

**EXAMPLE OF PREFERRED FORMAT (Alaska Regional Office)
GEOPHYSICAL DATA AND INFORMATION STATEMENT (GDIS)**

Complete the GDIS form by: 1) Providing contact information; 2) Checking Option A and/or Option B; 3) Identifying the Area/Block(s) for the Option chosen; 4) Having a company official sign the document; and 5) Submitting the document to the Bureau of Ocean Energy Management (BOEM).

For all blocks listed, identify each survey (Proprietary and Reprocessed Speculative) that was used to evaluate the Sale block(s) in the attached example spreadsheet and provide the requested metadata.

Primary Company Contact	Alternate Company Contact
Name:	Name:
Title:	Title:
Company Name:	Company Name:
Street Address:	Street Address:
City: State:	City: State:
Zip Code:	Zip Code:
Phone Number:	Phone Number:
Email:	Email:

____A. (Company Name and BOEM Qualification Number) used proprietary data, reprocessed speculative data and/or any Gravity or Magnetic data to evaluate the following block(s) bid upon in OCS Lease Sale Number _____

OPD/BLOCK: _____

____B. (Company Name and BOEM Qualification Number_____) used speculative data to evaluate the following block(s) bid upon in OCS Lease Sale Number.

OPD/BLOCK: _____

Signature of Company Official

Company Address

Signature: _____

Company Name: _____

Name (Print): _____

Address: _____

Title: _____

City: _____

Date: _____

State/Zip: _____

Definitions in order of appearance:

Primary Company Contact and **Alternate Contact** should be someone:

1) *knowledgeable about the data sets* identified as used in evaluating the block(s); 2) in a position to provide *additional information* about the data upon BOEM request; 3) able to expedite the delivery of the information/data; and 4) 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 original survey was first acquired. *This number can be obtained from the owner of the original data.*

Are Data Fast Track? Are the data a preliminary version before the processing was completed and not the final processed data?

Are Data Proprietary? (Y/N) Would the submitted data be considered proprietary under the disclosure table in 30 CFR §551.14?

Are submitted data subject to a lease agreement? Are the data leased? If so, who were the data leased from?

Data Type means the data description: 2-D or 3-D seismic, pre-stack or post-stack migration, time or depth domain, amplitude with offset (AVO), inversion, 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 mi² for 3D survey.

Dataset Size in Gigabytes refers to the 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) this means the month and year that the processing was completed. If the data have been reprocessed the date should be for the reprocessed the data. 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. Data may also have been sent to BOEM for a WCD or for the express purpose of re-evaluating reserves calculations.

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

Velocity Volume Submitted means (if you submitted depth converted data) did you submit the corresponding velocity volume used to convert from a time domain to a depth domain?

Acquisition Report Submitted means did you submit an acquisition report with your data? The acquisition report describes the field conditions and initial processing during the collection of the original data.

Processing Report Submitted means did you submit a processing report with your data? 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.

If you have any questions, please contact BOEM AK Regional Office at (907) 334-5200 and request to speak to the Chief of the Resource Analysis Section.

Example of Spreadsheet

Geophysical Data and Information Statement Table*

** 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.

BOEM requests that the following table be submitted digitally.

- NOTE: The GDIS Table may 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.

Block OPD Name AND Number	Block Number	Owner of Original Data set (WGC, CGG, operator.)	Original Industry Names (Crystal Wats)	BOEM Permit	Are Data Fast Track? (Y/N)	Are data Proprietary? (Y/N)	Are submitted data subject to a lease agreement?	Data type (2D/3D PSDM, CSEM, Gravity)	Migration Algorithm, if appropriate	Live Survey Coverage (2D miles, 3D Blocks/Area)	Data Size in Gigabytes	If Data were reprocessed, by whom	Date Processing Completed (Mo., Yr.)	Data Sent to BOEM	Did you use AVO Data? (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	Yes	Spec	No	3D PSDM	RTM	122 mi ²	80 GB	None	In-progress	N/A	No	Yes	Yes	Yes
NO05-01 Iliamna	6485	ABC123	Beluga 1	99-05	No	Spec	No	3D PSDM	RTM	25 blks	20 GB	N/A	Nov. 2014	Yes 03/25/12	Yes	Yes	N/A	Yes
NO05-02 Seldovia	6012	WGPC	Cl6	01-08	No	Prep	Yes	3D PSTM	KIRCH	50 blks	40 GB	In-house	Jun. 2013	N/A	Yes	Yes	N/A	Yes
NP05-08 Kenai	7114	Whisper GEO	Deep LCI 3B	02-08 & 05-09	No	Prep	No	3D PSDM	VTI RTM	12 blks	6.2 GB	WGBC	Nov. 2010	WCD 01/01/12	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