

EXAMPLE OF PREFERRED FORMAT (Alaska Regional Office)

GEOPHYSICAL DATA AND INFORMATION STATEMENT (GDIS)

REQUIRED INFORMATION

1. Provide contact information of Primary and Alternate Company Contact;
2. Identify in the space provided if the data used for your bid evaluation was acquired under a license agreement;
3. Identify the Area/Block(s);
4. Have a company official sign and date in the space provided;
5. Fill out the Company Name and Address; and
6. Submit to the Bureau of Ocean Energy Management (BOEM).

For all blocks listed, identify each survey (including proprietary data), which was used to evaluate the Sale block(s) in the attached example spreadsheet and provide the requested metadata.

All bidders, including joint bidder(s) must submit the GDIS Statement even if no proprietary geophysical data or information was used in its bid preparation for the block.

Primary Company Contact

Name: _____

Title: _____

Company Name: _____

Street Address: _____

City: _____

State: _____

Zip Code: _____

Phone Number: _____

Email: _____

Alternate Company Contact

Name: _____

Title: _____

Company Name: _____

Street Address: _____

City: _____

State: _____

Zip Code: _____

Phone Number: _____

Email: _____

_____ Check if (Company Name and BOEM Qualification Number) _____ used data under a license agreement to evaluate the following block(s) bid upon in OCS Lease Sale Number.

OPD/BLOCK: _____

Signature of Company Official

Signature: _____

Title: _____

Name (Print): _____

Date: _____

Company Address

Company Name: _____

Address: _____

City: _____ State/Zip: _____

DEFINITIONS IN ORDER OF APPEARANCE:

1. Primary Company Contact and Alternate Contact should be someone whom is:
2. *Knowledgeable about the data sets* identified as used in evaluating the block(s);
3. In a position to provide *additional information* about the data upon BOEM request;
4. Able to expedite the delivery of the information/data; and
5. Available from data submission to 60 days after the sale date. This individual may be contacted for information regarding data used and any other pertinent questions relating to the evaluation of the Sale block(s) in question. This includes seismic, gravity & magnetic, AVO data, etc. This is also the person whom BOEM would contact if there is a problem with the submitted GDIS or requested data (e.g., incorrect machine code format, I/O error, EBCDIC header questions, SEG Y header questions, etc.)

Alternate Contact is the company representative that will be available should the Primary Contact not be available to answer questions listed above.

OPD means the OCS Official Protraction Diagram (OPD) Name **and** Number (ex: NP05-08 Kenai) of the block bid upon in the sale.

Block means the OCS block (number) bid upon in the sale

Company Official means an official in accordance with signatory authorization on file in the BOEM Alaska Regional Office, Leasing Section.

Company Address means the official mailing street address, city, state, and zip code of the "Company Official" above or the address where the BOEM data requisition should be sent.

GDIS Table Definitions

OPD means the OCS Official Protraction Diagram (OPD) Name **and** Number (ex: NP05-08 Kenai) of the block bid upon in the sale.

Block Number means the OCS block bid upon in the sale.

Owner of Original Data means the company that had the data acquired and processed. Indicate if the original data is proprietary to your company or if ownership was transferred from the company who originally acquired and processed the data.

Original Industry Survey Name means the name of original survey as assigned by the original data owner.

Permit Number means the OCS permit number assigned by BOEM when the survey was first acquired. *This number can be obtained from the owner of the original data.*

Are submitted data subject to a license agreement? If so, who were the data licensed from?

Data Type means the data description: 2-D or 3-D seismic, time or depth domain, amplitude with offset (AVO), gravity, etc. that was used for the sale.

Migration Algorithm Used (if appropriate) means the type of migration (e.g., Kirchhoff, beam, wave equation, reverse time migration, etc.) applied to the data, if seismic.

Live Survey Coverage means the number of line miles for 2D survey or area in blocks or square miles for 3D survey.

Dataset Size in Gigabytes refers to the digital data file size in gigabytes.

If Data were reprocessed, by whom (Reprocessing Company) means the party who reprocessed the data set identified under Data Type. If the data were reprocessed internally, please answer "In-House". If the data was reprocessed by an outside vendor, please name the company that reprocessed the data. **Reprocessing** is defined as the alteration of the original processing to suppress noise, enhance signal, and migrate seismic events to the appropriate location in space. Any data type may be reprocessed including seismic, gravity, magnetic, etc., to improve the data quality. **Reprocessed Data** refers to the final/most recent version of the reprocessed data that were used in evaluation for OCS block(s) bid upon.

Date Processing Completed (MO, YR) means the month and year that the processing was completed. If the data have been reprocessed the date should be for the date reprocessing was completed. If the month is not known, list the year.

Data Sent to BOEM means BOEM already has an identical copy of data used in the geophysical evaluation of the current lease block. Please indicate the date of transfer to BOEM and the associated sale number, may also have been submitted to BOEM for a Worst Case Discharge (WCD), re-evaluating reserves calculations or selected for permanent retention by BOEM under 30 CFR 551.12.

Did you use AVO/AVA data? means did you use Amplitude Versus Offset/Angle (AVO/AVA) stacks during the evaluation of the bid blocks? AVO is the seismic reflection amplitude as a function of incidence angle/offset.

Were AVO Analyses Submitted? means, if you used AVO stacks during the evaluation of bid blocks, had you previously submitted those data to BOEM. If so, please include the date and reason if available.

Velocity Volume Submitted For depth converted data, indicate if corresponding velocity model used to convert the data from the time domain was submitted to BOEM.

Acquisition Report Submitted The acquisition report describes the field conditions and initial processing during the collection of the original data. Submit the acquisition report for each data volume used in the evaluation of your bid (PDF or Word format is preferred). If no acquisition report is available, please note it here.

Processing Report Submitted The processing report describes the processing steps applied to transform the data from the original data (or previous version for reprocessing) to the submitted data. Submit the processing report for each data volume used in the evaluation of your bid (PDF or Word format is preferred). If no processing report is available, please note it here.

If you have any questions, please contact BOEM AK Regional Office at (907) 334-5200 and request to speak to the Regional Supervisor for Resource Evaluation.

Example of Spreadsheet

BOEM requests that the following GDIS table be submitted digitally as an Excel worksheet on a USB external drive (formatted for Windows). While formatting is generally not critical, ALL columns shown below must be included and in the same order.

Table below is an example of how a submitted table should appear. All companies and surveys listed are hypothetical and used only for the purpose of the example spreadsheet.

Geophysical Data and Information Statement Table

Block OPD Name AND Number	Block Number	Owner of Original Data set (WGC, CGG, operator)	Original Industry Names (Crystal Wats)	BOEM Permit Number	Are submitted data subject to a license agreement?	Data type (multichannel seismic, gravity, magnetic, etc.)	Migration Algorithm	Live Survey Coverage (2D miles, 3D Blocks/ Area)	Data Size in Gigabytes	Who processed the data?	If Data were reprocessed, by whom	Date Most Recent Processing Completed (Mo., Yr.)	Data Sent to BOEM, list sale number or purpose and date of the sale	Did you use AVO/AVA Data? (Y/N)	Were AVO analyses submitted? (Y/N)	Velocity Volume Submitted (Y/N)	Acquisition Report Submitted (Y/N)	Processing Report Submitted (Y/N)
NP05-08 Kenai	7112	Eastern	Beaver 2	17-08	No	3D PSDM	RTM	122 mi ²	80 GB	In-house	None	In-progress	N/A	No	Yes	Yes	Yes	Yes
NO05-01 Iliamna	6485	ABC123	Beluga 1	99-05	No	3D PSDM	RTM	25 blks	20 GB	In-house	N/A	Nov 2014	Yes 03/25/12	Yes	Yes	Yes	N/A	Yes
NO05-02 Seldovia	6012	WGPC	CI6	01-08	Yes	3D PSTM	KIRCH	50 blks	40 GB	In-house	In-house	Jun. 2013	N/A	Yes	Yes	Yes	N/A	Yes
NP05-08 Kenai	7114	Whisper GEO	Deep LCI 3B	02-08 & 05-09	No	3D PSDM	VTI RTM	12 blks	6.2 GB	WGBC	WGBC	Nov 2010	WCD 01/01/12	No	No	Yes	No	Yes

GDIS Envelopes label Example

Geophysical Data and Information Statement for Oil and Gas Lease Sale ###
Company Name
BOEM Company Qualification Number #####
Proprietary Data