		WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00		00.0514-		0.75.4.05		Querrant	Guete over 20 kts
08:00		20-25kts	NE	0.75-1.25	<1	Overcast	Gusts over 30 kts
16:00 24:00							
27.00		1	1			1	
CC.	PERSONNEL &						
C1.	Alpine OSS Per	sonnel:					
	G. Matt Slusher		Surveyor:				
	Dennis Wilson		Analog Eng.				
Surveyor: C2.	Mitchell Kennedy Additional Pers	onnel	Analog Eng.				
02.	Additional Fers						
C3.	<b>Client Personne</b>	el:					
Client Rep.							
C4.	Personnel On E					0711550	
ALPINE:	3	CLIENT	:	VESSEL:		OTHERS:	TOTAL 3
C5.	ALPINE'S Equip	oment:					
planix POSMV		Sontek Castaway CTD					
getech 6205		QPS QINSy					
mble Nev Dr. Do							
mple inav Beacon DG	PS	Edgetech SB216P SBF	2				
uicom VRS RTK		Geometrics G882 Magr					
	PS Additional Equi	Geometrics G882 Magr					
uicom VRS RTK		Geometrics G882 Magr					
uicom VRS RTK		Geometrics G882 Magr					
uicom VRS RTK	Additional Equi	Geometrics G882 Magr	netometer	of personnel / eq	quipment)	<u> </u>	
uicom VRS RTK C6. C7.	Additional Equi	Geometrics G882 Magr pment ns (include notice	netometer		quipment)	On Ves	ssel
uicom VRS RTK C6. C7.	Additional Equi	Geometrics G882 Magr pment ns (include notice	netometer	of personnel / ea Personnel:	quipment)	On Ve	ssel
uicom VRS RTK C6. C7. rsonnel:	Additional Equi	Geometrics G882 Magr pment ns (include notice	netometer	Personnel:	quipment)	On Ves	ssel
uicom VRS RTK C6. C7. prsonnel:	Additional Equi	Geometrics G882 Magr pment ns (include notice	netometer		quipment)	On Ve	ssel
uicom VRS RTK C6. C7. prsonnel:	Additional Equi	Geometrics G882 Magr pment ns (include notice	netometer	Personnel:	quipment)	On Ve	ssel
uicom VRS RTK C6. C7. rsonnel:	Additional Equi	Geometrics G882 Magr pment ns (include notice ssel	netometer	Personnel:	quipment)	On Ves	ssel
C6. C7. rsonnel:	Additional Equi Project Variatio Off Ve	Geometrics G882 Magr pment ns (include notice ssel	netometer	Personnel:	quipment)	On Ves	ssel
uicom VRS RTK C6. C7. rsonnel: uipment: DD.	Additional Equi Project Variatio Off Ve DIARY OF EVEI	Geometrics G882 Magr pment ns (include notice ssel	etometer	Personnel:		On Ves	ssel
Licom VRS RTK C6. C7. rsonnel: uipment: DD. From	Additional Equi Project Variatio Off Ve DIARY OF EVEI	Geometrics G882 Magr pment ns (include notice ssel NTS TODAY: hrs	etometer	Personnel: Equipment:	vey vessel		ssel
Licom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 6:30	Geometrics G882 Magr pment ns (include notice ssel VTS TODAY: hrs 0:30	etometer  s of changes of Code O	Personnel: Equipment: Crew transit to sur Pre-survey checks Survey operations	/ey vessel & transit to s	urvey location	
C6. C7. C7. rsonnel: uipment: DD. From 6:00 6:30	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 6:30 8:00	Geometrics G882 Magr pment ns (include notice ssel VTS TODAY: hrs 0:30 1:30	s of changes of Code	Personnel: Equipment: Crew transit to sur Pre-survey checks Survey operations Weather condition:	vey vessel & transit to s s deteriorated	urvey location , return to marina.	ssel
C7. C7. C7. rsonnel: uipment: DD. From 6:00 6:30 8:00	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 6:30 8:00 10:30	Geometrics G882 Magr pment ins (include notice ssel VTS TODAY: hrs 0:30 1:30 2:30	s of changes of Code	Personnel: Equipment: Crew transit to sur Pre-survey checks Survey operations	vey vessel & transit to s s deteriorated	urvey location , return to marina.	
UICOM VRS RTK C6. C7. C7. Pronnel: UIDD. From 6:00 6:30 8:00 10:30	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 6:30 8:00 10:30 11:30	Geometrics G882 Magr pment ins (include notice ssel NTS TODAY: hrs 0:30 1:30 2:30 1:00	s of changes of Code	Personnel: Equipment: Crew transit to sur Pre-survey checks Survey operations Weather condition:	vey vessel & transit to s s deteriorated	urvey location , return to marina.	
C7. ersonnel: quipment: DD. From 6:00 6:30 8:00 10:30	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 6:30 8:00 10:30 11:30	Geometrics G882 Magr pment ins (include notice ssel NTS TODAY: hrs 0:30 1:30 2:30 1:00	s of changes of Code	Personnel: Equipment: Crew transit to sur Pre-survey checks Survey operations Weather condition:	vey vessel & transit to s s deteriorated	urvey location , return to marina.	
uicom VRS RTK C6. C7. ersonnel: uipment: DD. From 6:00 6:30 8:00 10:30	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 6:30 8:00 10:30 11:30	Geometrics G882 Magr pment ins (include notice ssel NTS TODAY: hrs 0:30 1:30 2:30 1:00	s of changes of Code	Personnel: Equipment: Crew transit to sur Pre-survey checks Survey operations Weather condition:	vey vessel & transit to s s deteriorated	urvey location , return to marina.	
UICOM VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:30 8:00 10:30	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 6:30 8:00 10:30 11:30	Geometrics G882 Magr pment ins (include notice ssel NTS TODAY: hrs 0:30 1:30 2:30 1:00	s of changes of Code	Personnel: Equipment: Crew transit to sur Pre-survey checks Survey operations Weather condition:	vey vessel & transit to s s deteriorated	urvey location , return to marina.	
UICOM VRS RTK C6. C7. C7. Intronel: UIDD. From 6:00 6:30 8:00 10:30	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 6:30 8:00 10:30 11:30	Geometrics G882 Magr pment ins (include notice ssel NTS TODAY: hrs 0:30 1:30 2:30 1:00	s of changes of Code	Personnel: Equipment: Crew transit to sur Pre-survey checks Survey operations Weather condition:	vey vessel & transit to s s deteriorated	urvey location , return to marina.	
Licom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:30 8:00 10:30	Additional Equi Project Variatio Off Ve DIARY OF EVEI To 6:30 8:00 10:30 11:30	Geometrics G882 Magr pment ins (include notice ssel NTS TODAY: hrs 0:30 1:30 2:30 1:00	s of changes of Code	Personnel: Equipment: Crew transit to sur Pre-survey checks Survey operations Weather condition:	vey vessel & transit to s s deteriorated	urvey location , return to marina.	

EE.	PROJECT DATA	A:						
E1.	Time Summary	:						
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			30:00		30:00		31.25
Transit	т							
Calibrations	С							
Operational	0			18:00	5:30	23:30		24.48
Weather Standby					6:30	6:30		6.77
Standby on Client				36:00		36:00		37.50
Vessel Downtime								
Port Standby								
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
			TOTAL	84:00	12:00	96:00		100.00%
Hrs. of L	Daily Operations	12				Check Value=	96.00	
E2.	Survey Progres							
Description	j <u>-</u>	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Recon		-15.50	7.104	25.00	40.50	roddy run	40.50	162.00%
Standby (Processing Da	vs)	10.00		3.00	3.00		3.00	100.00%
Cable Route Survey	<i>y</i> - <i>y</i>	186.80		193.00	0.00	6.20	6.20	3.21%
Mobilization & Calibration	ns (Lumn Sum)	100.00		1.00	1.00	0.20	1.00	100.00%
	TOTALS:	171.30	TOTAL	113.00	44.50	6.20	<b>50.70</b>	44.87%
FF.		& Figures for Vesse					50.70	44.07 %
гг.	SAFETT (Details	s & Figures for vesse	er and Survey	Crews and Cherr		1765)		
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Proiec	t & HSE Briefings	1		1	
		Ship		e & Abandon Ship	2		2	
		0p		Vessel guided tour	-		-	
		Μ		t / First Aid Cases				
		IV.		Tool Box Meetings	6	1	7	
				Incident Reports	0		1	
				Near Miss Reports				
				vation Card (SOB)				
			Savely Observ		4			
				Observation Card	1		1	
	No of su	rvey Man-Hours work	ed since start	of project or LTL	228:00	36:00	264:00	
GG.	VESSEL ROB's				220.00	50.00	204.00	
	12002211020		Fu	iel (T)	Lube	e Oil (L)	۱ ۱	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:					
N winds around 20 kt v								
		PROGRAM NEXT 24	HRS:					
Continue cable route s	urvey operations		-					
		COMMENTS: (Opt	ional)					
		tal KM" for "Cable Rout		3 km from the prev	ious 84 km to re	eflect the added dis	stance of the new ca	able re-route.
				·				
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
			(,					
	For ALPINE					For	US Wind	
						101		
	ansel							
-	114	5						
	G. Matt Slusher							
	Survey Party Chie						(Client Represe	entative)
Vessel:		/illiam M.	Project No:	178	3	Date:		ptember 2017
Client:		Wind	Location:			Report No.	21 30	008
Cilefit:	03					•		

<b>\$A</b> lr	DINE A GARDLINE COMPANY						DAILY REPORT
Vessel: Client:		M/V William M. US Wind			Project No odays Date	e:	1783 28 September 2017
Location: Project:		Indian River Bay Export Cable Route	Surveys		Report No Start Date		9 20 September 2017
	All times are	EST		(GMT -	4:00	hrs)	
AA.	VESSEL LOCA	TION AT 24:00 HRS	<b>3</b> :				
Description:	Indian River Mari	na	Latitude:	38° 36' 46.47		Longitude:	75° 04' 26.01
BB.	WEATHER:						
Time	BAROM	WINE	)	WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	
00:00							
08:00		15-20kts	N	0.5-1	2+	Clear	Gusts to 25kts
16:00		20-25kts	N	1-1.5	2+	Clear	Gusts to 35kts
24:00							
CC.	PERSONNEL &	EQUIPMENT:					
C1.	Alpine OSS Per	rsonnel:	•			-	
	G. Matt Slusher		Surveyor:				
	Dennis Wilson		Analog Eng.				
	Mitchell Kennedy		Analog Eng.				
C2.	Additional Pers	sonnel					
C3.	Client Personn	el:					
Client Rep.							
Gliont rtop.							
C4.	Personnel On E	Board:					
ALPINE:	3	CLIENT:		VESSEL:		OTHERS:	TOTAL 3
C5.	ALPINE'S Equi						
planix POSMV	ALPINE'S Equi	Sontek Castaway CTD					
planix POSMV getech 6205		Sontek Castaway CTD QPS QINSy					
planix POSMV getech 6205 mble Nav Beacon DG		Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP					
olanix POSMV getech 6205 nble Nav Beacon DG		Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn					
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK	PS Additional Equi	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn	netometer	of personnel / ec	quipment)		
olanix POSMV getech 6205 nble Nav Beacon DG uicom VRS RTK <b>C6.</b> <b>C7.</b>	PS Additional Equi	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment	netometer		quipment)	On Ve	ssel
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK <b>C6.</b> <b>C7.</b>	PS Additional Equi	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment	netometer	of personnel / er Personnel:	quipment)	On Ve	ssel
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel:	PS Additional Equi	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment	netometer	Personnel:	quipment)	On Ve	ssel
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7.	PS Additional Equi	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment	netometer		quipment)	On Ve	ssel
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7.	PS Additional Equi	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment	netometer	Personnel:	quipment)	On Ve	ssel
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7.	PS Additional Equi	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment	netometer	Personnel:	quipment)	On Ve	ssel
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment:	PS Additional Equi Project Variatic Off Ve	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment	netometer	Personnel:	quipment)	On Ve	ssel
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment:	PS Additional Equi Project Variatic Off Ve DIARY OF EVE	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment ons (include notice: ssel	s of changes of	Personnel: Equipment: Crew transit to ves	sel.		ssel
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From	PS Additional Equi Project Variatic Off Ve DIARY OF EVE To	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment ons (include notice: ssel	s of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks	sel. & transit to s		ssel
olanix POSMV getech 6205 nble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00	PS Additional Equi Project Variatic Off Ve Off Ve DIARY OF EVE To 6:30	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment ons (include notices ssel	s of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations	sel. & transit to s	survey location	
Danix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:30	Additional Equi Project Variatio Off Ve DIARY OF EVE To 6:30 7:50	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment ons (include notices ssel	s of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Weather condition	sel. & transit to s	survey location I, return to marina.	ssel
Danix POSMV getech 6205 nble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:30 7:50	Project Variational Equi Project Variation Off Ve DIARY OF EVE To 6:30 7:50 9:30	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment ons (include notice: ssel NTS TODAY: hrs 0:30 1:20 1:40	s of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations	sel. & transit to s	survey location I, return to marina.	
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:30 7:50 9:30	Additional Equi Project Variatic Off Ve DIARY OF EVE To 6:30 7:50 9:30 10:30	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment ons (include notice: ssel NTS TODAY: hrs 0:30 1:20 1:40 1:00	s of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Weather condition	sel. & transit to s	survey location I, return to marina.	
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. c7. c7. c7. c7. c7. c7. c7. c7. c7. c	Additional Equi Project Variatic Off Ve DIARY OF EVE To 6:30 7:50 9:30 10:30	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment ons (include notice: ssel NTS TODAY: hrs 0:30 1:20 1:40 1:00	s of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Weather condition	sel. & transit to s	survey location I, return to marina.	
planix POSMV Igetech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: pluipment: DD. From 6:00 6:30 7:50 9:30	Additional Equi Project Variatic Off Ve DIARY OF EVE To 6:30 7:50 9:30 10:30	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment ons (include notice: ssel NTS TODAY: hrs 0:30 1:20 1:40 1:00	s of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Weather condition	sel. & transit to s	survey location I, return to marina.	
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. ersonnel: uipment: DD. From 6:00 6:30 7:50 9:30	Additional Equi Project Variatic Off Ve DIARY OF EVE To 6:30 7:50 9:30 10:30	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment ons (include notice: ssel NTS TODAY: hrs 0:30 1:20 1:40 1:00	s of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Weather condition	sel. & transit to s	survey location I, return to marina.	
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. c7. c7. c7. c7. c7. c7. c7. c7. c7. c	Additional Equi Project Variatic Off Ve DIARY OF EVE To 6:30 7:50 9:30 10:30	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment ons (include notice: ssel NTS TODAY: hrs 0:30 1:20 1:40 1:00	s of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Weather condition	sel. & transit to s	survey location I, return to marina.	
planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:30 7:50 9:30	Additional Equi Project Variatic Off Ve DIARY OF EVE To 6:30 7:50 9:30 10:30	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magr ipment ons (include notice: ssel NTS TODAY: hrs 0:30 1:20 1:40 1:00	s of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Weather condition	sel. & transit to s	survey location I, return to marina.	

EE.	PROJECT DATA	A:						
E1.	Time Summary	:						
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			30:00		30:00		27.78
Transit	Т							
Calibrations	С							
Operational	0			23:30	4:30	28:00		25.93
Weather Standby	W			6:30	7:30	14:00		12.96
Standby on Client	S			36:00		36:00		33.33
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO							
			TOTAL	96:00	12:00	108:00		100.00%
	Daily Operations	12		Cumu	lative Hours	Check Value=	108.00	
	Survey Progres							
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Recon		-15.50		25.00	40.50		40.50	162.00%
Standby (Processing Day	ys)			3.00	3.00		3.00	100.00%
Cable Route Survey		111.50		125.00	6.20	7.30	13.50	10.80%
Mobilization & Calibration	,			1.00	1.00		1.00	100.00%
	TOTALS:	96.00	TOTAL	113.00	50.70	7.30	58.00	51.33%
FF.	SAFETY (Details	s & Figures for Vesse	el and Survey (	Crews and Clien	t Representat	ives)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
					Events	-		
		01.1		ct & HSE Briefings			1	
		Ship		e & Abandon Ship	2		2	
		N		Vessel guided tour nt / First Aid Cases				
		IV				4	0	
				Tool Box Meetings		1	8	
				Incident Reports Near Miss Reports				
				vation Card (SOB)				
			Savely Observ	Observation Card			4	
				Observation Card	1		1	
	No of su	rvey Man-Hours work	ed since start	of project or LTL	264:00	36:00	300:00	
GG.	VESSEL ROB's			p. e,eet e	201.00	00.00	000.00	L
			Fu	iel (T)	Lub	e Oil (L)	· · · ·	Water (T)
			-			( )		
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:		<u>P</u>			
N winds 10 to 15 kt wit	th gusts up to 20 kt,	diminishing to 5 to 10 k	t with gusts up to	o 15 kt in the late n	norning and ear	ly afternoon, then	becoming W late.	
Π.	ANTICIPATED F	PROGRAM NEXT 24	HRS:					
Continue cable route s	urvey							
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
		AQC todays data. Sur				uality. Updated Se	ection E2. Survey p	rogress "Total KM" for
"Cable Route Survey"	to 125 km from the	previous 193 km to refle	ect the reduced of	corridor from 500m	to 300m			
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
						1		
	For ALPINE					For	US Wind	
	Malas	ś.						
	might	3						
	V							
	G. Matt Slusher						-	
	Survey Party Chie	,			_		(Client Represe	
Vessel:		/illiam M.	Project No:	178 In diam Di		Date:	28 Sej	otember 2017
Client:	05	Wind	Location:	Indian Ri US Wind Expo		Report No.		009
			FIUJECI		ιι υαριέ κου	LE JUI VEVS		

<b>¢ Al</b> r	Dine A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location:		M/V William M. US Wind Indian River Bay		Т	Project No odays Date Report No	:	1783 29 September 2017 10
Project:		Export Cable Route	surveys		Start Date		20 September 2017
	All times are	ES7	r	(GMT -	4:00	hrs)	
AA.	VESSEL LOCA	TION AT 24:00 HRS	S:				
Description:	Indian River Mari	na	Latitude:	38° 36' 46.47		Longitude:	75° 04' 26.01
BB.	WEATHER:						
Time	BAROM	WINI	D	WAVE	VISIB.	SKY	
(Local)	mb	Speed kts	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00							
08:00		10-15	N	calm	2+	Clear	
16:00		5-10	N	calm	2+	Clear	
24:00							
CC.	PERSONNEL &						
C1.	Alpine OSS Per						
Party Chief:	G. Matt Slusher		Surveyor:				
-	Dennis Wilson		Analog Eng.				
	Mitchell Kennedy		Analog Eng.				
C2.	Additional Pers	onnel					
<u>C</u> 2	Client Personn	ol:					
Client Dep	Chefit Personni	31.					
Client Rep.	<u> </u>						
C4.	Personnel On E	Board:					
ALPINE:	3	CLIENT	:	VESSEL:		OTHERS:	TOTAL 3
	-		<u>.</u>				
C5.	ALPINE'S Equi						
olanix POSMV		Sontek Castaway CTD					
getech 6205		QPS QINSy					
mble Nav Beacon DG	PS	Edgetech SB216P SBF					
uicom VRS RTK		Geometrics G882 Mag	netometer				
C6.	Additional Equi	pment					
С7.	Project Variatio	ons (include notice	s of changes o	of personnel / ec	quipment)		
	Project Variatic Off Ve	•	s of changes c	of personnel / ee	quipment)	On Ve	ssel
C7.		•	s of changes c	of personnel / ea Personnel:	quipment)	On Ve	ssel
C7. rsonnel:		•	s of changes c	Personnel:	quipment)	On Ve	ssel
C7. rsonnel:		•	s of changes o		quipment)	On Ve	ssel
C7.		•	s of changes o	Personnel:	quipment)	On Ve	ssel
C7. rsonnel: uipment:	Off Ve	ssel	es of changes o	Personnel:	quipment)	On Ve	ssel
C7. rsonnel: uipment: DD.	Off Ve DIARY OF EVE	NTS TODAY:		Personnel:	quipment)	On Ve	ssel
C7. rsonnel: uipment: DD. From	Off Ve DIARY OF EVE To	NTS TODAY: hrs	Code	Personnel:		On Ve	ssel
C7. rsonnel: uipment: DD. From 6:00	Off Ve DIARY OF EVEI To 6:30	NTS TODAY: hrs 0:30	Code	Personnel: Equipment:	sel.		ssel
C7. rsonnel: uipment: DD. From	Off Ve DIARY OF EVE To	NTS TODAY: hrs 0:30 1:00	Code O O	Personnel: Equipment: Crew transit to ves	sel.		ssel
C7. rsonnel: uipment: DD. From 6:00 6:30	Off Ve DIARY OF EVEI To 6:30 7:30	NTS TODAY: hrs 0:30	Code O O O	Personnel: Equipment: Crew transit to ves Pre-survey checks	sel. & transit to s		ssel
C7. rsonnel: uipment: DD. From 6:00 6:30 7:30	Off Ve DIARY OF EVEI To 6:30 7:30 17:00	NTS TODAY: hrs 0:30 1:00 9:30	Code O O O O	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations	sel. & transit to s fuel vessel	urvey location	ssel
C7. rsonnel: uipment: DD. From 6:00 6:30 7:30 17:00	Off Ve DIARY OF EVEI To 6:30 7:30 17:00 17:30	NTS TODAY: hrs 0:30 1:00 9:30 0:30	Code O O O O	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina,	sel. & transit to s fuel vessel	urvey location	ssel
C7. rsonnel: uipment: DD. From 6:00 6:30 7:30 17:00	Off Ve DIARY OF EVEI To 6:30 7:30 17:00 17:30	NTS TODAY: hrs 0:30 1:00 9:30 0:30	Code O O O O	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina,	sel. & transit to s fuel vessel	urvey location	ssel
C7. rsonnel: uipment: DD. From 6:00 6:30 7:30 17:00	Off Ve DIARY OF EVEI To 6:30 7:30 17:00 17:30	NTS TODAY: hrs 0:30 1:00 9:30 0:30	Code O O O O	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina,	sel. & transit to s fuel vessel	urvey location	ssel
C7. ersonnel: uuipment: DD. From 6:00 6:30 7:30 17:00	Off Ve DIARY OF EVEI To 6:30 7:30 17:00 17:30	NTS TODAY: hrs 0:30 1:00 9:30 0:30	Code O O O O	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina,	sel. & transit to s fuel vessel	urvey location	ssel
C7. ersonnel: uuipment: DD. From 6:00 6:30 7:30 17:00	Off Ve DIARY OF EVEI To 6:30 7:30 17:00 17:30	NTS TODAY: hrs 0:30 1:00 9:30 0:30	Code O O O O	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina,	sel. & transit to s fuel vessel	urvey location	ssel
C7. rsonnel: uipment: DD. From 6:00 6:30 7:30 17:00	Off Ve DIARY OF EVEI To 6:30 7:30 17:00 17:30	NTS TODAY: hrs 0:30 1:00 9:30 0:30	Code O O O O	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina,	sel. & transit to s fuel vessel	urvey location	ssel
C7. ersonnel: uuipment: DD. From 6:00 6:30 7:30 17:00	Off Ve DIARY OF EVEI To 6:30 7:30 17:00 17:30	NTS TODAY: hrs 0:30 1:00 9:30 0:30	Code O O O O	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina,	sel. & transit to s fuel vessel	urvey location	ssel

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			30:00		30:00		25.00
Transit	т							
Calibrations	С							
Operational	0			28:00	12:00	40:00		33.33
Weather Standby	W			14:00		14:00		11.67
Standby on Client	S			36:00		36:00		30.00
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO							
			TOTAL	108:00	12:00	120:00		100.00%
Hrs. of L	Daily Operations	12		Cumul	ative Hours	Check Value=	120.00	
E2.	Survey Progres	s:						
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Recon		-15.50		25.00	40.50		40.50	162.00%
Standby (Processing Day	ys)			3.00	3.00		3.00	100.00%
Cable Route Survey		61.50		125.00	13.50	50.00	63.50	50.80%
Mobilization & Calibration	ns (Lump Sum)			1.00	1.00		1.00	100.00%
	TOTALS:		TOTAL	154.00	58.00	50.00	108.00	70.13%
FF.	<b>SAFETY</b> (Details	& Figures for Vesse	el and Survey	Crews and Clien	t Representat	ives)		
				Incidents & Drills	Previous	Todovla Eventa	Evente To Dote	
				Incidents & Dhiis	Events	Today's Events	Events To Date	
			Projec	ct & HSE Briefings	1		1	
		Ship	s Drill, MOB, Fir	e & Abandon Ship	2		2	
			١	Vessel guided tour				
		Μ	ledical Treatmen	nt / First Aid Cases				
			٦	Tool Box Meetings	8	1	9	
				Incident Reports				
			٦	Vear Miss Reports				
			Savety Observ	vation Card (SOB)				
				Observation Card	1	1	2	
				-				
		rvey Man-Hours work	ed since start	of project or LTI.	300:00	36:00	336:00	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	iel (T)	Lube	e Oil (L)	1	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
		ATHER NEXT 24 HF	RS:					
N winds 5 to 10 kt. Gu								
		ROGRAM NEXT 24	HRS:					
Continue cable route s								
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
	1 1.1							
6	MSRI	3						
4	V							
	G. Matt Slusher							
(5	Survey Party Chie	f)					(Client Represe	entative)
Vessel:		/illiam M.	Project No:	178	3	Date:		otember 2017
Client:	US	Wind	Location:	Indian Riv	ver Bay	Report No.	•	010
				US Wind Expo		•		

<b>s Al</b> r	Dine COMPANY						DAILY REP	ORT
Vessel: Client: Location: Project:		M/V William M. US Wind Indian River Bay xport Cable Route	Survovs	т	Project No odays Date Report No Start Date	e: ):	1783 30 September 11 20 September	
Project.		ES1		(01)			20 September	2017
	All times are	237		(GMT -	4:00	hrs)		
		TION AT 24:00 HRS	-	000 001 40 47			750 0 41 00 04	
Description:	Indian River Mari	na	Latitude:	38° 36' 46.47		Longitude:	75° 04' 26.01	
	WEATHER:			1				
Time	BAROM	WIN		WAVE	VISIB.	SKY	RI	EMARKS
(Local)	mb	Speed kts	Dir	HEIGHT m	nmi	CONDS		
00:00 08:00		10-15	NW	0.5-0.75	2+	Clear		
16:00		20-25	NW	0.5-0.75	2+	Clear	\\/ith	higher gusts
24:00		20-20		0.70-1.20	27	Ciedi	vvitti	
	L		·			·		
	PERSONNEL &							
C1.	Alpine OSS Per	sonnel:	Current and					
	G. Matt Slusher Dennis Wilson		Surveyor: Analog Eng.					
	Mitchell Kennedy		Analog Eng. Analog Eng.					
C2.	Additional Pers	onnel	Analog Eng.					
C3. Client Rep.	Client Personne	):						
C4.	Personnel On B	loard:						
ALPINE:	3	CLIENT	:	VESSEL:		OTHERS:		TOTAL 3
C5.	ALPINE'S Equip	ment:						
planix POSMV		Sontek Castaway CTD						
getech 6205		QPS QINSy						
nble Nav Beacon DG	PS	Edgetech SB216P SBP	þ					
uicom VRS RTK	-	Geometrics G882 Mag	netometer					
C6.	Additional Equi	pment						
C7.	Project Variatio	ns (include notice	s of changes (	of nersonnel / ea	uinment)			
07.	Off Ve		o or originallyes (		aipinein)	On Ve	ssel	
rsonnel:				Personnel:				
uipment:				Equipment:				
DD.	DIARY OF EVEN	NTS TODAY:						
From	То	hrs	Code	Crow transition				
6:00	6:30	0:30	0	Crew transit to vess		unov location		
6:30	7:50	1:20	0	Pre-survey checks Survey operations	a udusit io S	ou vey iocalion		
7:50 11:15	11:15 11:30	3:25 0:15	0 0		deteriorated	return to marina	End of survey day.	
11:15	11:30	6:30	w	Depart marinia. W			- na or our vey day.	

EE.	PROJECT DATA	PROJECT DATA:										
E1.	Time Summary	:										
				Previous	Today	Total						
Rate	Code			Hours	Hours	Hours		Percent of Total				
Mobilization	М			30:00		30:00		22.73				
Transit	т											
Calibrations	С											
Operational	0			40:00	5:30	45:30		34.47				
Weather Standby	W			14:00	6:30	20:30		15.53				
Standby on Client	S			36:00		36:00		27.27				
Vessel Downtime	VD											
Port Standby	PS											
Survey Downtime	SD											
Maintenance time	MT											
Disputed Time	DT											
MMO Shutdown	MMO											
			TOTAL	120:00	12:00	132:00		100.00%				
Hrs. of L	Daily Operations	12		Cumul	ative Hours	Check Value=	132.00					
E2.	Survey Progres	s:										
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed				
Recon		-15.50		25.00	40.50		40.50	162.00%				
Standby (Processing Day	ys)			3.00	3.00		3.00	100.00%				
Cable Route Survey		49.10		125.00	63.50	12.40	75.90	60.72%				
Mobilization & Calibration	ns (Lump Sum)			1.00	1.00		1.00	100.00%				
	TOTALS:	33.60	TOTAL	154.00	108.00	12.40	120.40	78.18%				
FF.	<b>SAFETY</b> (Details	s & Figures for Vesse	el and Survey	Crews and Clien	t Representat	ives)						
				Incidents & Drills	Previous	Today's Events	Events To Date					
				Incidents & Dhils	Events	Today's Events	Events To Date					
			Projec	ct & HSE Briefings	1		1					
		Ship	s Drill, MOB, Fir	e & Abandon Ship	2		2					
			N	Vessel guided tour								
		N	ledical Treatmen	nt / First Aid Cases								
			Г	Tool Box Meetings	9	1	10					
				Incident Reports								
			١	Vear Miss Reports								
			Savety Observ	vation Card (SOB)								
				Observation Card	2		2					
				-								
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	336:00	36:00	372:00					
GG.	VESSEL ROB's	at 24:00hrs										
	-		Fu	iel (T)	Lube	e Oil (L)		Water (T)				
		ROB at 00:00 hrs										
		Consumed Today										
		Received today										
		ROB at 24:00 hrs										
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:									
NE winds 15 to 20 kt, o	diminishing to 10 to	15 kt late.										
II.	ANTICIPATED F	PROGRAM NEXT 24	HRS:									
Continue cable route s	survey											
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)									
		with winds increasing to 2					nd vessel safety were	not. Due to the shallow				
water site conditions alor	ng with low tide in the	afternoon, grounding the	vessel would do s	severe damage to eq	uipment given th	ie sea state.						
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)									
	-											
	For ALPINE					For	US Wind					
	Ansel											
-												
	G. Matt Slusher											
(9	Survey Party Chie						(Client Represe	entative)				
Vessel:		/illiam M.	Project No:	178	3	Date:		ptember 2017				
Client:		Wind	Location:			Report No.		011				
Chorit.	50			US Wind Expo		•		~ = =				

<b>Ş A</b> I	Dine A GARDLINE COMPANY						DAILY REPORT
Vessel: Client: Location: Project:		M/V William M. US Wind Indian River Bay xport Cable Route	e Surveys	Т	Project No odays Date Report No Start Date	e: ):	1783 01 October 2017 12 20 September 2017
<b>.</b>	All times are	ESI		(GMT -	4:00	hrs)	
	Indian River Mari	FION AT 24:00 HRS		38° 36' 46.47		Longitudo:	75° 04' 26.01
Description.			Latitude.	30 30 40.47		Longitude.	75 04 20.01
BB.	WEATHER:						
Time	BAROM	WIN		WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00		10.45		0.5	2.	Overent	
08:00 16:00		10-15 5-10	NE Variable	0.5 calm	2+ 2+	Overcast P. Cloudy	
24:00		0.10		Juin	21	Cloudy	
	•		•	•			•
	PERSONNEL &						
	Alpine OSS Per	sonnel:					
	G. Matt Slusher		Surveyor:				
	Dennis Wilson Phil Morton		Analog Eng.				
C2.	Additional Pers	onnel	Analog Eng.				
02.							
C3.	Client Personne	el:					
Client Rep.							
	Development On F	a and a					
C4. ALPINE:	Personnel On E	CLIENT		VESSEL:		OTHERS:	TOTAL 3
ALF INE.	5	CLIENT	•	VEGGEL.		OTTERS.	
C5.	ALPINE'S Equip	oment:					
planix POSMV		Sontek Castaway CTD					
getech 6205		QPS QINSy					
	PS	Edgetech SB216P SBP					
	PS Additional Equi	Geometrics G882 Mag					
uicom VRS RTK C6.	Additional Equi	Geometrics G882 Mag	netometer	of personnel / ec	quipment)		
uicom VRS RTK C6. C7.	Additional Equi Project Variatic Off Ve	Geometrics G882 Mag pment ns (include notice ssel	netometer			On Ve	ssel
uicom VRS RTK C6. C7.	Additional Equi	Geometrics G882 Mag pment ns (include notice ssel	netometer		quipment) Phil Morton		ssel
uicom VRS RTK C6. C7. orsonnel:	Additional Equi Project Variatic Off Ve	Geometrics G882 Mag pment ns (include notice ssel	netometer	Personnel:			ssel
uicom VRS RTK C6. C7. orsonnel:	Additional Equi Project Variatic Off Ve	Geometrics G882 Mag pment ns (include notice ssel	netometer				ssel
uicom VRS RTK C6. C7. ersonnel:	Additional Equi Project Variatic Off Ve	Geometrics G882 Mag pment ns (include notice ssel	netometer	Personnel:			ssel
uicom VRS RTK C6. C7. ersonnel:	Additional Equi Project Variatic Off Ve	Geometrics G882 Mag pment ns (include notice ssel	netometer	Personnel:			ssel
Cf. C7. C7. ersonnel: uipment: DD. From	Additional Equi Project Variatic Off Ve Mitchell Kennedy DIARY OF EVEL	Geometrics G882 Mag pment ns (include notice ssel VTS TODAY: hrs	etometer	Personnel: Equipment:	Phil Morton		ssel
Cf. C7. C7. rsonnel: uipment: DD. From 6:00	Additional Equi Project Variatio Off Ve Mitchell Kennedy DIARY OF EVEL To 6:30	Geometrics G882 Magi pment ns (include notice ssel VTS TODAY: hrs 0:30	etometer	Personnel: Equipment: Crew transit to ves	Phil Morton		ssel
Licom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:30	Additional Equi Project Variation Off Ve Mitchell Kennedy DIARY OF EVEL To 6:30 7:30	Geometrics G882 Magi pment ns (include notice ssel VTS TODAY: hrs 0:30 1:00	es of changes of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks	Phil Morton Sel. & transit to s		ssel
UICOM VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:30 7:30	Additional Equi Project Variation Off Ve Mitchell Kennedy DIARY OF EVEL To 6:30 7:30 11:00	Geometrics G882 Magi pment ns (include notice ssel NTS TODAY: hrs 0:30 1:00 3:30	es of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations	Phil Morton Sel. & transit to s	survey location	ssel
Licom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:30 7:30 11:00	Additional Equi Project Variatic Off Ve Mitchell Kennedy DIARY OF EVEL To 6:30 7:30 11:00 12:00	Geometrics G882 Magi pment ns (include notice ssel NTS TODAY: hrs 0:30 1:00 3:30 1:00	es of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Conduct crew char	Phil Morton Sel. & transit to s	survey location	ssel
UICOM VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:30 7:30 11:00 12:00	Additional Equi Project Variatic Off Ve Mitchell Kennedy DIARY OF EVE To 6:30 7:30 11:00 12:00 17:00	Geometrics G882 Mage pment ns (include notice ssel NTS TODAY: hrs 0:30 1:00 3:30 1:00 5:00	es of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Conduct crew char Survey operations	Phil Morton sel. & transit to s	survey location	ssel
UICOM VRS RTK C6. C7. C7. Intronel: UIDD. From 6:00 6:30 7:30 11:00	Additional Equi Project Variatic Off Ve Mitchell Kennedy DIARY OF EVEL To 6:30 7:30 11:00 12:00	Geometrics G882 Magi pment ns (include notice ssel NTS TODAY: hrs 0:30 1:00 3:30 1:00	es of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Conduct crew char	Phil Morton sel. & transit to s	survey location	ssel
C7. C7. C7. C7. C7. C7. C7. C7. C7. C7.	Additional Equi Project Variatic Off Ve Mitchell Kennedy DIARY OF EVE To 6:30 7:30 11:00 12:00 17:00	Geometrics G882 Mage pment ns (include notice ssel NTS TODAY: hrs 0:30 1:00 3:30 1:00 5:00	es of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Conduct crew char Survey operations	Phil Morton sel. & transit to s	survey location	ssel
C7. ersonnel: quipment: DD. From 6:00 6:30 7:30 11:00 12:00	Additional Equi Project Variatic Off Ve Mitchell Kennedy DIARY OF EVE To 6:30 7:30 11:00 12:00 17:00	Geometrics G882 Mage pment ns (include notice ssel NTS TODAY: hrs 0:30 1:00 3:30 1:00 5:00	es of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Conduct crew char Survey operations	Phil Morton sel. & transit to s	survey location	ssel
C7. C7. C7. C7. C7. C7. C7. C7. C7. C7.	Additional Equi Project Variatic Off Ve Mitchell Kennedy DIARY OF EVE To 6:30 7:30 11:00 12:00 17:00	Geometrics G882 Mage pment ns (include notice ssel NTS TODAY: hrs 0:30 1:00 3:30 1:00 5:00	es of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Conduct crew char Survey operations	Phil Morton sel. & transit to s	survey location	ssel
UICOM VRS RTK C6. C7. Promel: UDD. From 6:00 6:30 7:30 11:00 12:00	Additional Equi Project Variatic Off Ve Mitchell Kennedy DIARY OF EVE To 6:30 7:30 11:00 12:00 17:00	Geometrics G882 Mage pment ns (include notice ssel NTS TODAY: hrs 0:30 1:00 3:30 1:00 5:00	es of changes of Code	Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Conduct crew char Survey operations	Phil Morton sel. & transit to s	survey location	ssel

EE.	PROJECT DATA	A:						
E1.	Time Summary	:						
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			30:00		30:00		20.83
Transit	Т							
Calibrations	С							
Operational	0			45:30	12:00	57:30		39.93
Weather Standby	W			20:30		20:30		14.24
Standby on Client				36:00		36:00		25.00
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime	SD							
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
			TOTAL	132:00	12:00	144:00		100.00%
Hrs. of [	Daily Operations	12				Check Value=	144.00	
	Survey Progres							
Description	, , ,	Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Recon		-15.50	7.104	25.00	40.50	roddy run	40.50	162.00%
Standby (Processing Day	ys)			3.00	3.00		3.00	100.00%
Cable Route Survey	, - ,	8.90		125.00	75.90	40.20	116.10	92.88%
Mobilization & Calibration	ns (Lump Sum)	0.00		1.00	1.00	40.20	1.00	100.00%
	TOTALS:	-6.60	TOTAL	154.00	120.40	40.20	160.60	104.29%
FF.		& Figures for Vesse	-				100.00	104.2370
					Previous	1403)		
				Incidents & Drills	Events	Today's Events	Events To Date	
			Proiec	t & HSE Briefings	1		1	
		Shin	-	e & Abandon Ship			2	
		Onip		Vessel guided tour			2	
		Μ		t / First Aid Cases				
		IV		Tool Box Meetings		1	11	
			I	Incident Reports		I	11	
				Near Miss Reports				
				-				
			-	vation Card (SOB)				
				Observation Card	2		2	
	No of su	rvey Man-Hours work	ed since start	of project or   TI	372:00	36:00	408:00	
GG.	VESSEL ROB's	-		•• p. • j••• • =	072.00	00.00	400.00	
00.			Fu	el (T)	Lube	e Oil (L)	· · · · · · · · · · · · · · · · · · ·	Water (T)
			-	- ( )				
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:					
NE winds 5 to 10 kt wit								
١١.	ANTICIPATED F	ROGRAM NEXT 24	HRS:					
Continue cable route s	urvey							
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
			· · · ·					
	For ALPINE					For	US Wind	
	1							
	mset	h						
	G. Matt Slusher							
	Survey Party Chie	ef)					(Client Represe	entative)
Vessel:		/illiam M.	Project No:	178	3	Date:	· ·	ctober 2017
Client:	US	Wind	Location:	Indian Riv	ver Bay	Report No.		012
				US Wind Expo	•	•		

<b>¢Al</b> r	Sine COMPANY						DAILY REPORT
Vessel: Client: Location: Project:		M/V William M. US Wind Indian River Bay Export Cable Route	Surveys	т	Project No odays Date Report No Start Date	:	1783 02 October 2017 13 20 September 2017
	All times are	EST		(GMT -	4:00	hrs)	· · · ·
		TION AT 24:00 HRS	•				
	Indian River Mari			38° 36' 46.47		Lonaitude:	75° 04' 26.01
	WEATHER:						
Time	BAROM	WINE	-	WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed kts	Dir	HEIGHT m	nmi	CONDS	
00:00 08:00		5-10	NE	calm	2+	Clear	
16:00		5-10	NE	calm	2+	Clear	
24:00		0.10		Juill	21	Cicai	
		·				•	•
	PERSONNEL &						
C1.	Alpine OSS Per	sonnel:					
	G. Matt Slusher		Surveyor:				
	Dennis Wilson Phil Morton		Analog Eng.			1	
Surveyor: C2.	Phil Morton Additional Pers	onnel	Analog Eng.			I	
-							
C3.	Client Personne	el:					
Client Rep.	<u> </u>						
C4.	Personnel On E	1	1				
ALPINE:	3	CLIENT:		VESSEL:		OTHERS:	TOTAL 3
C5.	ALPINE'S Equip	oment:					
planix POSMV		Sontek Castaway CTD				T	
getech 6205		QPS QINSy					
mble Nav Beacon DG	PS	Edgetech SB216P SBP	)				
uicom VRS RTK		Geometrics G882 Magn	netometer				
C6.	Additional Equi	pment					
07	Draiget Verietis	ons (include notice	a of changes a	f noroonnol / or	winmont)		
C7.	Off Ve		s of changes c	n personner / ec	uipinent)	On Ve	المعع
rsonnel:				Personnel:		0.110	
				Equipment:			
uipment:							
uipment:							
DD.							
DD. From	То	hrs	Code	Crew transit to ves	sel.		
<b>DD.</b> From 6:00	To 6:30	hrs 0:30	0	Crew transit to ves Pre-survey checks		urvey location	
DD. From 6:00 6:30	To 6:30 7:30	hrs 0:30 1:00	0 0	Pre-survey checks		urvey location	
<b>DD.</b> From 6:00	To 6:30	hrs 0:30	0 0 0		& transit to s	urvey location	
DD. From 6:00 6:30 7:30	To 6:30 7:30 10:00	hrs 0:30 1:00 2:30	0 0 0 0	Pre-survey checks Survey operations	& transit to s	urvey location	
DD. From 6:00 6:30 7:30 10:00	To 6:30 7:30 10:00 11:00	hrs 0:30 1:00 2:30 1:00	0 0 0 0 0	Pre-survey checks Survey operations Fuel vessel at mari	& transit to s na fuel dock		
DD. From 6:00 6:30 7:30 10:00 11:00	To 6:30 7:30 10:00 11:00 15:00	hrs 0:30 1:00 2:30 1:00 4:00	0 0 0 0 0	Pre-survey checks Survey operations Fuel vessel at mari Survey operations	& transit to s na fuel dock		
From 6:00 6:30 7:30 10:00 11:00	To 6:30 7:30 10:00 11:00 15:00	hrs 0:30 1:00 2:30 1:00 4:00	0 0 0 0 0	Pre-survey checks Survey operations Fuel vessel at mari Survey operations	& transit to s na fuel dock		
DD. From 6:00 6:30 7:30 10:00 11:00	To 6:30 7:30 10:00 11:00 15:00	hrs 0:30 1:00 2:30 1:00 4:00	0 0 0 0 0	Pre-survey checks Survey operations Fuel vessel at mari Survey operations	& transit to s na fuel dock		
DD. From 6:00 6:30 7:30 10:00 11:00	To 6:30 7:30 10:00 11:00 15:00	hrs 0:30 1:00 2:30 1:00 4:00	0 0 0 0 0	Pre-survey checks Survey operations Fuel vessel at mari Survey operations	& transit to s na fuel dock		
DD. From 6:00 6:30 7:30 10:00 11:00	To 6:30 7:30 10:00 11:00 15:00	hrs 0:30 1:00 2:30 1:00 4:00	0 0 0 0 0	Pre-survey checks Survey operations Fuel vessel at mari Survey operations	& transit to s na fuel dock		
DD. From 6:00 6:30 7:30 10:00 11:00	To 6:30 7:30 10:00 11:00 15:00	hrs 0:30 1:00 2:30 1:00 4:00	0 0 0 0 0	Pre-survey checks Survey operations Fuel vessel at mari Survey operations	& transit to s na fuel dock		

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			30:00		30:00		19.23
Transit	т							
Calibrations	С							
Operational	0			57:30	12:00	69:30		44.55
Weather Standby	W			20:30		20:30		13.14
Standby on Client	S			36:00		36:00		23.08
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
			TOTAL	144:00	12:00	156:00		100.00%
Hrs. of L	Daily Operations					Check Value=	156.00	
	Survey Progres							
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Recon		-15.50	,	25.00	40.50	. 2003 / 111	40.50	162.00%
Standby (Processing Day	vs)	10.00		3.00	3.00		3.00	100.00%
Cable Route Survey	y3)	11.00				10.00		
Mobilization & Calibration	ns (Lumn Sum)	-11.00		125.00 1.00	116.10 1.00	19.90	136.00	108.80% 100.00%
	, , ,	00.50	TOTAL			40.00	1.00	
	TOTALS:	-26.50 & Figures for Vesse		154.00	160.60	19.90	180.50	117.21%
FF.	SAFETY (Details	s & Figures for Vesse	el and Survey	Crews and Clien		ives)		
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	1		1	
		Chin	-	e & Abandon Ship				
		Ship		-	2		2	
		N		Vessel guided tour				
		IV		t / First Aid Cases			10	
				Fool Box Meetings	11	1	12	
				Incident Reports				
				Near Miss Reports				
			Savety Observ	vation Card (SOB)				
				Observation Card	2		2	
				-				
		rvey Man-Hours work	ed since start	of project or LTI.	408:00	36:00	444:00	
GG.	VESSEL ROB's	at 24:00hrs	5.	-1 (T)	Luka			М-4 ( <b>Т</b> )
			Fu	el (T)	LUDE	e Oil (L)		Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
		ATHER NEXT 24 HF	RS:					
E winds around 10 kt v								
		PROGRAM NEXT 24	HRS:					
Complete cable route s		•	·					
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
	Parlos							
4	Alt							
	G. Matt Slusher							
(5	Survey Party Chie						(Client Represe	,
Vessel:		/illiam M.	Project No:	178		Date:	02 O	ctober 2017
Client:	US	Wind	Location:	Indian Riv		Report No.		013
			Project:	<b>US Wind Expo</b>	rt Cable Rou	te Surveys		

<b>\$</b> Alr	DINE						DAILY REPORT
Vessel: Client: Location: Project:		M/V William M. US Wind Indian River Bay Export Cable Route	Surveys	٦	Project No odays Date Report No Start Date	:	1783 03 October 2017 14 20 September 2017
110,000.	All times are	EST		(GMT -		hrs)	
				(Chiri		1110)	
AA. Description:	VESSEL LOCA Indian River Mari	TION AT 24:00 HRS		38° 36' 46.47		Longitude:	75° 04' 26.01
						j	
BB.	WEATHER:		<u> </u>	····			I
Time (Local)	BAROM	WINE Speed kts	Dir	WAVE HEIGHT m	VISIB.	SKY CONDS	REMARKS
(Local) 00:00	mb	Speed kis	Dir		nmi	CONDS	
00:00		Calm	E	Calm	2+	Clear	
16:00		Calm	E	Calm	2+	Clear	
24:00		Count		Count		C.CO.	
		• 		· · · · · · · · · · · · · · · · · · ·		•	•
CC.	PERSONNEL &						
C1.	Alpine OSS Per	sonnel:	Sugar				
	G. Matt Slusher Dennis Wilson		Surveyor: Analog Eng.				
	Phil Morton		Analog Eng. Analog Eng.				
C2.	Additional Pers	onnel	7 shalog Erig.				
	•						
C3.	Client Personne	el:	•				
Client Rep.							
	Demonstration D	<b>N</b> = = = 4					
C4.	Personnel On E	soard:					
	2	CUENT.					
ALPINE:	3	CLIENT:		VESSEL:		OTHERS:	TOTAL 3
C5.				VESSEL:		OTHERS:	TOTAL 3
C5.	3 ALPINE'S Equip			VESSEL:		OTHERS:	TOTAL 3
C5. Dlanix POSMV getech 6205	ALPINE'S Equip	oment:		VESSEL:		OTHERS:	TOTAL 3
C5. planix POSMV getech 6205 mble Nav Beacon DG	ALPINE'S Equip	oment: Sontek Castaway CTD		VESSEL:		OTHERS:	TOTAL 3
C5. Dlanix POSMV getech 6205 nble Nav Beacon DG uicom VRS RTK	ALPINE'S Equip	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn		VESSEL:		OTHERS:	TOTAL 3
C5. planix POSMV getech 6205 mble Nav Beacon DG	ALPINE'S Equip	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn		VESSEL:		OTHERS:	TOTAL 3
C5. Dlanix POSMV getech 6205 nble Nav Beacon DG uicom VRS RTK	ALPINE'S Equip	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn		VESSEL:		OTHERS:	TOTAL 3
C5. Dlanix POSMV getech 6205 nble Nav Beacon DG uicom VRS RTK	ALPINE'S Equip	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn		VESSEL:		OTHERS:	TOTAL 3
C5. Dlanix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6.	ALPINE'S Equip	oment: Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment	ietometer		quipment)	OTHERS:	TOTAL 3
C5. Dlanix POSMV getech 6205 nble Nav Beacon DG uicom VRS RTK	ALPINE'S Equip	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment	ietometer		quipment)	OTHERS:	
C5. Dlanix POSMV getech 6205 nble Nav Beacon DG uicom VRS RTK C6. C7.	ALPINE'S Equip PS Additional Equi	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment	ietometer		quipment)		
C5. planix POSMV getech 6205 mble Nav Beacon DG icom VRS RTK C6. C7. rsonnel:	ALPINE'S Equip PS Additional Equi	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment	ietometer	of personnel / e	quipment)		
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel:	ALPINE'S Equip PS Additional Equi	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment	ietometer	of personnel / ed	quipment)		
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7.	ALPINE'S Equip PS Additional Equi	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment	ietometer	of personnel / e	quipment)		
C5. Dlanix POSMV getech 6205 mble Nav Beacon DG Jicom VRS RTK C6. C7. rsonnel: uipment:	ALPINE'S Equip PS Additional Equi Project Variatio Off Ve	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment	ietometer	of personnel / e	quipment)		
C5. planix POSMV getech 6205 mble Nav Beacon DG icom VRS RTK C6. C7. rsonnel:	ALPINE'S Equip PS Additional Equi	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment	ietometer	of personnel / e	quipment)		
C5. Dlanix POSMV getech 6205 mble Nav Beacon DG iicom VRS RTK C6. C7. rsonnel: uipment: DD.	ALPINE'S Equip PS Additional Equi Project Variatic Off Ve	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment ons (include notices ssel	etometer s of changes (	of personnel / e			
C5. Dlanix POSMV getech 6205 mble Nav Beacon DG iicom VRS RTK C6. C7. rsonnel: uipment: DD. From	ALPINE'S Equip PS Additional Equi Project Variatic Off Ve DIARY OF EVEL	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment ons (include notices ssel NTS TODAY: hrs	etometer s of changes of Code	of personnel / er Personnel: Equipment:	sel.	On Ve	
C5. Dlanix POSMV getech 6205 mble Nav Beacon DG iicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00	ALPINE'S Equip PS Additional Equi Project Variatio Off Ve DIARY OF EVEL To 6:15	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn Ipment ons (include notices ssel NTS TODAY: hrs 0:15	etometer s of changes of Code O	of personnel / er Personnel: Equipment: Crew transit to ves	sel. sel transit to s	On Ve	
C5. Dlanix POSMV getech 6205 mble Nav Beacon DG iicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:15	ALPINE'S Equip PS Additional Equi Project Variatio Off Ve DIARY OF EVEL To 6:15 6:45	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment ons (include notices ssel	s of changes of changes of Code	of personnel / ee Personnel: Equipment: Crew transit to ves Pre-survey checks	sel. sel transit to s	On Ve	
C5. Dlanix POSMV getech 6205 mble Nav Beacon DG iicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:15 6:45	ALPINE'S Equip PS Additional Equi Project Variation Off Ve DIARY OF EVEL To 6:15 6:45 11:00	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment ons (include notices ssel NTS TODAY: hrs 0:15 0:30 4:15	s of changes of changes of Code	of personnel / er Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations	sel. sel k transit to s	On Ve	
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:15 6:45 11:00	ALPINE'S Equip PS Additional Equi Project Variatic Off Ve DIARY OF EVE To 6:15 6:45 11:00 11:15	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment ons (include notices ssel NTS TODAY: hrs 0:15 0:30 4:15 0:15	s of changes of changes of Code	of personnel / er Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina	sel. sel k transit to s	On Ve	
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:15 6:45 11:00	ALPINE'S Equip PS Additional Equi Project Variatic Off Ve DIARY OF EVE To 6:15 6:45 11:00 11:15	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment ons (include notices ssel NTS TODAY: hrs 0:15 0:30 4:15 0:15	s of changes of changes of Code	of personnel / er Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina	sel. sel k transit to s	On Ve	
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:15 6:45 11:00	ALPINE'S Equip PS Additional Equi Project Variatic Off Ve DIARY OF EVE To 6:15 6:45 11:00 11:15	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment ons (include notices ssel NTS TODAY: hrs 0:15 0:30 4:15 0:15	s of changes of changes of Code	of personnel / er Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina	sel. sel k transit to s	On Ve	
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:15 6:45 11:00	ALPINE'S Equip PS Additional Equi Project Variatic Off Ve DIARY OF EVE To 6:15 6:45 11:00 11:15	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment ons (include notices ssel NTS TODAY: hrs 0:15 0:30 4:15 0:15	s of changes of changes of Code	of personnel / er Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina	sel. sel k transit to s	On Ve	
C5. planix POSMV getech 6205 mble Nav Beacon DG uicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:15 6:45 11:00	ALPINE'S Equip PS Additional Equi Project Variatic Off Ve DIARY OF EVE To 6:15 6:45 11:00 11:15	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment ons (include notices ssel NTS TODAY: hrs 0:15 0:30 4:15 0:15	s of changes of changes of Code	of personnel / er Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina	sel. sel k transit to s	On Ve	
C5. Dlanix POSMV getech 6205 nble Nav Beacon DG iicom VRS RTK C6. C7. rsonnel: uipment: DD. From 6:00 6:15 6:45 11:00	ALPINE'S Equip PS Additional Equi Project Variatic Off Ve DIARY OF EVE To 6:15 6:45 11:00 11:15	Sontek Castaway CTD QPS QINSy Edgetech SB216P SBP Geometrics G882 Magn ipment ons (include notices ssel NTS TODAY: hrs 0:15 0:30 4:15 0:15	s of changes of changes of Code	of personnel / er Personnel: Equipment: Crew transit to ves Pre-survey checks Survey operations Return to marina	sel. sel k transit to s	On Ve	

EE.	PROJECT DATA	A:						
E1.	Time Summary	:						
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			30:00		30:00		17.86
Transit	т							
Calibrations								
Operational				69:30	12:00	81:30		48.51
Weather Standby				20:30		20:30		12.20
Standby on Client				36:00		36:00		21.43
Vessel Downtime				00.00		00.00		21.10
Port Standby								
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO		TOTAL	450.00	10.00	400.00		400.00%
ling of l	Daily Operations		TUTAL	156:00	12:00	168:00 Check Value=	400.00	100.00%
		12		Cumu	ative nours	Check value=	168.00	
	Survey Progres	1	•	<b>T</b> 1 1 1				
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Recon		-15.50		25.00	40.50		40.50	162.00%
Standby (Processing Day	ys)			3.00	3.00		3.00	100.00%
Cable Route Survey		-22.30		125.00	136.00	11.30	147.30	117.84%
Mobilization & Calibration	ns (Lump Sum)			1.00	1.00		1.00	100.00%
	TOTALS:		TOTAL	154.00	180.50	11.30	191.80	124.55%
FF.	<b>SAFETY</b> (Details	s & Figures for Vesse	el and Survey	Crews and Clien	t Representat	tives)		
				Incidents & Drills	Previous	Todovla Eventa	Events To Date	
					Events	Today's Events	Events To Date	
			Projec	ct & HSE Briefings	1		1	
		Ship	s Drill, MOB, Fir	e & Abandon Ship	2		2	
			N N	Vessel guided tour				
		N	ledical Treatmen	nt / First Aid Cases				
			-	Tool Box Meetings	12	1	13	
				Incident Reports				
			1	Vear Miss Reports				
				vation Card (SOB)				
			-	Observation Card	2		2	
				-				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	444:00	36:00	480:00	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	iel (T)	Lube	e Oil (L)		Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 H	RS:					
N winds around 5 kt								
١١.	ANTICIPATED F	PROGRAM NEXT 24	1 HRS:					
Transit to Alpine office			-					
		COMMENTS: (Opt	tional)					
		view completed today.		will recover vessel	and travel bac	k to Alpine's offoce	e in New Jersev.	
КК.	REPRESENTAT	IVE'S COMMENTS:	(Ontional)					
<u> </u>	REIREGENTAT	IVE O COMMENTO.	(Optional)					
						Гат	US Wind	
	For ALPINE					For		
	ansel							
	114							
	G. Matt Slusher							
	Survey Party Chie		_				(Client Represe	
Vessel:		/illiam M.	Project No:	178		Date:	03 O	ctober 2017
Client:	US	Wind	Location:		-	Report No.		014
			Project:	US Wind Expo	rt Cable Rou	to Survove		

<b>¢A</b> lķ	Dine						DAILY REPORT
Vessel: Client: Location:		M/V William M. US Wind Indian River Bay		Т	Project No odays Date Report No	:	1783 04 October 2017 15
Project:	US Wind E	Export Cable Route	Surveys		Start Date	:	20 September 2017
	All times are	EST		(GMT -	4:00	hrs)	
AA.	VESSEL LOCA Indian River Mari	TION AT 24:00 HRS	-	38° 36' 46.47		Longitudo	75° 04' 26.01
Description.		lia	Latitude.	30 30 40.47		Longitude.	75 04 20.01
BB.	WEATHER:			1			
Time	BAROM	WINI		WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	
00:00 08:00		n/a	n/a	n/a	2+	Clear	
16:00		n/a n/a	n/a n/a	n/a n/a	2+	Clear	
24:00		1να	11/0	ινα	27	Uical	
		<u> </u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·		•	
CC.	PERSONNEL &						
C1. Party Chief:	Alpine OSS Per G. Matt Slusher	rsonnel:	Surveyor:				
	Dennis Wilson		Analog Eng.				
	Phil Morton		Analog Eng.			1	
C2.	Additional Pers	sonnel					
	•						
C3.	Client Personne	el:					
Client Rep.							
C4.	Personnel On E	Board					
ALPINE:	3	CLIENT		VESSEL:		OTHERS:	TOTAL 3
ALT INE.	5	GEIEINI	•	VEGGEL.		OTTERO.	
C5.	ALPINE'S Equi	pment:					
olanix POSMV		Sontek Castaway CTD					
getech 6205		QPS QINSy					
nble Nav Beacon DG	PS	Edgetech SB216P SBF					
Joom VDC DTV		Geometrics G882 Magr	netometer				
C6.	Additional Equ	ipment					
	Additional Equ	ipment					
C6.							
	Project Variatic	ons (include notice	s of changes o	of personnel / ec	uipment)		
C6. C7.		ons (include notice	s of changes o		uipment)	On Ve	ssel
C6. C7.	Project Variatic	ons (include notice	s of changes o	of personnel / ec Personnel:	uipment)	On Ve	ssel
C6. C7. rsonnel:	Project Variatic	ons (include notice	s of changes o	Personnel:	juipment)	On Ve:	ssel
C6. C7. rsonnel:	Project Variatic	ons (include notice	s of changes o		juipment)	On Ve	ssel
C6. C7.	Project Variatic	ons (include notice	s of changes o	Personnel:	juipment)	On Ve	ssel
C6. C7. rsonnel:	Project Variatic	ons (include notice essel	s of changes o	Personnel:	juipment)	On Ve	ssel
C6. C7. rsonnel: uipment: DD. From	Project Variatio Off Ve DIARY OF EVE	NTS TODAY:	Code	Personnel: Equipment:		On Ve	ssel
C6. C7. rsonnel: uipment: DD. From 6:00	Project Variatic Off Ve DIARY OF EVE To 6:30	NTS TODAY: hrs 0:30	Code O	Personnel: Equipment: Crew tranisit to ves	sel		ssel
C6. C7. rsonnel: uipment: DD. From 6:00 6:30	Project Variatic Off Ve DIARY OF EVE To 6:30 8:30	NTS TODAY: hrs 0:30 2:00	Code O O	Personnel: Equipment: Crew tranisit to ves Prepare vessel for	sel transit to Alpi		ssel
C6. C7. rsonnel: uipment: DD. From 6:00 6:30 8:30	Project Variatic Off Ve DIARY OF EVE To 6:30 8:30 13:30	NTS TODAY: hrs 0:30 2:00 5:00	Code O O O	Personnel: Equipment: Crew tranisit to ves Prepare vessel for Arrive at Alpine off	sel transit to Alpi ce	ne office	ssel
C6. C7. rsonnel: uipment: DD. From 6:00 6:30	Project Variatic Off Ve DIARY OF EVE To 6:30 8:30	NTS TODAY: hrs 0:30 2:00	Code O O	Personnel: Equipment: Crew tranisit to ves Prepare vessel for	sel transit to Alpi ce	ne office	ssel
C6. C7. rsonnel: uipment: DD. From 6:00 6:30 8:30	Project Variatic Off Ve DIARY OF EVE To 6:30 8:30 13:30	NTS TODAY: hrs 0:30 2:00 5:00	Code O O O	Personnel: Equipment: Crew tranisit to ves Prepare vessel for Arrive at Alpine off	sel transit to Alpi ce	ne office	ssel
C6. C7. ersonnel: uuipment: DD. From 6:00 6:30 8:30	Project Variatic Off Ve DIARY OF EVE To 6:30 8:30 13:30	NTS TODAY: hrs 0:30 2:00 5:00	Code O O O	Personnel: Equipment: Crew tranisit to ves Prepare vessel for Arrive at Alpine off	sel transit to Alpi ce	ne office	ssel
C6. C7. ersonnel: uuipment: DD. From 6:00 6:30 8:30	Project Variatic Off Ve DIARY OF EVE To 6:30 8:30 13:30	NTS TODAY: hrs 0:30 2:00 5:00	Code O O O	Personnel: Equipment: Crew tranisit to ves Prepare vessel for Arrive at Alpine off	sel transit to Alpi ce	ne office	ssel
C7. ersonnel: juipment: DD. From 6:00 6:30 8:30	Project Variatic Off Ve DIARY OF EVE To 6:30 8:30 13:30	NTS TODAY: hrs 0:30 2:00 5:00	Code O O O	Personnel: Equipment: Crew tranisit to ves Prepare vessel for Arrive at Alpine off	sel transit to Alpi ce	ne office	ssel
C6. C7. rsonnel: uipment: DD. From 6:00 6:30 8:30	Project Variatic Off Ve DIARY OF EVE To 6:30 8:30 13:30	NTS TODAY: hrs 0:30 2:00 5:00	Code O O O	Personnel: Equipment: Crew tranisit to ves Prepare vessel for Arrive at Alpine off	sel transit to Alpi ce	ne office	ssel
C6. C7. rsonnel: uipment: DD. From 6:00 6:30 8:30	Project Variatic Off Ve DIARY OF EVE To 6:30 8:30 13:30	NTS TODAY: hrs 0:30 2:00 5:00	Code O O O	Personnel: Equipment: Crew tranisit to ves Prepare vessel for Arrive at Alpine off	sel transit to Alpi ce	ne office	ssel
C6. C7. rsonnel: uipment: DD. From 6:00 6:30 8:30	Project Variatic Off Ve DIARY OF EVE To 6:30 8:30 13:30	NTS TODAY: hrs 0:30 2:00 5:00	Code O O O	Personnel: Equipment: Crew tranisit to ves Prepare vessel for Arrive at Alpine off	sel transit to Alpi ce	ne office	ssel

EE.	PROJECT DATA	<b>\:</b>						
E1.	Time Summary							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М			30:00		30:00		16.67
Transit	Т							
Calibrations	С							
Operational	0			81:30	12:00	93:30		51.94
Weather Standby	W			20:30		20:30		11.39
Standby on Client	S			36:00		36:00		20.00
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time								
MMO Shutdown	MMO							
			TOTAL	168:00	12:00	180:00		100.00%
Hrs. of L	Daily Operations	12		Cumul	ative Hours	Check Value=	180.00	
E2.	Survey Progres	s:						
Description		Km Left	Area	Total Km	Km Prev	Today Km	Km To Date	% Completed
Recon		-15.50		25.00	40.50		40.50	162.00%
Standby (Processing Day	ys)			3.00	3.00		3.00	100.00%
Cable Route Survey		-22.30		125.00	147.30		147.30	117.84%
Mobilization & Calibration	ns (Lump Sum)			1.00	1.00		1.00	100.00%
	TOTALS:	-37.80	TOTAL	154.00	191.80		191.80	124.55%
FF.		& Figures for Vesse				tives)		
	, v		,		Previous			
				Incidents & Drills	Events	Today's Events	Events To Date	
			Projec	ct & HSE Briefings	1		1	
		Ship	s Drill, MOB, Fir	e & Abandon Ship	2		2	
			N N	Vessel guided tour				
		Ν	ledical Treatmen	t / First Aid Cases				
			-	Tool Box Meetings	13		13	
				Incident Reports			-	
			1	Vear Miss Reports				
				vation Card (SOB)				
			<b>,</b>	Observation Card	2		2	
				-	-		-	
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	480:00	36:00	516:00	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	iel (T)	Lube	e Oil (L)	N	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:					
	-							
II.	ANTICIPATED F	ROGRAM NEXT 24	HRS:					
		COMMENTS: (Opt	ional)					
Data collection portion of	f the project is comple	ted.						
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE					For	US Wind	
	Malas							
4	mgg	3						
	· ·							
	G. Matt Slusher							
(5	Survey Party Chie						(Client Represe	,
Vessel:		/illiam M.	Project No:	178		Date:	04 O	ctober 2017
Client:	US	Wind	Location:	Indian Riv		Report No.		015
I			Project:	US Wind Expo	rt Cable Rou	te Surveys		



## Daily Progress Reports Inshore Geotechnical Survey

<b>SAI</b>							DAILY REPORT	-
Vessel: Client: Location: Project:	: : Inc	MV George US Wind/ESS dian River Bay - DE 1783 IRB Geotech		T	Project No: odays Date: Report No: Start Date:	:	1783 06 October 2017 1 06 October 2017	
	All times are	EST		(GMT -	5:00	hrs)		
AA.		TION AT 24:00 HRS:						
Description:	: Indian River Mari	na	Latitude:	38°36.743'N		Longitude:	75°04.380	
BB.	WEATHER:							
Time	BAROM	WIND	)	WAVE	VISIB.	SKY	DEMA	
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMAR	{KS
00:00		10-15	S	.1	10	clear	Sunr	ıy
08:00								
16:00			 	ļ				
24:00								
CC.	PERSONNEL &	FOUIDMENT						
CC.	Alpine OSS Per							
	Bill Rottner		Survevor:	Mitch Kennedy				
Shift Supervisor			Analog Eng.					
	David Reynolds		Analog Eng.					
C2.	Additional Pers	onnel				·		
C3.	Client Personne	el:						
Client Rep.	Michael Phillips							
C4.	Personnel On B							
ALPINE	: 3	CLIENT:	l	VESSEL:	George	OTHERS:		#VALUE!
C5.	ALPINE'S Equip	mont						
C5. Alpine M Vibracore	ALFINE O LYON	Hemipshere All in one DO	GPS			T		
Compressor		Day Grab				1		
Gardline Camera						1		
				1		1		
C6.	Additional Equi	pment						
C7.		ons (include notices	of changes of	f personnel / eq	uipment)			
	Off Ve	ssel				On Ves	sel	
Personnel:				Personnel:				
<b>Faultum ent</b> i				<b>Faula mont</b>				
Equipment:				Equipment:				
DD.	DIARY OF EVEN	NTS TODAY:		1			1	NSERT A ROW
From	То	hrs	Code					
7:00	19:00	12:00		vibracoring locatio	n 12, 4, 5 and	d 6.		
1			ı I					

EE.	PROJECT DATA	<b>\:</b>						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М							
Transit	т							
perational Lump Sum	OLS				12:00	12:00		100.00
Dperational Daily Rate	ODR							
Weather Standby								
Standby on Client								
Vessel Downtime								
Port Standby								
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO		TOTAL		40.00	40.00		400.00%
line of	Daily Operations		TUTAL		12:00	12:00		100.00%
	Daily Operations			Cumi	liative nours	Check value=	24.00	
	Survey Progres		•		<b>^ -</b>			INSERT A ROW
Description		Cores Left	Area	Total Cores	Cores Prev	Today Cores	Cores To Date	% Completed
Vibracores		33.00		45.00		12.00	12.00	26.67%
Grabs		15.00		15.00				
Camera		15.00		15.00				
Vibracore/Camera/Grabs		8.00		8.00				
	TOTALS:	71.00		83.00		12.00	12.00	14.46%
FF.	<b>SAFETY</b> (Details	& Figures for Vesse	and Survey	Crews and Client	Representat	ives)		
				Incidents & Drills	Previous	Today's Events	Events To Date	
					Events	roddy'o Eronio		
				t & HSE Briefings		1	1	
		Ships	Drill, MOB, Fire	e & Abandon Ship				
			V	essel guided tour				
		Me	dical Treatment	t / First Aid Cases				
			Т	ool Box Meetings		1	1	
				Incident Reports				
			N	lear Miss Reports				
			Savety Observ	vation Card (SOB)				
				Observation Card				
				-				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.		#VALUE!	#VALUE!	
GG.	VESSEL ROB's	at 24:00hrs				•		
			Fu	el (T)	Lube	e Oil (L)		Water (T)
		Start of Project						
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HR	S:					
10-25 mph winds. Wi	ind is supposed to p	oick up Saturday aftern	oon. No rain					
П.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
vibracoring			-					
JJ.	PARTY CHIEF'S	COMMENTS: (Opti	onal)					
				SO watch at 8am ar	nd coompleted th	e watch at 9am. W	e saw a seal at approx	kimately 8:15 beyond 200
meters from the vessel n								PSO watch was 5 to 6 pm
with no observations.								
KK.	REPRESENTAT	IVE'S COMMENTS:	(Ontional)					
			(0)0000					
	For ALPINE					For	US Wind/ESS	
-							·	
	/							
۷	1							
	Bill Rottner						Michael Phi	llips
(5	Survey Party Chie	f)					(Client Represe	-
Vessel:		George	Project No:	178	3	Date:		ctober 2017
•		-	•					

Client:	US Wind/ESS	Location:	Indian River Bay - DE	Report No.	001
		Project: 1	783 IRB Geotech		

<b>S</b> Alp							DAILY REP	ORT
Vessel: Client: Location: Project:	: Inc	MV George US Wind/ESS dian River Bay - DE 1783 IRB Geotech		Т	Project No odays Date Report No Start Date	9: ):	1783 07 October : 2 06 October :	
	All times are	EST		(GMT -	5:00	hrs)		
AA.		TION AT 24:00 HRS:						
Description:	Indian River Mari	na	Latitude:	38°36.743'N		Longitude:	75°04.380	
BB.	WEATHER:							
Time	BAROM	WIND	)	WAVE	VISIB.	SKY		
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	R	EMARKS
00:00		5-10	s	<.1	10	clear		
08:00								
16:00		25	S	.6	10	clouds	drastic increa	se in wind/bay waves
24:00								
CC.	PERSONNEL &	EQUIPMENT:						
C1.	Alpine OSS Per	sonnel:						
Party Chief:	W. Rottner		Surveyor:	M. Kennedy				
Shift Supervisor:			Analog Eng.					
	Dave Reynolds		Analog Eng.					
C2.	Additional Pers	onnel						
C3.	Client Personne	۶.						
Client Rep.	M. Phillips							
C4.	Personnel On B	oard:						
ALPINE	3	CLIENT:		VESSEL:		OTHERS:		TOTAL 3
05								
C5. Alpine M Vibracore	ALPINE'S Equip	Hemipshere All in one D	CPS					
Compressor		Day Grab	GFG					
Gardline Camera		,						
C6.	Additional Equi	pment						
C7.	Project Variatio	ns (include notices	of changes o	of personnel / equ	upment)	On Ves	aal	
Personnel:		3361		Personnel:		On ves	5361	
Equipment:				Equipment:				
DD.								
From	To	hrs	Code	cored				
6:00	18:00	12:00	OLS	colea				
I	1	I	l	I				

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization								
Transit								
perational Lump Sum				12:00	12:00	24:00		100.00
Operational Daily Rate								
Weather Standby								
Standby on Client								
Vessel Downtime								
Port Standby								
Survey Downtime								
Maintenance time	MT							
Disputed Time								
MMO Shutdown	MMO		TOTAL	40.00	10:00	04:00		400.00%
Hro of I	Daily Operations		TOTAL	12:00	12:00	24:00 Check Value=	40.00	100.00%
E2.	Daily Operations			Cumu	lative nours	Check value=	48.00	
E2. Description	Survey Progres		A 100	Tatal Carea	Cares Dray	Taday Carea	Carea Ta Data	0/ Completed
Vibracores		Cores Left	Area	Total Cores	Cores Prev	Today Cores	Cores To Date	% Completed
Grabs		17.00 15.00		45.00 15.00	12.00	16.00	28.00	62.22%
Camera								
Vibracore/Camera/Grabs	(Daily Pata)	15.00		15.00				
Vibracore/Carriera/Grabs	TOTALS:	8.00 55.00	TOTAL	8.00 83.00	12.00	16.00	28.00	33.73%
FF.		& Figures for Vesse					28.00	33.73%
		s a lightes for vesse		Siews and Onem		1463)		
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Proiec	t & HSE Briefings	1	1	2	
		Ships	-	& Abandon Ship			_	
				essel guided tour				
		Ме		/ First Aid Cases				
			т	ool Box Meetings	1	1	2	
				Incident Reports				
			N	lear Miss Reports				
				ation Card (SOB)				
			-	Observation Card				
				-				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	#VALUE!	36:00	#VALUE!	
GG.	VESSEL ROB's	at 24:00hrs				•		•
			Fu	el (T)	Lube	e Oil (L)	,	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.		ATHER NEXT 24 HF	RS:					
Increased winds and r	•							
<b>II.</b>	ANTICIPATED P	PROGRAM NEXT 24	HRS:					
coring								
JJ.		COMMENTS: (Opti		increased to a point	wave conditions	ware wreafs and a	anationa ware storne	d. As a note we did an asymptot
								d. As a note we did encounter afternoon and Monday are
forecasted to have 30 kn	ot winds which will no	t allow us to stay on static	n and to be able to	o safely transit acros	s the bay. We w	vill assess conditions	s as they come.	
КК.		IVE'S COMMENTS:	(Optional)					
<u> </u>	REFRESENTAT	IVE 3 COMMENTS.	(Optional)					
	For ALPINE					For	US Wind/ESS	
						FOr	55 milu/200	
/	/ /							
	14							
	W. Rottner						M. Phillip	)S
(5	Survey Party Chie	f)					(Client Represe	
Vessel:		George	Project No:	178	3	Date:		ctober 2017
V 63361.			1.15/001140.	.70	-	Date.	0, 0	

Client:	US Wind/ESS	Location: Indian River Bay - DE	Report No.	002
		Project: 1783 IRB Geotech		

<b>S</b> Ak								RT
Vessel:		MV George			Project No	r:	1783	
Client:		US Wind/ESS		г	odays Date		08 October 201	7
Location:	Inc	lian River Bay - DE			Report No		3	
Project:	1	783 IRB Geotech			Start Date	e	06 October 201	7
	All times are	EST		(GMT -	5:00	hrs)		
AA.	VESSEL LOCAT	ION AT 24:00 HRS:	•					
Description:	Indian River Mari	na	Latitude:	38°36.743'N		Longitude:	75°04.380	
BB.	WEATHER:							
Time	BAROM	WIND	)	WAVE	VISIB.	SKY	REM	ARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS		
00:00		10-20	s	.5	10	cloudy		
08:00								
16:00								
24:00								
CC.	PERSONNEL &							
C1.	Alpine OSS Per	sonnel:	T			1		
Party Chief:				M. Kennedy				
Shift Supervisor:			Analog Eng.					
	Dave Reynolds		Analog Eng.					
C2.	Additional Perso	onnel						
C3.	Client Personne	l:	1					
Client Rep.	M. Phillips							
C4.	Personnel On B			T T				
C4. ALPINE:	Personnel On B 3	oard: CLIENT:		VESSEL:		OTHERS:		TOTAL 3
ALPINE:	3	CLIENT:		VESSEL:		OTHERS:		TOTAL 3
ALPINE:	3 ALPINE'S Equip	CLIENT:	ł	VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. Alpine M Vibracore	3 ALPINE'S Equip	CLIENT: ment: Hemipshere All in one DO	ł	VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor	3 ALPINE'S Equip	CLIENT:	ł	VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. Alpine M Vibracore	3 ALPINE'S Equip	CLIENT: ment: Hemipshere All in one DO	ł	VESSEL:		OTHERS:		TOTAL 3
ALPINE: <b>C5.</b> Alpine M Vibracore Compressor Gardline Camera	3 ALPINE'S Equip	CLIENT: ment: Hemipshere All in one Do Day Grab	ł	VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor	3 ALPINE'S Equip	CLIENT: ment: Hemipshere All in one Do Day Grab	ł	VESSEL:		OTHERS:		TOTAL 3
ALPINE: <b>C5.</b> Alpine M Vibracore Compressor Gardline Camera	3 ALPINE'S Equip	CLIENT: ment: Hemipshere All in one Do Day Grab	ł	VESSEL:		OTHERS:		TOTAL 3
ALPINE: <b>C5.</b> Alpine M Vibracore Compressor Gardline Camera	3 ALPINE'S Equip	CLIENT: ment: Hemipshere All in one Do Day Grab	ł	VESSEL:		OTHERS:		TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6.	3 ALPINE'S Equip Additional Equi	CLIENT: ment: Hemipshere All in one Do Day Grab	GPS		uinmont)	OTHERS:		TOTAL 3
ALPINE: <b>C5.</b> Alpine M Vibracore Compressor Gardline Camera	3 ALPINE'S Equip Additional Equip Project Variation	CLIENT: ment: Hemipshere All in one Do Day Grab pment ns (include notices	GPS		uipment)			TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7.	3 ALPINE'S Equip Additional Equi	CLIENT: ment: Hemipshere All in one Do Day Grab pment ns (include notices	GPS	of personnel / eq	uipment)	OTHERS:	sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6.	3 ALPINE'S Equip Additional Equip Project Variation	CLIENT: ment: Hemipshere All in one Do Day Grab pment ns (include notices	GPS		uipment)		sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel:	3 ALPINE'S Equip Additional Equip Project Variation	CLIENT: ment: Hemipshere All in one Do Day Grab pment ns (include notices	GPS	of personnel / eq Personnel:	uipment)		sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7.	3 ALPINE'S Equip Additional Equip Project Variation	CLIENT: ment: Hemipshere All in one Do Day Grab pment ns (include notices	GPS	of personnel / eq	uipment)		sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel:	3 ALPINE'S Equip Additional Equip Project Variation	CLIENT: ment: Hemipshere All in one Do Day Grab pment ns (include notices	GPS	of personnel / eq Personnel:	uipment)		sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment:	3 ALPINE'S Equip Additional Equip Project Variation Off Ves	CLIENT: ment: Hemipshere All in one Di Day Grab oment ns (include notices ssel	GPS	of personnel / eq Personnel:	uipment)		sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment: DD.	3 ALPINE'S Equip Additional Equip Project Variation Off Ves	CLIENT: ment: Hemipshere All in one Do Day Grab pment ns (include notices ssel ITS TODAY:	GPS of changes of	of personnel / eq Personnel:	uipment)		sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment:	3 ALPINE'S Equip Additional Equip Project Variation Off Ves	CLIENT: ment: Hemipshere All in one Di Day Grab oment ns (include notices ssel	GPS	of personnel / eq Personnel:	uipment)		sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment: DD. From	3 ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: Hemipshere All in one Di Day Grab poment ns (include notices ssel ITS TODAY: hrs	GPS of changes c	of personnel / eq Personnel: Equipment:	uipment)		sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment: DD.	3 ALPINE'S Equip Additional Equip Project Variation Off Ves	CLIENT: ment: Hemipshere All in one Dr Day Grab pment ns (include notices ssel ITS TODAY:	GPS of changes of	of personnel / eq Personnel:	uipment)		ssel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment: DD. From	3 ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: Hemipshere All in one Di Day Grab poment ns (include notices ssel ITS TODAY: hrs	GPS of changes c	of personnel / eq Personnel: Equipment:	uipment)		ssel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment: DD. From	3 ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: Hemipshere All in one Di Day Grab poment ns (include notices ssel ITS TODAY: hrs	GPS of changes c	of personnel / eq Personnel: Equipment:	uipment)		sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment: DD. From	3 ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: Hemipshere All in one Di Day Grab poment ns (include notices ssel ITS TODAY: hrs	GPS of changes c	of personnel / eq Personnel: Equipment:	uipment)		sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment: DD. From	3 ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: Hemipshere All in one Di Day Grab poment ns (include notices ssel ITS TODAY: hrs	GPS of changes c	of personnel / eq Personnel: Equipment:	uipment)		sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment: DD. From	3 ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: Hemipshere All in one Di Day Grab poment ns (include notices ssel ITS TODAY: hrs	GPS of changes c	of personnel / eq Personnel: Equipment:	uipment)		sel	TOTAL 3
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment: DD. From	3 ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: Hemipshere All in one Di Day Grab poment ns (include notices ssel ITS TODAY: hrs	GPS of changes c	of personnel / eq Personnel: Equipment:	uipment)		sel	
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment: DD. From	3 ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: Hemipshere All in one Di Day Grab poment ns (include notices ssel ITS TODAY: hrs	GPS of changes c	of personnel / eq Personnel: Equipment:	uipment)		sel	
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment: DD. From	3 ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: Hemipshere All in one Di Day Grab poment ns (include notices ssel ITS TODAY: hrs	GPS of changes c	of personnel / eq Personnel: Equipment:	uipment)		sel	
ALPINE: C5. Alpine M Vibracore Compressor Gardline Camera C6. C7. Personnel: Equipment: DD. From	3 ALPINE'S Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To	CLIENT: ment: Hemipshere All in one Di Day Grab poment ns (include notices ssel ITS TODAY: hrs	GPS of changes c	of personnel / eq Personnel: Equipment:	uipment)		sel	

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М							
Transit	Т							
perational Lump Sum	OLS			24:00	11:00	35:00		100.00
Derational Daily Rate	ODR							
Weather Standby								
Standby on Client								
Vessel Downtime								
Port Standby								
Survey Downtime	SD							
-								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
			TOTAL	24:00	11:00	35:00		100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	72.00	
	Survey Progres	1		I				I
Description		Cores Left	Area	Total Cores	Cores Prev	Today Cores	Cores To Date	% Completed
Vibracores		10.00		45.00	28.00	7.00	35.00	77.78%
Grabs		15.00		15.00				
Camera		15.00		15.00				
Vibracore/Camera/Grabs	s (Daily Rate)	8.00		8.00				
	TOTALS:	48.00	TOTAL	83.00	28.00	7.00	35.00	42.17%
FF.	SAFETY (Details	& Figures for Vesse	el and Survey (	Crews and Clien	Representat	ives)		
				Incidents & Drills	Previous	Ta dauda Europea	Events To Data	
				incluents & Dhiis	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	2		2	
		Ships	Drill, MOB, Fire	e & Abandon Ship				
			V	essel guided tour				
		Me	dical Treatment	t / First Aid Cases				
			т	ool Box Meetings	2	1	3	
				Incident Reports				
			Ν	vear Miss Reports				
				vation Card (SOB)				
			-	Observation Card				
				Observation Caru				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	#VALUE!	33:00	#VALUE!	
GG.	VESSEL ROB's	-						
			Fu	iel (T)	Lube	e Oil (L)	· · · · · ·	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs ATHER NEXT 24 HR						
HH. 15-25 mph winds thur		ATHER NEXT 24 HP	(5:					
			LIDC.					
II. Vibracoring	ANTICIPATED	PROGRAM NEXT 24						
			ional)					
		days total is 16 cores. To		wind were a challen	ae Site 11 is ha	rd packed sand whi	ch was discussed with	Mike P as we took two
								It, 8alt were completed today
for 7 cores. Tough cndition	ons.							
			( <b>a</b> , i) <b>b</b>					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
						For	US Wind/ESS	
	For ALPINE					⊢or	55 WIIIU/E33	
	/ /							
۷.								
	W. Rottner	0					M. Phillip	
	Survey Party Chie						(Client Represe	
Vessel:	MV	George	Project No:	178	3	Date:	08 O	ctober 2017

Client:	US Wind/ESS	Location: Indian River Bay	- DE Report No.	003
		Project: 1783 IRB Geotech		

<b>S</b> Alp							DAILY REP	ORT
Vessel Client Location	:	MV George US Wind/ESS dian River Bay - DE		т	Project No odays Date Report No	e:	1783 09 October : 4	2017
Project	: 1	1783 IRB Geotech			Start Date	:	06 October	2017
	All times are	EST		(GMT -	5:00	hrs)		
<b>AA.</b>		TION AT 24:00 HRS:		20826 742151		1 N 1	75004 200	
Description	Indian River Mari	na	Latitude:	38°36.743'N		Longitude:	75 04.380	
BB.	WEATHER:							
Time	BAROM	WIND		WAVE	VISIB.	SKY	R	EMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS		
00:00 08:00		25	S	.5	8	cloudy		windy
16:00								
24:00								
	·	·		·		·		
CC.	PERSONNEL &							
C1.	Alpine OSS Per	sonnel:		Millerneite				
Party Chief Shift Supervisor	W. Rottner		Surveyor: Analog Eng.	M. Kennedy				
	Dave Reynolds		Analog Eng.					
C2.	Additional Pers	onnel	/ Indiog Eng.			-		
C3.	Client Personne	el:						
Client Rep.	M. Phillips							
C4.	Personnel On B	oard						
ALPINE		CLIENT:		VESSEL:		OTHERS:		TOTAL 3
				ļ				
C5.	ALPINE'S Equip							
Alpine M Vibracore		Hemipshere All in one D	GPS					
		Day Grab						
Gardline Camera								
C6.	Additional Equi	pment						
	7							
C7.	•	ns (include notices	of changes o	f personnel / equ	uipment)			
Development	Off Ve	ssel		Deve en els		On Ves	sel	
Personnel:				Personnel:				
Equipment:				Equipment:				
DD.	DIARY OF EVEN	ITS TODAY:						
From	То	hrs	Code	, de en en ele el				
6:00	15:00	9:00	OLS	vibracoring				
		1		1				

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	м							
Transit	т							
perational Lump Sum				35:00	9:00	44:00		100.00
Operational Daily Rate	ODR							
Weather Standby								
Standby on Client								
Vessel Downtime								
Port Standby								
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time MMO Shutdown								
WIWO Shuldown	MMO		TOTAL	35:00	9:00	44:00		100.00%
Hrs of I	Daily Operations		TOTAL			Check Value=	96.00	100.00 %
	Survey Progres			Cullu		Oneck value=	90.00	
Description	ourvey rrogres	Cores Left	Area	Total Cores	Cores Prev	Today Cores	Cores To Date	% Completed
Vibracores		3.00	7100	45.00	35.00	7.00	42.00	93.33%
Grabs		15.00		15.00				
Camera		15.00		15.00				
Vibracore/Camera/Grabs	s (Daily Rate)	8.00		8.00				
	TOTALS:	41.00	TOTAL	83.00	35.00	7.00	42.00	50.60%
FF.	<b>SAFETY</b> (Details	& Figures for Vesse	el and Survey (	Crews and Clien	Representat	ives)		
				Incidents & Drills	Previous	Tadayés Evente	Evente Te Dete	
				Incidents & Dhiis	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	2		2	
		Ships	Drill, MOB, Fire	e & Abandon Ship				
				essel guided tour				
		Me	dical Treatment	/ First Aid Cases				
			Т	ool Box Meetings	3	1	4	
				Incident Reports				
				lear Miss Reports				
			-	ation Card (SOB)				
				Observation Card				
	No. of our	rvey Man-Hours work	ad airea atart	-		07.00		
GG.	VESSEL ROB's	-	eu since start	or project or ETI.	#VALUE!	27:00	#VALUE!	
66.	VESSEE ROD'S	at 24.00113	Fu	el (T)	Lube	e Oil (L)	· · · · · · · · · · · · · · · · · · ·	Water (T)
			14		Lubo	5 Oli (L)	,	
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS:					
Calmer weather 5mph	wind from west							
II.	ANTICIPATED P	ROGRAM NEXT 24	HRS:					
Vibracoring								
		COMMENTS: (Opt	ional)					
Tough conditions: Cores	s completed at location	ns IRB16,irb 15alt, 14 alt.						
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
						_		
	For ALPINE					For	US Wind/ESS	
	1 1	1						
	LR							
	W Batterra						M DLI	
10	W. Rottner Survey Party Chie	af)					M. Phillip (Client Represe	
			Drojoct Mar	178	2	Deter		ctober 2017
Vessel:	IVI V	George	Project No:	1/8	5	Date:	09.0	

Client:	US Wind/ESS	Location:	Indian River Bay - DE	Report No.	004
		Project: 1	783 IRB Geotech		

\$ AK	Dine						DAILY REPORT
Vessel: Client:		MV George US Wind/ESS		т	Project No odays Date		1783 10 October 2017
Location:		ian River Bay - DI	E		Report No		5
Project:	1	783 IRB Geotech		Start Date:			06 October 2017
	All times are	EST		(GMT -	5:00	hrs)	
AA.		ION AT 24:00 HRS					
Description:	Indian River Marin	a	Latitude	e: 38°36.743'N		Longitude:	75°04.380
BB.	WEATHER:						
Time	BAROM	WINI	D	WAVE	VISIB.	SKY	DEMARKO
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	REMARKS
00:00		5-10	NW	0.25	10	Clear	Sunny
08:00	└─────────────────	5-10	NW	0.25	10	Clear	Sunny
16:00	├	5-10	E	0.25	10	Clear	Sunny
24:00							
CC.	PERSONNEL & E	EQUIPMENT:					
C1.	Alpine OSS Pers						
Party Chief:	Mitchell Kennedy		Surveyo	r: David Reynolds			
Shift Supervisor:			Analog Eng				
	Dario Manchia		Analog Eng	g.			
C2.	Additional Perso	onnel					
C3. Client Rep.	Client Personnel Mike Phillips	:					
C4.	Personnel On Bo	oard:					
ALPINE:	3	CLIENT	:	VESSEL:		OTHERS:	TOTAL 3
C5.	ALPINE'S Equip	mont					
	ALFINE 5 Equip	inent.					
ine M Vibracore							
nisphere DGPS							
nisphere DGPS npressor							
ine M Vibracore nisphere DGPS npressor <b>C6.</b>	Additional Equip	oment					
nisphere DGPS npressor	Additional Equip	oment					
nisphere DGPS npressor	Additional Equip	oment					
nisphere DGPS npressor			s of changes	of personnel / eq	uipment)		
nisphere DGPS npressor <b>C6.</b>		ns (include notices	s of changes	of personnel / eq	uipment)	On Ves	ssel
nisphere DGPS npressor C6. C7.	Project Variation	ns (include notices	s of changes		uipment) Dario Manc		ssel
nisphere DGPS npressor C6. C7. rsonnel:	Project Variation Off Ves	ns (include notices	s of changes	Personnel:			ssel
nisphere DGPS npressor <b>C6.</b>	Project Variation Off Ves	ns (include notices	s of changes				ssel
nisphere DGPS npressor C6. C7. rsonnel:	Project Variation Off Ves	ns (include notices	s of changes	Personnel:			ssel
nisphere DGPS npressor C6. C7. rsonnel:	Project Variation Off Ves	as (include notices sel	s of changes	Personnel:			ssel
nisphere DGPS npressor C6. C7. rsonnel: uipment:	Project Variation Off Ves Bill Rottner	as (include notices sel	s of changes	Personnel: Equipment:	Dario Manc	hia	ssel
nisphere DGPS npressor C6. C7. sonnel: uipment: DD.	Project Variation Off Ves Bill Rottner DIARY OF EVEN To 9:00	ns (include notices sel TS TODAY: hrs 1:00	Code OLS	Personnel: Equipment: Transit to marina a	Dario Manc	hia	ssel
nisphere DGPS npressor C6. C7. rsonnel: uipment: DD. From 8:00 9:00	Project Variation Off Ves Bill Rottner DIARY OF EVEN To 9:00 10:00	ts (include notices sel TS TODAY: hrs 1:00 1:00	Code OLS OLS	Personnel: Equipment: Transit to marina a Pre-survey PSO w	Dario Manc	ite.	
nisphere DGPS npressor C6. C7. Sonnel: Jipment: DD. From 8:00 9:00 10:00	Project Variation Off Ves Bill Rottner DIARY OF EVEN To 9:00 10:00 13:15	ts (include notices sel TS TODAY: hrs 1:00 1:00 3:15	Code OLS OLS OLS OLS	Personnel: Equipment: Transit to marina a Pre-survey PSO w Vibracore operatio	Dario Manc and survey s vatch ons. Stations	hia	
nisphere DGPS npressor C6. C7. C7. C7. Sonnel: Lipment: DD. From 8:00 9:00 10:00 13:15	Project Variation Off Ves Bill Rottner DIARY OF EVEN To 9:00 10:00 13:15 14:00	ts (include notices sel TS TODAY: hrs 1:00 1:00 3:15 0:45	Code OLS OLS OLS OLS OLS	Personnel: Equipment: Transit to marina a Pre-survey PSO w Vibracore operatio Crew change / had	Dario Manc and survey s vatch ns. Stations ndover.	hia ite. VC-IRB-24 and VC	-IRB-11-ALT.
DGPS           npressor           C6.           C7.           sonnel:           uipment:           DD.           From           8:00           9:00           10:00           13:15           14:00	Project Variation Off Ves Bill Rottner DIARY OF EVEN To 9:00 10:00 13:15 14:00 17:52	tis (include notices sel TS TODAY: hrs 1:00 1:00 3:15 0:45 3:52	Code OLS OLS OLS OLS OLS ODR	Personnel: Equipment: Transit to marina a Pre-survey PSO w Vibracore operatio Crew change / hai Vibracore operatio	Dario Manc Dario Manc and survey s vatch ons. Stations ndover. ons. Stations	ite.	-IRB-11-ALT.
nisphere DGPS npressor C6. C7. Sonnel: Jipment: DD. From 8:00 9:00 10:00 13:15 14:00 17:52	Project Variation Off Ves Bill Rottner DIARY OF EVEN To 9:00 10:00 13:15 14:00 17:52 18:52	ts (include notices sel TS TODAY: hrs 1:00 1:00 3:15 0:45 3:52 1:00	Code OLS OLS OLS OLS ODR OLS	Personnel: Equipment: Transit to marina a Pre-survey PSO w Vibracore operatio Crew change / hau Vibracore operatio Post-survey PSO	Dario Manc and survey s vatch ons. Stations ndover. ons. Stations watch.	hia ite. VC-IRB-24 and VC VC-IRB-13-ALT an	-IRB-11-ALT. d VC-IRB-14-ALT.
DGPS           npressor           C6.           C7.           sonnel:           uipment:           DD.           From           8:00           9:00           10:00           13:15           14:00	Project Variation Off Ves Bill Rottner DIARY OF EVEN To 9:00 10:00 13:15 14:00 17:52	tis (include notices sel TS TODAY: hrs 1:00 1:00 3:15 0:45 3:52	Code OLS OLS OLS OLS OLS ODR	Personnel: Equipment: Transit to marina a Pre-survey PSO w Vibracore operatio Crew change / hau Vibracore operatio Post-survey PSO	Dario Manc and survey s vatch ons. Stations ndover. ons. Stations watch.	hia ite. VC-IRB-24 and VC	-IRB-11-ALT. d VC-IRB-14-ALT.
nisphere DGPS npressor C6. C7. rsonnel: uipment: DD. From 8:00 9:00 10:00 13:15 14:00 17:52	Project Variation Off Ves Bill Rottner DIARY OF EVEN To 9:00 10:00 13:15 14:00 17:52 18:52	ts (include notices sel TS TODAY: hrs 1:00 1:00 3:15 0:45 3:52 1:00	Code OLS OLS OLS OLS ODR OLS	Personnel: Equipment: Transit to marina a Pre-survey PSO w Vibracore operatio Crew change / hau Vibracore operatio Post-survey PSO	Dario Manc and survey s vatch ons. Stations ndover. ons. Stations watch.	hia ite. VC-IRB-24 and VC VC-IRB-13-ALT an	-IRB-11-ALT. d VC-IRB-14-ALT.
nisphere DGPS npressor C6. C7. rsonnel: uipment: DD. From 8:00 9:00 10:00 13:15 14:00 17:52	Project Variation Off Ves Bill Rottner DIARY OF EVEN To 9:00 10:00 13:15 14:00 17:52 18:52	ts (include notices sel TS TODAY: hrs 1:00 1:00 3:15 0:45 3:52 1:00	Code OLS OLS OLS OLS ODR OLS	Personnel: Equipment: Transit to marina a Pre-survey PSO w Vibracore operatio Crew change / hau Vibracore operatio Post-survey PSO	Dario Manc and survey s vatch ons. Stations ndover. ons. Stations watch.	hia ite. VC-IRB-24 and VC VC-IRB-13-ALT an	-IRB-11-ALT. d VC-IRB-14-ALT.
nisphere DGPS npressor C6. C7. rsonnel: uipment: DD. From 8:00 9:00 10:00 13:15 14:00 17:52	Project Variation Off Ves Bill Rottner DIARY OF EVEN To 9:00 10:00 13:15 14:00 17:52 18:52	ts (include notices sel TS TODAY: hrs 1:00 1:00 3:15 0:45 3:52 1:00	Code OLS OLS OLS OLS ODR OLS	Personnel: Equipment: Transit to marina a Pre-survey PSO w Vibracore operatio Crew change / hau Vibracore operatio Post-survey PSO	Dario Manc and survey s vatch ons. Stations ndover. ons. Stations watch.	hia ite. VC-IRB-24 and VC VC-IRB-13-ALT an	-IRB-11-ALT. d VC-IRB-14-ALT.
nisphere DGPS npressor C6. C7. Sonnel: uipment: DD. From 8:00 9:00 10:00 13:15 14:00 17:52	Project Variation Off Ves Bill Rottner DIARY OF EVEN To 9:00 10:00 13:15 14:00 17:52 18:52	ts (include notices sel TS TODAY: hrs 1:00 1:00 3:15 0:45 3:52 1:00	Code OLS OLS OLS OLS ODR OLS	Personnel: Equipment: Transit to marina a Pre-survey PSO w Vibracore operatio Crew change / hau Vibracore operatio Post-survey PSO	Dario Manc and survey s vatch ons. Stations ndover. ons. Stations watch.	hia ite. VC-IRB-24 and VC VC-IRB-13-ALT an	-IRB-11-ALT. d VC-IRB-14-ALT.

					-	-		
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization								
Transit								00.40
rational Lump Sum				44:00	8:08	52:08		93.10
erational Daily Rate					3:52	3:52		6.90
Weather Standby								
Standby on Client								
Vessel Downtime								
Port Standby								
Survey Downtime								
Maintenance time								
Disputed Time								
MMO Shutdown	MMO							
			TOTAL	44:00	12:00	56:00		100.00%
	Daily Operations			Cumu	lative Hours	Check Value=	120.00	
	Survey Progres				<u> </u>		<u> </u>	
escription		Cores Left	Area	Total Cores	Cores Prev	Today Cores	Cores To Date	% Completed
bracores				45.00	42.00	3.00	45.00	100.00%
abs		15.00		15.00				
amera		15.00		15.00				
bracore/Camera/Grabs		4.00		11.00		7.00	7.00	63.64%
	TOTALS:	34.00	TOTAL	86.00	42.00	10.00	52.00	60.47%
FF.	SAFETY (Details	& Figures for Vess	el and Survey	Crews and Clien	·	ives)		
				Incidents & Drills	Previous Events	Today's Events	Events To Date	
			Proiec	t & HSE Briefings	2		2	
		Ships		e & Abandon Ship	_		-	
				essel guided tour				
		Me		t / First Aid Cases				
		With the second s		ool Box Meetings	4	1	5	
				Incident Reports	-		5	
			Ν	lear Miss Reports				
				vation Card (SOB)				
			-	Observation Card				
				Observation Card				
	No. of su	rvey Man-Hours work	ed since start	of project or LTI.	#VALUE!	36:00	#VALUE!	
GG.	VESSEL ROB's	at 24:00hrs			I		1	
			Fu	el (T)	Lube	e Oil (L)	V	Vater (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.		ATHER NEXT 24 H						
		and chance of thunde						
П.		ROGRAM NEXT 24	HRS:					
	ons if weather permi	ts.						
rab sample operatio	-							
rab sample operatio	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
Grab sample operatio	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
rab sample operatio JJ.		COMMENTS: (Opt						
rab sample operatio JJ.								
rab sample operatio JJ.	REPRESENTAT							
rab sample operatio JJ.						For	US Wind/ESS	
rab sample operatio JJ.	REPRESENTAT					For	US Wind/ESS	
rab sample operatio JJ. KK.	For ALPINE	IVE'S COMMENTS:				For		
rab sample operatio JJ. KK.	For ALPINE	IVE'S COMMENTS:				For	Mike Philli	
irab sample operatio JJ. KK.	For ALPINE For ALPINE Mitchell Kennedy Survey Party Chie	IVE'S COMMENTS:	(Optional)		2		Mike Philli (Client Represer	ntative)
irab sample operatio JJ. KK.	For ALPINE For ALPINE Mitchell Kennedy Survey Party Chie MV	IVE'S COMMENTS:				For Date: Report No.	Mike Philli (Client Represer	

\$) AIK	Dine						DAILY REPORT
Vessel: Client:	-	MV George US Wind/ESS		٢	Project No Todays Date		1783 11 October 2017
Location:		ian River Bay - DE	1		Report No	):	6
Project:	1	783 IRB Geotech			Start Date	:	06 October 2017
	All times are	EST		(GMT -	5:00	hrs)	
AA. Description:	VESSEL LOCATI	ION AT 24:00 HRS	-	: 38°36.743'N		Longitude:	75°04.380
Decemption			200000			_0g	
BB.	WEATHER:			1			
Time	BAROM		1	WAVE	VISIB.	SKY	REMARKS
(Local) 00:00	mb	Speed mph 15	Dir E	HEIGHT m 0.5	nmi 8	CONDS	Rain
00:00	├	15	E	0.5	8	Cloudy Cloudy	Rain
16:00	├	20	E	0.75	5	Cloudy	Rain
24:00		20		0.70	5	Cioudy	i kuin
	· · · · · ·		·	·		·	
CC.	PERSONNEL & E						
C1. Party Chief:	Alpine OSS Pers Mitch Kennedy	sonnel:	Surveyor				
	Dario Manchia		Analog Eng				
	David Reynolds		Analog Eng				
C2.	Additional Perso	onnel				1	
C3.	Client Personnel	:	1				
Client Rep.	Mike Phillips						
C4.	Personnel On Bo	ard					
ALPINE:	3	CLIENT:	1	VESSEL:		OTHERS:	TOTAL 4
,		02.2.11				0112100	
C5.	ALPINE'S Equip	ment:					
nisphere DGPS							
•							
•							
•							
Grab	Additional Equin	mont					
Grab C6.	Additional Equip						
Grab C6.	Additional Equip						
Grab C6.							
Grab C6.	ocessing Equipment		s of changes o	of personnel / eq	uipment)		
Grab C6. S Grab Sample Pro C7.	ocessing Equipment	ns (include notices	s of changes of			On Ves	ssel
C6. C6. S Grab Sample Pro	Project Variation	ns (include notices	s of changes o		uipment) Mike Phillip		ssel
C6. S Grab Sample Pro C7. sonnel:	Project Variation Off Ves	ns (include notices sel	s of changes of	Personnel:	Mike Phillip	S	
Grab C6. S Grab Sample Pro	Project Variation	ns (include notices sel	s of changes of	Personnel:	Mike Phillip		
C6. S Grab Sample Pro C7. sonnel:	Project Variation Off Ves	ns (include notices sel	s of changes o	Personnel:	Mike Phillip	S	
C6. S Grab Sample Pro C7. sonnel:	Project Variation Off Ves	ns (include notices sel re	s of changes (	Personnel:	Mike Phillip	S	
Grab C6. Grab Sample Pro C7. sonnel: ipment: DD. From	Project Variation Off Ves Alpine M Vibracor DIARY OF EVEN	ns (include notices sel re TS TODAY: hrs	Code	Personnel: Equipment:	Mike Phillip Day Grab ar	s nd ESS processing	g equipment
Grab C6. Grab Sample Pro C7. Sonnel: ipment: DD. From 6:00	Project Variation Off Ves Alpine M Vibracor DIARY OF EVEN To 9:20	re TS TODAY: hrs 3:20	Code OLS	Personnel: Equipment: Demob vibracore	Mike Phillip Day Grab ar equipment a	s nd ESS processing nd mob grab samp	g equipment
Grab C6. Grab Sample Pro C7. Sonnel: ipment: DD. From 6:00 9:20	Project Variation Off Ves Alpine M Vibracor DIARY OF EVEN To 9:20 10:20	re TS TODAY: hrs 3:20 1:00	Code OLS OLS	Personnel: Equipment: Demob vibracore Pre-survey PSO v	Mike Phillip Day Grab ar equipment a vatch / transi	s nd ESS processing nd mob grab samp t to survey site.	g equipment
Grab C6. Grab Sample Pro C7. C7. Sonnel:  ipment: DD. From 6:00 9:20 10:20	Project Variation Off Ves Alpine M Vibracor DIARY OF EVEN To 9:20 10:20 16:34	re TS TODAY: hrs 3:20 1:00 6:14	Code OLS OLS OLS	Personnel: Equipment: Demob vibracore Pre-survey PSO v Grab Sample Ops	Mike Phillip Day Grab ar equipment a vatch / transi s. Completted	s nd ESS processing nd mob grab samp t to survey site. d 15 stations.	<b>j equipment</b> le equipment.
Grab C6. Grab Sample Pro C7. C7. Sonnel: ipment: DD. From 6:00 9:20 10:20 16:34	Project Variation Off Ves Alpine M Vibracor DIARY OF EVEN To 9:20 10:20 16:34 17:01	re TS TODAY: hrs 3:20 1:00 6:14 0:27	Code OLS OLS OLS OLS ODR	Personnel: Equipment: Demob vibracore Pre-survey PSO v Grab Sample Ops Grab Sample Ops	Mike Phillip Day Grab ar equipment a vatch / transi s. Completteo s daily rate. S	s nd ESS processing nd mob grab samp t to survey site. d 15 stations. ttations BG-IRB-22	<b>j equipment</b> le equipment.
Grab C6. Grab Sample Pro C7. C7. sonnel: ipment: DD. From 6:00 9:20 10:20	Project Variation Off Ves Alpine M Vibracor DIARY OF EVEN To 9:20 10:20 16:34	re TS TODAY: hrs 3:20 1:00 6:14	Code OLS OLS OLS	Personnel: Equipment: Demob vibracore Pre-survey PSO v Grab Sample Ops	Mike Phillip Day Grab ar equipment a vatch / transi s. Completteo s daily rate. S	s nd ESS processing nd mob grab samp t to survey site. d 15 stations. ttations BG-IRB-22	<b>j equipment</b> le equipment.
C6.           8 Grab Sample Pro           C7.           sonnel:           iipment:           DD.           From           6:00           9:20           10:20           16:34	Project Variation Off Ves Alpine M Vibracor DIARY OF EVEN To 9:20 10:20 16:34 17:01	re TS TODAY: hrs 3:20 1:00 6:14 0:27	Code OLS OLS OLS OLS ODR	Personnel: Equipment: Demob vibracore Pre-survey PSO v Grab Sample Ops Grab Sample Ops	Mike Phillip Day Grab ar equipment a vatch / transi s. Completteo s daily rate. S	s nd ESS processing nd mob grab samp t to survey site. d 15 stations. ttations BG-IRB-22	<b>j equipment</b> le equipment.
Grab           C6.           3 Grab Sample Pro           C7.           sonnel:           iipment:           DD.           From           6:00           9:20           10:20           16:34	Project Variation Off Ves Alpine M Vibracor DIARY OF EVEN To 9:20 10:20 16:34 17:01	re TS TODAY: hrs 3:20 1:00 6:14 0:27	Code OLS OLS OLS OLS ODR	Personnel: Equipment: Demob vibracore Pre-survey PSO v Grab Sample Ops Grab Sample Ops	Mike Phillip Day Grab ar equipment a vatch / transi s. Completted s daily rate. S	s nd ESS processing nd mob grab samp t to survey site. d 15 stations. ttations BG-IRB-22	<b>j equipment</b> le equipment.
C6.           8 Grab Sample Pro           C7.           sonnel:           iipment:           DD.           From           6:00           9:20           10:20           16:34	Project Variation Off Ves Alpine M Vibracor DIARY OF EVEN To 9:20 10:20 16:34 17:01	re TS TODAY: hrs 3:20 1:00 6:14 0:27	Code OLS OLS OLS OLS ODR	Personnel: Equipment: Demob vibracore Pre-survey PSO v Grab Sample Ops Grab Sample Ops	Mike Phillip Day Grab ar equipment a vatch / transi s. Completted s daily rate. S	s nd ESS processing nd mob grab samp t to survey site. d 15 stations. ttations BG-IRB-22	<b>j equipment</b> le equipment.
C6.           8 Grab Sample Pro           C7.           sonnel:           iipment:           DD.           From           6:00           9:20           10:20           16:34	Project Variation Off Ves Alpine M Vibracor DIARY OF EVEN To 9:20 10:20 16:34 17:01	re TS TODAY: hrs 3:20 1:00 6:14 0:27	Code OLS OLS OLS OLS ODR	Personnel: Equipment: Demob vibracore Pre-survey PSO v Grab Sample Ops Grab Sample Ops	Mike Phillip Day Grab ar equipment a vatch / transi s. Completted s daily rate. S	s nd ESS processing nd mob grab samp t to survey site. d 15 stations. ttations BG-IRB-22	<b>j equipment</b> le equipment.
Grab           C6.           3 Grab Sample Pro           C7.           sonnel:           iipment:           DD.           From           6:00           9:20           10:20           16:34	Project Variation Off Ves Alpine M Vibracor DIARY OF EVEN To 9:20 10:20 16:34 17:01	re TS TODAY: hrs 3:20 1:00 6:14 0:27	Code OLS OLS OLS OLS ODR	Personnel: Equipment: Demob vibracore Pre-survey PSO v Grab Sample Ops Grab Sample Ops	Mike Phillip Day Grab ar equipment a vatch / transi s. Completted s daily rate. S	s nd ESS processing nd mob grab samp t to survey site. d 15 stations. ttations BG-IRB-22	<b>j equipment</b> le equipment.
Grab C6. Grab Sample Pro C7. C7. Sonnel:  iipment: DD. From 6:00 9:20 10:20 16:34	Project Variation Off Ves Alpine M Vibracor DIARY OF EVEN To 9:20 10:20 16:34 17:01	re TS TODAY: hrs 3:20 1:00 6:14 0:27	Code OLS OLS OLS OLS ODR	Personnel: Equipment: Demob vibracore Pre-survey PSO v Grab Sample Ops Grab Sample Ops	Mike Phillip Day Grab ar equipment a vatch / transi s. Completted s daily rate. S	s nd ESS processing nd mob grab samp t to survey site. d 15 stations. ttations BG-IRB-22	<b>j equipment</b> le equipment.

E1.	PROJECT DATA	K:						
	Time Summary:							
				Previous	Today	Total		
	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М							
Transit	т							
erational Lump Sum	OLS			52:08	10:34	62:42		92.09
erational Daily Rate	ODR			3:52	1:31	5:23		7.91
Weather Standby	W							
Standby on Client	S							
Vessel Downtime	VD							
Port Standby	PS							
Survey Downtime	SD							
Maintenance time	MT							
Disputed Time	DT							
MMO Shutdown	MMO							
			TOTAL	56:00	12:05	68:05		100.00%
Hrs. of D	aily Operations	24		Cumu	lative Hours	Check Value=	144.00	
E2.	Survey Progress	s:						
escription		Cores Left	Area	Total Cores	Cores Prev	Today Cores	Cores To Date	% Completed
oracores				45.00	45.00		45.00	100.00%
abs				15.00		15.00	15.00	100.00%
amera		15.00		15.00				
bracore/Camera/Grabs	(Daily Rate)	2.00		11.00	7.00	2.00	9.00	81.82%
	TOTALS:	17.00	TOTAL	86.00	52.00	17.00	69.00	80.23%
FF.	SAFETY (Details	& Figures for Vesse	el and Survey (	Crews and Clien	t Representat	ives)	<b>_</b>	
				Incidents & Drills	Previous	Today's Events	Events To Date	
				incidents & Dillis	Events	Today's Events	Evenis To Date	
			Projec	t & HSE Briefings	2		2	
		Ships	Drill, MOB, Fire	e & Abandon Ship				
			V	essel guided tour				
		Me	dical Treatment	t / First Aid Cases				
			Т	ool Box Meetings	5	1	6	
				Incident Reports				
			N	lear Miss Reports				
			Savety Observ	ation Card (SOB)				
				Observation Card				
				-				
	No. of sur	rvey Man-Hours work	ed since start	of project or LTI.	#VALUE!	48:20	#VALUE!	
GG.	VESSEL ROB's	at 24:00hrs						
			Fu	el (T)	Lube	e Oil (L)	V	Vater (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
		ATHER NEXT 24 HF						
		of the East. Rain likely						
		ROGRAM NEXT 24	HRS:					
own on weather. Und								
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
	REPRESENTAT	IVE'S COMMENTS:	(Optional)					
KK.								
KK.								
KK.	For ALPINE					For	US Wind/ESS	
KK.								
КК.		I						
КК.								
	Mitch Kennedy						Mike Philli	
	Mitch Kennedy urvey Party Chie						(Client Represer	ntative)
	Mitch Kennedy survey Party Chie MV (	f) George /ind/ESS	Project No:	178 Indian River		Date: Report No.	(Client Represer	

<b>s Al</b> r							DAILY REPORT
Vessel: Client:	<u> </u>	MV George US Wind/ESS		Т	Project No odays Date	<b>:</b> :	1783 12 October 2017
Location: Project:		lian River Bay - DE 783 IRB Geotech			Report No Start Date		7 06 October 2017
	All times are	EST		(GMT -	5:00	hrs)	
AA.	VESSEL LOCAT	ION AT 24:00 HRS:	:				
Description:	Indian River Marin	na	Latitude:	38°36.743'N		Longitude:	75°04.380
BB.	WEATHER:						
Time	BAROM	WIND		WAVE	VISIB.	SKY	REMARKS
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS	
00:00		25-30	E	1	5	Cloudy	At dock.
08:00	├	25-30	E	1	5	Cloudy	At dock.
16:00 24:00	├	25-30	E	1	5	Cloudy	At dock.
∠ <del>4</del> .00	1					I	
CC.	PERSONNEL & I	EQUIPMENT:					
	Alpine OSS Pers	sonnel:					
	Mitch Kennedy		Surveyor:				
	Dario Manchia		Analog Eng.				
	David Reynolds		Analog Eng.				
C2.	Additional Perso	onnei					
	Personnel On Be			VESSEL			
C4. ALPINE:	Personnel On Be 3	oard: CLIENT:		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5.		CLIENT:		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. hisphere DGPS	3 ALPINE'S Equip	CLIENT:		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. nisphere DGPS	3 ALPINE'S Equip	CLIENT:		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. nisphere DGPS dline Underwater Car	3 ALPINE'S Equip mera System	CLIENT:		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. nisphere DGPS dline Underwater Car	3 ALPINE'S Equip	CLIENT:		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. nisphere DGPS dline Underwater Car	3 ALPINE'S Equip mera System	CLIENT:		VESSEL:		OTHERS:	TOTAL 3
ALPINE: C5. nisphere DGPS dline Underwater Car C6.	3 ALPINE'S Equip mera System Additional Equip Project Variation	CLIENT: ment: oment ns (include notices	of changes o		uipment)		
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7.	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves	CLIENT: ment: oment ns (include notices	of changes o	f personnel / eq	uipment)	OTHERS:	
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7.	3 ALPINE'S Equip mera System Additional Equip Project Variation	CLIENT: ment: oment ns (include notices	of changes o		uipment)		
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. rsonnel:	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips	CLIENT: ment: oment ns (include notices		f personnel / eq Personnel:			ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. rsonnel: uipment:	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl	CLIENT: ment: poment ns (include notices issel e Processing Equipt		f personnel / eq Personnel:		On Ves	ssel
ALPINE: C5. misphere DGPS dline Underwater Car C6. C7. rsonnel: uipment: DD.	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN	CLIENT: ment: poment oment sel e Processing Equip ITS TODAY:	ment	f personnel / eq Personnel:		On Ves	ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. Sonnel: uipment: DD. From	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN To	CLIENT: ment: oment ns (include notices isel e Processing Equip ITS TODAY: hrs	ment Code	f personnel / eq Personnel:	Gardline Un	On Ves	ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. rsonnel: uipment: DD. From 7:00	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN To 10:00	CLIENT: ment: poment oment e Processing Equips its TODAY: hrs 3:00	ment Code OLS	f personnel / eq Personnel: Equipment:	Gardline Un	On Ves	ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. Sonnel: uipment: DD. From	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN To	CLIENT: ment: oment ns (include notices isel e Processing Equip ITS TODAY: hrs	ment Code	f personnel / eq Personnel: Equipment: Mobalize and test	Gardline Un	On Ves	ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. rsonnel: uipment: DD. From 7:00	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN To 10:00	CLIENT: ment: poment oment e Processing Equips its TODAY: hrs 3:00	ment Code OLS	f personnel / eq Personnel: Equipment: Mobalize and test	Gardline Un	On Ves	ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. sonnel: uipment: DD. From 7:00	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN To 10:00	CLIENT: ment: poment oment e Processing Equips its TODAY: hrs 3:00	ment Code OLS	f personnel / eq Personnel: Equipment: Mobalize and test	Gardline Un	On Ves	ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. rsonnel: uipment: DD. From 7:00	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN To 10:00	CLIENT: ment: poment oment e Processing Equips its TODAY: hrs 3:00	ment Code OLS	f personnel / eq Personnel: Equipment: Mobalize and test	Gardline Un	On Ves	ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. sonnel: uipment: DD. From 7:00	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN To 10:00	CLIENT: ment: poment oment e Processing Equips its TODAY: hrs 3:00	ment Code OLS	f personnel / eq Personnel: Equipment: Mobalize and test	Gardline Un	On Ves	ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. rsonnel: uipment: DD. From 7:00	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN To 10:00	CLIENT: ment: poment oment e Processing Equips its TODAY: hrs 3:00	ment Code OLS	f personnel / eq Personnel: Equipment: Mobalize and test	Gardline Un	On Ves	ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. rsonnel: uipment: DD. From 7:00	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN To 10:00	CLIENT: ment: poment oment e Processing Equips its TODAY: hrs 3:00	ment Code OLS	f personnel / eq Personnel: Equipment: Mobalize and test	Gardline Un	On Ves	ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. rsonnel: uipment: DD. From 7:00	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN To 10:00	CLIENT: ment: poment oment e Processing Equips its TODAY: hrs 3:00	ment Code OLS	f personnel / eq Personnel: Equipment: Mobalize and test	Gardline Un	On Ves	ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. sonnel: uipment: DD. From 7:00	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN To 10:00	CLIENT: ment: poment oment e Processing Equips its TODAY: hrs 3:00	ment Code OLS	f personnel / eq Personnel: Equipment: Mobalize and test	Gardline Un	On Ves	ssel
ALPINE: C5. nisphere DGPS dline Underwater Car C6. C7. rsonnel: uipment: DD. From 7:00	3 ALPINE'S Equip mera System Additional Equip Project Variation Off Ves Mike Phillips ESS Grab Sampl DIARY OF EVEN To 10:00	CLIENT: ment: poment oment e Processing Equips its TODAY: hrs 3:00	ment Code OLS	f personnel / eq Personnel: Equipment: Mobalize and test	Gardline Un	On Ves	ssel

EE.	PROJECT DATA	A:						
E1.	Time Summary:							
				Previous	Today	Total		
Rate	Code			Hours	Hours	Hours		Percent of Total
Mobilization	М							
Transit								
perational Lump Sum	OLS			62:42	3:00	65:42		82.04
Operational Daily Rate	ODR			5:23		5:23		6.72
Weather Standby					9:00	9:00		11.24
Standby on Client								
Vessel Downtime	VD							
Port Standby								
Survey Downtime	SD MT							
Maintenance time								
Disputed Time MMO Shutdown	DT MMO							
		<u> </u>	TOTAL	68:05	12:00	80:05		100.00%
Hrs of I	Daily Operations		TOTAL			Check Value=	168.00	100.0070
E2.	Survey Progress						100100	
Description		Cores Left	Area	Total Cores	Cores Prev	Today Cores	Cores To Date	% Completed
Vibracores				45.00	45.00	,	45.00	100.00%
Grabs				15.00	15.00		15.00	100.00%
Camera		15.00		15.00				
Vibracore/Camera/Grabs	(Daily Rate)	2.00		11.00	9.00		9.00	81.82%
	TOTALS:	17.00	TOTAL	86.00	69.00		69.00	80.23%
FF.	SAFETY (Details	& Figures for Vesse	el and Survey (	Crews and Clien	t Representat	ives)		
				Incidents & Drills	Previous	Tadarda Franka	Events To Data	
				incidents & Dhiis	Events	Today's Events	Events To Date	
			Projec	t & HSE Briefings	2		2	
		Ships	Drill, MOB, Fire	e & Abandon Ship				
				essel guided tour				
		Me		t / First Aid Cases				
			Т	ool Box Meetings	6		6	
				Incident Reports				
				lear Miss Reports				
				vation Card (SOB)				
				Observation Card				
	No of su	rvey Man-Hours work	rod since start	- of project or LTL	#VALUE!	26:00	#V/ALLIEL	
GG.	VESSEL ROB's	-		or project of ETI.	#VALUE!	36:00	#VALUE!	
66.		ut 24.00113	Fu	el (T)	Lube	e Oil (L)	l l	Water (T)
		ROB at 00:00 hrs						
		Consumed Today						
		Received today						
		ROB at 24:00 hrs						
HH.	EXPECTED WE	ATHER NEXT 24 HF	۲S:					
Winds 15-20 kts out o	f the east. Chance	of rain.						
Π.		PROGRAM NEXT 24	HRS:					
Underwater camera o								
JJ.	PARTY CHIEF'S	COMMENTS: (Opt	ional)					
КК.			(Ontional)					
nn.	REFRESENTAT	IVE'S COMMENTS:	(Optional)					
	For ALPINE		[			For	US Wind/ESS	
	TOTALFINE						00 11111/200	
	Mitch Kennedy							
(5	Survey Party Chie	f)					(Client Represe	entative)
Vessel:		 George	Project No:	178	3	Date:	· ·	ctober 2017
Client:		/ind/ESS	Location:		Bay - DE	Report No.		007
			Proiect:	1783 IRB Geote	-	·		

<b>NIA</b>							DAILY REPORT	
Vessel: Client: Location: Project:	US Wind/ESS Indian River Bay - DE			Project No: Todays Date: Report No: Start Date:			1783 13 October 2017 8 06 October 2017	
	All times are	EST		(GMT -	5:00	hrs)		
		ION AT 24:00 HRS						
Description:	Indian River Marin	la	Latitude	e: 38°36.743'N		Longitude:	75°04.380 W	
	WEATHER:							
Time	BAROM	WINE		WAVE	VISIB.	SKY	REMARKS	
(Local) 00:00	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS		
00:00		10-15	E	0.50	10	Cloudy	Rain	
16:00		10-15	E	0.25	8	Cloudy	Rain	
24:00								
00	PERSONNEL & I							
	Alpine OSS Pers							
	Mitchell Kennedy		Surveyo	r:				
	Dario Manchia		Analog Eng					
Surveyor:	David Reynolds		Analog Eng	]				
C2.	Additional Perso	onnel						
C3.	<b>Client Personne</b>	l:						
Client Rep.								
	Personnel On Be		I					
ALPINE:	3	CLIENT:		VESSEL:		OTHERS:	TOTAL 3	
C5.	ALPINE'S Equip	ment:						
C5. hisphere DGPS	ALPINE'S Equip	ment:						
		ment:						
isphere DGPS		ment:						
iisphere DGPS Iline Underwater Car	mera System							
iisphere DGPS Iline Underwater Car								
iisphere DGPS Iline Underwater Car	mera System							
iisphere DGPS Jline Underwater Car C6.	mera System Additional Equip	oment	s of changes	of personnel / en	uipment)			
iisphere DGPS Jline Underwater Car C6.	mera System Additional Equip	oment ns (include notices	s of changes	of personnel / eq	uipment)	On Ves	ssel	
iisphere DGPS Jline Underwater Car C6.	Mera System Additional Equip Project Variation	oment ns (include notices	s of changes	of personnel / eq Personnel:	uipment)		ssel	
iisphere DGPS dline Underwater Car C6. C7. sonnel:	Additional Equip Project Variation Off Ves	oment ns (include notices	s of changes	Personnel:	uipment)		ssel	
hisphere DGPS dline Underwater Car C6. C7.	Mera System Additional Equip Project Variation	oment ns (include notices	s of changes		uipment)		ssel	
iisphere DGPS dline Underwater Car C6. C7. sonnel:	Additional Equip Project Variation Off Ves	oment ns (include notices	s of changes	Personnel:	uipment)		ssel	
iisphere DGPS dline Underwater Car C6. C7. sonnel: iipment:	Additional Equip Project Variation Off Ves	oment ns (include notices sel	s of changes	Personnel:	uipment)		ssel	
iisphere DGPS dline Underwater Car C6. C7. sonnel: iipment:	Additional Equip Project Variation Off Ves Day Grab	oment ns (include notices sel	Code	Personnel: Equipment:	uipment)		ssel	
isphere DGPS dline Underwater Car C6. C7. sonnel: ipment: DD. From 6:00	Additional Equip Additional Equip Project Variation Off Ves Day Grab DIARY OF EVEN To 7:00	oment  ns (include notices sel  TS TODAY: hrs 1:00	Code OLS	Equipment:		On Ves	ssel	
isphere DGPS dline Underwater Car C6. C7. sonnel: ipment: DD. From 6:00 7:00	Additional Equip Project Variation Off Ves Day Grab DIARY OF EVEN To 7:00 8:00	oment ns (include notices sel TS TODAY: hrs 1:00 1:00	Code OLS OLS	Personnel: Equipment: Transit to marina. Mobalize underwa	ter camera s	On Ves		
isphere DGPS dline Underwater Car C6. C7. sonnel: ipment: DD. From 6:00 7:00 8:00	Additional Equip Project Variation Off Ves Day Grab DIARY OF EVEN To 7:00 8:00 9:00	ment is (include notices sel TS TODAY: hrs 1:00 1:00 1:00	Code OLS OLS OLS OLS	Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P	ter camera s SO watch / t	On Ves		
isphere DGPS dline Underwater Car C6. C7. sonnel: sonnel: ipment: DD. From 6:00 7:00 8:00 9:00	Additional Equip Project Variation Off Ves Day Grab DIARY OF EVEN To 7:00 8:00 9:00 14:37	ment is (include notices sel TS TODAY: hrs 1:00 1:00 1:00 5:37	Code OLS OLS OLS OLS OLS	Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P Underwater came	ter camera s SO watch / t ra operations	On Ves		
isphere DGPS  dine Underwater Car  C6.  C7.  sonnel:  ipment:  DD.  From  6:00  7:00  8:00  9:00  14:37	Additional Equip Project Variation Off Ves Day Grab DIARY OF EVEN To 7:00 8:00 9:00 14:37 15:37	ment is (include notices sel TS TODAY: hrs 1:00 1:00 1:00 5:37 1:00	Code OLS OLS OLS OLS OLS OLS	Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P Underwater came Start post-survey I	ter camera s SO watch / t ra operations PSO watch /	On Ves On Ves		
isphere DGPS dline Underwater Car C6. C7. sonnel: sonnel: ipment: DD. From 6:00 7:00 8:00 9:00	Additional Equip Project Variation Off Ves Day Grab DIARY OF EVEN To 7:00 8:00 9:00 14:37	ment is (include notices sel TS TODAY: hrs 1:00 1:00 1:00 5:37	Code OLS OLS OLS OLS OLS	Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P Underwater came	ter camera s SO watch / t ra operations PSO watch /	On Ves On Ves		
isphere DGPS  dine Underwater Car  C6.  C7.  sonnel:  ipment:  DD.  From  6:00  7:00  8:00  9:00  14:37	Additional Equip Project Variation Off Ves Day Grab DIARY OF EVEN To 7:00 8:00 9:00 14:37 15:37	ment is (include notices sel TS TODAY: hrs 1:00 1:00 1:00 5:37 1:00	Code OLS OLS OLS OLS OLS OLS	Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P Underwater came Start post-survey I	ter camera s SO watch / t ra operations PSO watch /	On Ves On Ves		
isphere DGPS  dine Underwater Car  C6.  C7.  sonnel:  ipment:  DD.  From  6:00  7:00  8:00  9:00  14:37	Additional Equip Project Variation Off Ves Day Grab DIARY OF EVEN To 7:00 8:00 9:00 14:37 15:37	ment is (include notices sel TS TODAY: hrs 1:00 1:00 1:00 5:37 1:00	Code OLS OLS OLS OLS OLS OLS	Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P Underwater came Start post-survey I	ter camera s SO watch / t ra operations PSO watch /	On Ves On Ves		
isphere DGPS  dine Underwater Car  C6.  C7.  sonnel:  ipment:  DD.  From  6:00  7:00  8:00  9:00  14:37	Additional Equip Project Variation Off Ves Day Grab DIARY OF EVEN To 7:00 8:00 9:00 14:37 15:37	ment is (include notices sel TS TODAY: hrs 1:00 1:00 1:00 5:37 1:00	Code OLS OLS OLS OLS OLS OLS	Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P Underwater came Start post-survey I	ter camera s SO watch / t ra operations PSO watch /	On Ves On Ves		
isphere DGPS  dine Underwater Car  C6.  C7.  sonnel:  ipment:  DD.  From  6:00  7:00  8:00  9:00  14:37	Additional Equip Project Variation Off Ves Day Grab DIARY OF EVEN To 7:00 8:00 9:00 14:37 15:37	ment is (include notices sel TS TODAY: hrs 1:00 1:00 1:00 5:37 1:00	Code OLS OLS OLS OLS OLS OLS	Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P Underwater came Start post-survey I	ter camera s SO watch / t ra operations PSO watch /	On Ves On Ves		
isphere DGPS  dine Underwater Car  C6.  C7.  sonnel:  ipment:  DD.  From  6:00  7:00  8:00  9:00  14:37	Additional Equip Project Variation Off Ves Day Grab DIARY OF EVEN To 7:00 8:00 9:00 14:37 15:37	ment is (include notices sel TS TODAY: hrs 1:00 1:00 1:00 5:37 1:00	Code OLS OLS OLS OLS OLS OLS	Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P Underwater came Start post-survey I	ter camera s SO watch / t ra operations PSO watch /	On Ves On Ves		

EE.	PROJECT DATA:									
E1.	Time Summary:									
				Previous	Today	Total				
Rate	Code			Hours	Hours	Hours		Percent of Total		
Mobilization	М									
Transit	Т									
perational Lump Sum	OLS			65:42	10:00	75:42		84.03		
Dperational Daily Rate				5:23		5:23		5.98		
Weather Standby				9:00		9:00		9.99		
Standby on Client										
Vessel Downtime										
Port Standby										
Survey Downtime										
Maintenance time										
Disputed Time										
MMO Shutdown	MMO		TOTAL	00.05	10:00	00:05		400.000/		
Hrs. of I	Daily Operations		TOTAL	80:05	10:00	90:05 Check Value=	400.00	100.00%		
E2.				Cumu	ative nours	Check value=	192.00			
E2. Description	Survey Progres		Aree	Total Cores	Coroo Brov	Today Caroo	Coros To Doto	% Completed		
Vibracores		Cores Left	Area		Cores Prev	Today Cores	Cores To Date	% Completed		
Grabs				45.00 15.00	45.00 15.00		45.00 15.00	100.00% 100.00%		
Camera					15.00	15.00		100.00%		
Vibracore/Camera/Grabs	(Doily Roto)			15.00	0.00		15.00			
Vibracore/Camera/Grabs	TOTALS:		TOTAL	11.00 86.00	9.00	2.00 17.00	11.00 <b>86.00</b>	100.00% 100.00%		
FF.		& Figures for Vesse					00.00	100.00%		
гг.	SALLIT (Details	a rigules for vesse	er and Survey	crews and chem		1063)				
				Incidents & Drills	Previous Events	Today's Events	Events To Date			
			Proiec	t & HSE Briefings	2		2			
		Ships		e & Abandon Ship	-		-			
		- 1 -		essel guided tour						
		Me		t / First Aid Cases						
				ool Box Meetings	6	1	7			
				Incident Reports						
			Ν	lear Miss Reports						
			Savety Observ	ation Card (SOB)						
				Observation Card						
				-						
		rvey Man-Hours work	ed since start	of project or LTI.	#VALUE!	30:00	#VALUE!			
GG.	VESSEL ROB's	at 24:00hrs								
			Fu	el (T)	Lube	e Oil (L)	\\	Water (T)		
		ROB at 00:00 hrs								
		Consumed Today Received today								
		ROB at 24:00 hrs								
HH. Winds 10 kts out of th		ATHER NEXT 24 HF	(5:							
		PROGRAM NEXT 24	UDC.							
		bility and demobalize b								
JJ.		COMMENTS: (Opt								
List of Camera Stations a			ional)							
Good- 4, 13, 14, 15, 16,										
Marginal- 1alt, 3alt, 17 Bad- 2alt 5, 6, 7alt 8alt	0 10 11 12 10 22 4	22.24								
Bad- 2alt, 5, 6, 7alt, 8alt, 9, 10, 11, 12, 19, 22, 23, 24										
KK.	REPRESENTAT	IVE'S COMMENTS:	(Optional)							
	-		(,							
For ALPINE For US								US Wind/ESS		
	Mitchell Kennedy	/								
(Survey Party Chief)						(Client Representative)				
							(			
Vessel:			Project No:	178	3	Date:		ctober 2017		
Vessei: Client:	MV		Project No: Location:	178 Indian River		Date: Report No.				

<b>S</b> AI							DAILY REPORT		
Vessel: Client: Location:	MV George US Wind/ESS			Project No: Todays Date: Report No:			1783 14 October 2017 9		
Project:		783 IRB Geotech			Start Date		06 October 2017		
	All times are	EST		(GMT -	5:00	hrs)			
AA.		ION AT 24:00 HRS					75°04 200 W		
Description:	Indian River Marin	a	Latitude	38°36.743'N Longitude:			75°04.380 W		
BB.	WEATHER:								
Time	BAROM	WINI	-	WAVE	VISIB.	SKY	REMARKS		
(Local)	mb	Speed mph	Dir	HEIGHT m	nmi	CONDS			
00:00 08:00	├	5-10	SE	0-0.25	10	Cloudy			
16:00	├	5-10	SE	0-0.25	10	Cloudy			
24:00				0 0.20		0.0003			
00	PERSONNEL & E								
CC. C1.	PERSONNEL & E Alpine OSS Pers								
	Mitch Kennedy		Surveyor	r:					
	Dario Manchia		Analog Eng						
Surveyor:	Dave Reynolds		Analog Eng	<b>]</b> .					
C2.	Additional Perso	onnel							
C3.	Client Personnel	1:	T						
Client Rep.			1						
C4.	Personnel On Bo	oard:							
ALPINE:	3	CLIENT	:	VESSEL:		OTHERS:	S: TOTAL 3		
(Ch									
C5.	ALPINE'S Equip	ment:							
phere DGPS		ment:							
phere DGPS		ment:							
phere DGPS ne Underwater Car	mera System								
phere DGPS									
phere DGPS ne Underwater Car	mera System								
phere DGPS ne Underwater Car C6.	mera System Additional Equip	oment							
phere DGPS ne Underwater Car	mera System Additional Equip Project Variation	oment oment s (include notices	s of changes	of personnel / eq	uipment)	On Ves	ssel		
phere DGPS ne Underwater Car C6.	mera System Additional Equip	oment oment s (include notices	s of changes	of personnel / eq	uipment)	On Ves	ssel		
phere DGPS ne Underwater Car C6. C7.	mera System Additional Equip Project Variation	oment oment s (include notices	s of changes		uipment)	On Ves	ssel		
phere DGPS ne Underwater Car C6. C7.	mera System Additional Equip Project Variation	oment oment s (include notices	s of changes		uipment)	On Ves	ssel		
phere DGPS ne Underwater Car C6. C7. onnel:	mera System Additional Equip Project Variation	oment oment s (include notices	s of changes	Personnel:	uipment)	On Ves	ssel		
phere DGPS ne Underwater Car C6. C7. onnel:	mera System Additional Equip Project Variation	oment ns (include notices sel	s of changes	Personnel:	uipment)	On Ves	ssel		
phere DGPS ne Underwater Car C6. C7. onnel:	mera System Additional Equip Project Variation Off Ves	oment ns (include notices sel	s of changes	Personnel:	uipment)	On Ves	ssel		
phere DGPS ne Underwater Car C6. C7. onnel: oment:	Mera System Additional Equip Project Variation Off Ves DIARY OF EVEN	oment ns (include notices sel TS TODAY:		Personnel:	uipment)	On Ves	ssel		
phere DGPS ne Underwater Car C6. C7. onnel: oment: DD. From	Mera System Additional Equip Project Variation Off Ves DIARY OF EVEN To	oment ns (include notices sel TS TODAY: hrs	Code	Personnel: Equipment: Transit to marina. Mobalize underwa	ter camera s	ystem.			
phere DGPS ne Underwater Car C6. C7. C7. onnel: oment: DD. From 7:00	Mera System Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:30	oment  ssel  TS TODAY:  hrs  0:30	Code ODR	Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P	ter camera s SO watch / ti	system. ransit to survey site			
phere DGPS ne Underwater Car C6. C7. C7. onnel: oment: DD. From 7:00 7:30	Mera System Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:30 7:59	TS TODAY: hrs 0:30 0:29	Code ODR ODR ODR ODR ODR	Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P Underwater came	ter camera s SO watch / tr ra operations	system. ransit to survey site s. Completed secor	.d attempt at all no vis stations		
phere DGPS ne Underwater Car C6. C7. C7. C7. Donnel: DD. From 7:00 7:30 7:59 8:59 10:30	Additional Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:30 7:59 8:59 10:30 12:16	timent as (include notices sel TS TODAY: hrs 0:30 0:29 1:00 1:31 1:46	Code ODR ODR ODR ODR ODR ODR ODR	Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P Underwater came Underwater came	ter camera s SO watch / tr ra operations ra operations	system. ransit to survey site s. Completed secor s. Completed secor			
phere DGPS ne Underwater Car C6. C7. C7. DDN From 7:00 7:30 7:59 8:59 10:30 12:16	Additional Equip Additional Equip Project Variation Off Ves DIARY OF EVEN To 7:30 7:59 8:59 10:30 12:16 13:16	timent as (include notices sel TS TODAY: hrs 0:30 0:29 1:00 1:31 1:46 1:00	Code ODR ODR ODR ODR ODR ODR ODR	Personnel: Personnel: Equipment: Transit to marina. Mobalize underwa Start pre-survey P Underwater came Underwater came Start post-survey	ter camera s SO watch / tr ra operations ra operations PSO watch /	system. ransit to survey site s. Completed secor s. Completed secor transit to marina.	.d attempt at all no vis stations		
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EE.	PROJECT DATA:								
E1.	Time Summary:	:							
				Previous	Today	Total			
Rate	Code			Hours	Hours	Hours		Percent of Total	
Mobilization	М								
Transit	т								
perational Lump Sum	OLS			75:42	1:44	77:26		78.95	
Operational Daily Rate	ODR			5:23	6:16	11:39		11.88	
Weather Standby	W			9:00		9:00		9.18	
Standby on Client	S								
Vessel Downtime	VD								
Port Standby	PS								
Survey Downtime	SD								
Maintenance time	MT								
Disputed Time	DT								
MMO Shutdown	MMO								
	•		TOTAL	90:05	8:00	98:05		100.00%	
Hrs. of L	Daily Operations	24		Cumu	ative Hours	Check Value=	216.00		
E2.	Survey Progres	s:							
Description		Cores Left	Area	Total Cores	Cores Prev	Today Cores	Cores To Date	% Completed	
Vibracores				45.00	45.00		45.00	100.00%	
Grabs				15.00	15.00		15.00	100.00%	
Camera				15.00	15.00		15.00	100.00%	
Vibracore/Camera/Grabs	s (Daily Rate)			11.00	11.00		11.00	100.00%	
	TOTALS:		TOTAL	86.00	86.00		86.00	100.00%	
FF.		s & Figures for Vesse				ives)			
		<u> </u>	· · · · · · · · · · · · · · · · · · ·		Previous				
				Incidents & Drills	Events	Today's Events	Events To Date		
			Projec	t & HSE Briefings	2		2		
		Ships		e & Abandon Ship					
				essel guided tour					
		Me		t / First Aid Cases					
		1110		ool Box Meetings	7	1	8		
				Incident Reports	1		0		
			Ν	lear Miss Reports					
			-	ation Card (SOB)					
				Observation Card					
	No. of ou	rvey Man-Hours work	ad since start	- of project or LTL	#VALUE!	24.00	#VALUE!		
GG.	VESSEL ROB's	-	leu since start		#VALUE!	24:00	#VALUE!		
	VEGGEE ROD 3	4124.001113	Eu	el (T)	Lub	e Oil (L)		Water (T)	
				01(1)	200	5 GII (L)			
		ROB at 00:00 hrs							
	Consumed Today								
	Received today ROB at 24:00 hrs								
HH.	EXPECTED WE	ATHER NEXT 24 HF	RS.						
NA									
	ANTICIPATED F	PROGRAM NEXT 24	HRS:						
NA									
	PARTY CHIEF'S	COMMENTS: (Opt	ional)						
		was seen with the camera		e improved.					
KK.	REPRESENTAT	IVE'S COMMENTS:	(Ontional)						
			(optional)						
	For ALPINE					For	US Wind/ESS		
	FULALFINE					FUI	03 Wind/233		
	Mitchell Kenned								
	(Survey Party Chief)					(Client Representative)			
Vessel:		George	Project No:			Date:	14 0	ctober 2017	
Client:	US W	/ind/ESS	Location:	Indian River 1783 IRB Geote		Report No.		009	
			FIDIECC		5611				