

Issues	Comments	Shell Response	Mitigation Measures
Operations	Why is Atqasuk an alternate airfield for helicopters rather than Wainwright or Pt. Lay?	Because Wainwright and Pt. Lay are coastal villages subject to fog and Atqasuk is inland with less chance of fog.	J
Local hire	What is Shell's percentage of local hire for OSR efforts?	The majority of OSR teams discussed during the presentation are local hire.	N/A
Operations	There are two boat trailers that arrived in Pt. Lay – are these Shells?	We are unsure at this time but will look into it.	N/A
OSR	Does Shell have any contingency plans in case of an oil spill?	Yes. We have OSR vessels staged both near Burger and in the Kotzebue Sound area. Explained verbally in further detail.	H
Aircraft operations	Is aircraft usage weather permitting?	Everything is weather permitting.	I
Weather data	Does Shell have a website for SIWAC data?	Yes, Shell has a website for the SIWAC data. This website is password-protected. We also share all of our weather forecasts with NOAA and they have improved their forecasts based off of Shell's data.	I
Operations	What is Shell's biggest obstacle to operate?	Shell faces a number of challenges as we plan for our 2015 operations. One challenge pertains to the sheer number of permits we are required to obtain from the regulatory agencies. While we believe we will be successful, the threat of litigation remains and it could affect our ability to operate in 2015	N/A
OSR	How often is Shell going to be doing OSR exercises?	Prior to the season, we do extensive training in Valdez with all of our crews.	N/A

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Fleet	What number diesel oil is Shell going to be using on vessels?	Shell has committed to using only ultra low sulfur diesel fuel.	N/A
Operations	Do we have a safe harbor for Shell vessels?	For refuge, the vessels can withstand up to 30 feet seas. If it gets too rough, we would transit back to Dutch. Shell can also relocate vessels based on weather forecasts and data.	I
Terrorism	The employees/crew on the vessels, where are they coming from? Is there concern for terrorism?	The majority of our fleet are American. However, we have two Finnish vessels and they will have Finnish crews. There is an extensive vetting process so there is no concern for terrorism.	N/A
Fleet	How many vessels does Shell have total – I counted 15?	All total there are about 28 vessels.	N/A
Fleet	What is the speed on these vessels?	Usually 10 knots, some are capable of 13/15 knots. We use the 10 knots as a safe pace.	N/A
OSR	What villages would be affected by a potential oil spill in the Kotzebue area?	There are no drilling operations in Kotzebue Sound.	N/A
OSR	Are people being trained now in OSR in both areas – Northwest Arctic and North slope areas?	Each year, there are 2 OSR training sessions in each Chukchi coastal village on the North Slope and 1 in each coastal/Kotzebue Sound village in the Northwest Arctic.	N/A
OSR	If Shell opens up in 2015 will the Northwest Arctic areas be aware and ready to respond to OSR?	Yes.	H

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Social investment	Comment was made in regards to Shell donating to the Native Village of Pt. Lay.	Shell makes efforts to donate to communities where operations may have an impact. We do so through our initiative, which we refer to as social investment. Anyone who is interested in applying for a donation may do so on Shell Alaska's website.	N/A
OSR	Who coordinates the 6 people in Pt. Lay trained in OSR?	We contract with Arctic Slope Energy Service. They will be advertising soon. The Pt. Lay liaison can also be a good point of contact for information.	N/A
OSR	When people receive OSR training do they receive field and offshore training experience?	Yes, they receive field and those who will be on vessels also receive offshore training.	N/A

Notes:

*Mitigation Measures are only assigned to applicable comments.

"Not applicable" (N/A) is used to designate comments that do not require mitigation measures as a course of action. See [Mitigation Measures Index](#) definitions according to assigned letter.

Proposed Mitigation Measures

A-Communication Plan for avoiding conflicts with subsistence users.

B-Collaboration and Communication with Whaling Associations

C-Plan of Cooperation (will work to obtain a CAA)

D-Will honor Camden Bay blackout dates for Nuiqsut and Kaktovik whaling.

E-Subsistence Advisors based in Chukchi Sea Villages and Kotzebue

F-Protected Species Observers

G-Robust Marine Mammal Monitoring Protocol

H-OSR support vessels on standby 24/7 near drilling location

I-Real time Ice and Weather Forecasting

J-Crew change by helicopter and collaboration on routes to and from shorebase

K-zero discharge in Camden Bay of the Beaufort Sea: drilling fluids and cuttings after the 26-in casing; gray and treated black waters; bilge and ballast waters

L-enhanced blowout prevention and mitigation measures (i.e., second set of blind shear rams, redundant ROV hot stab panel, prefabricated subsea collection and containment system, and relief well plan with designated relief well drilling unit).