

**EXAMPLE OF PREFERRED FORMAT  
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 Speculative) that was used to evaluate the Sale block(s) in the attached example spreadsheet and provide the requested metadata.

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

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

AREA/BLOCK: \_\_\_\_\_

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

AREA/BLOCK: \_\_\_\_\_

**Signature of Company Official**

Signature: \_\_\_\_\_

Name (Print): \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Company Address**

Company name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State/Zip: \_\_\_\_\_

Example of Spreadsheet

**Geophysical Data and Information Statement Table\***

BOEM requests that the following table be submitted digitally.

• **NOTE:** The GDIS Table may be submitted digitally as an Excel worksheet on a CD or DVD. While formatting is generally not critical, ALL columns shown below must be included and in the same order.

Block Bid On		Original Speculative or Proprietary Data Set						Your Reprocessed Data Set				
Area	Block	Is Data Proprietary or Speculative	Data Type (2D/3D PSDM, Gravity, AVO, CSEM, Magnetic data, etc)	Migration Algorithm Used (Kirch, WEM, Beam, RTM, etc)	Owner of Original Data Set (Western, CCG, etc)	Original Industry Survey Name for Dataset (Crystal WATs, E-Octopus, etc)	BOEM Permit Number	Live Survey Coverage (2D miles, 3D blocks)	Data Set Size in Giga Bytes	If Data was reprocessed, by whom (in-house or contractor name)	Date Final Reprocessing Completed (Mo/Yr)	If data was sent to BOEM previous to current sale, list date.
AC	115	Spec	3D PSDM	RTM	Western	E-Octopus 8 (fast track)	T09-009	287 blks	80 GB		In-progress	N/A
EB	590	Spec	3D PSDM	RTM	PGS	Crystal Ph. 3	T09-018	110 blks	40 GB	N/A	Nov. 2011	N/A
EB	734	Prop	3D PSDM	KIRCH	CGG	EB1	T99-011	100 blks	32.6 GB	In-house	June 2010	N/A
KC	244	Prop	3D PSDM	VTI RTM	CGG	GB Waz Ph. 1	T07-021 & L08-083	25 blks	13.5 GB	CGG	Nov. 2011	WCD 01/01/12

### **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 up to 30 days after the sale date. This individual can be contacted for information in regards to data used and any other pertinent questions relating to the evaluation of the Sale block(s) in question. This includes seismic, CSEM, gravity & magnetic, etc. This is also the person whom BOEM would contact if there is a problem with the submitted GDIS or requested data (Incorrect formatting, I/O error, etc).

**Alternate Contact** would be a company representative that would be available should the Primary Contact not be available to answer the questions listed above.

**Area** means the OCS Protraction Area of the block bid upon in the Sale.

**Block** means the OCS block bid upon in the Sale

**Company Official** means an official in accordance with signatory authorization on file in BOEM Gulf of Mexico Region Adjudication Unit.

**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**

**Area** means the OCS Protraction Area of the block bid upon in the Sale.

**Block** means the OCS block bid upon in the Sale

**Proprietary Data** is any data that was acquired solely by an E&P Company or Speculative Data that has become proprietary through reprocessing. Any Speculative data such as 2-D or 3-D, pre-stack or post-stack, time or depth, amplitude with offset (AVO), inversion data that has been modified or enhanced from its original processing would be considered proprietary. CSEM, gravity and magnetic data should be included under Proprietary Data.

**Speculative Data** means the data is available for purchase from a vendor by anyone. This is the original data "right out of the box".

**Reprocessed Data** refers to the final version of the reprocessed data used in the evaluation of the OCS block(s) bid upon.

**Data Type** means the data description: 2-D or 3-D, pre-stack or post-stack, time or depth, amplitude with offset (AVO), inversion, CSEM, gravity, etc.

**Migration Algorithm Used** means the type of migration (i.e. Kirchhoff, beam, wave equation, reverse time migration, etc) that has been used to enhance the data.

**Owner of Original Data Set** means the company that acquired and processed the original data set. Indicate if the original data is proprietary to your company or if it is a multi-client survey purchased from the company who originally acquired and processed the data. *If the data is not owned by your company, please answer with the name of the data owner (who acquired the original survey).*

**Original Industry Survey Name** means the name of the original survey.

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

**Live Survey Coverage** means the number of line miles of 2D or the number of blocks of 3D data that comprise the data set identified.

**Dataset Size** refers to the SEG-Y file size in gigabytes.

**Reprocessing Company** means the party who enhanced the data set identified under Data Type. *If the data was reprocessed (enhanced) internally, please answer "In-House". If the data was reprocessed (enhanced) by an outside vendor, please name the company that reprocessed the data.*

**Date Final Reprocessing Completed** (MO, YR) means the month and year that the enhancement processing was completed. If the data has been reprocessed the date should be that for reprocessing of the data.

**Data Sent to BOEM** means BOEM has an identical copies 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.

If you have any questions, please contact Dee Smith at (504)-736-2706 or John Johnson at (504)-736-2455.

Samples: Geophysical Envelope – Preferred Format

Geophysical Data and Information Statement for Oil and Gas Lease Sale 229

*Ideas Galor Company*

*GOM Company Qualification Number 50137*

Proprietary Data

Geophysical Data and Information Statement for Oil and Gas Lease Sale 229

*Ideas Galor Company*

*GOM Company Qualification Number 50137*

Proprietary Data

**U.S. – MEXICO TRANSBOUNDARY BLOCKS**