

OOO/API Member Survey, GOM G&G Activities

The following survey requests data on various types of geological and geophysical (G&G) operations your company may conduct in the Gulf of Mexico Outer-Continental Shelf. The operations described in the questions below may be impacted by future rulemaking from the National Marine Fisheries Service (NMFS). The proposed rule from NMFS will likely require additional approvals from NMFS (in addition to existing approvals from BOEM) for activities such as shallow hazard surveys, archeological surveys, benthic surveys and seismic activities.

In anticipation of the pending rules, and to gauge the level of impact the rules may have on the GOM offshore industry, OOC and API are collecting the data requested below. This data will be compiled and used for ongoing discussions with BOEM and NMFS on the most practicable means to implement the proposed requirements.

Company names and contact information will remain anonymous (known only to OOC and API staff). The data collected in the survey will be compiled and analyzed to develop an industry-wide assessment of potential impact. The compiled data (not company-specific data) will be shared with BOEM and NMFS.

- A. Typically, how many of the following types of seismic operations does your company anticipate performing per year?

3D or 4D Seismic Surveys		
	# of Surveys	Average Duration (# of days)
<i>Towed Array (Streamer)</i>	(1)	(2)
<i>Off-lease or multi-lease OBN</i>	(3)	(4)

- B. Does your company plan to execute/participate in any multi-client seismic surveys in the next 5 years?

- Yes
 No

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- C. Typically, how many [of the following G&G](#) operations does your company anticipate performing per year and what is the expected average duration of each survey?

"On-lease" Activities		
	<i># of surveys</i>	<i>Average Duration (# of days)</i>
VSP	(5)	(6)
OBN	(7)	(8)
<u>Side-scan Sonar</u>		
Towed-HRG	(9)	(10)
AUV	(11)	(12)
<u>Multi-beam</u>		
Towed-HRG	(13)	(14)
AUV	(15)	(16)
<u>"Sparker" Source</u>		
Towed-HRG	(17)	(18)
AUV	(19)	(20)
<u>"Chirp" Source</u>		
Towed-HRG	(21)	(22)
AUV	(23)	(24)

- a) Are there other sources not listed above that you use?
- Yes
 No
- b) If yes, how many surveys of this type do you expect to execute per year? How many days do you expect the survey to last?

Source type: _____

Number: _____

Duration: _____ days

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- D. Please indicate how your company executes BOEM G&G permit applications and/or BOEM ancillary activity applications for each of the following activities:

Planning & Permitting Timelines/ Contractor Involvement					
<i>Method</i>	<i>Towed array</i>	<i>OBN</i>	<i>VSP</i>	<i>Towed HRG</i>	<i>AUV</i>
My company prepares & submits the applications	(25)	(26)	(27)	(28)	(29)
A contractor prepares the applications, my company submits the applications	(30)	(31)	(32)	(33)	(34)
A contractor prepares & submits the applications	(35)	(36)	(37)	(38)	(39)
Other –:	(40)	(41)	(42)	(43)	(44)

- E. If your company or a contractor prepares a BOEM G&G permit and/or ancillary activity application(s), please provide an estimate of how far in advance you begin preparing the application(S) **PRIOR to submittal to BOEM** for each of the following operations:

Contractor Timeline	
	<i>Months</i>
<i>Towed array</i>	(45)
<i>OBN</i>	(46)
<i>VSP</i>	(47)
<i>Towed HRG</i>	(48)
<i>AUV</i>	(49)

Internal Timeline	
	<i>Months</i>
<i>Towed array</i>	(50)
<i>OBN</i>	(51)
<i>VSP</i>	(52)
<i>Towed HRG</i>	(53)
<i>AUV</i>	(54)