

MGL0903 IHA Conference Call Notes  
2009-08-20 15:30 EDT

**Ship participants:**

Doug Toomey  
William Wilcock  
Emilie Hooft  
Mark Landow, OMO  
Anthony Johnson, OMO  
D Martinson, OMO  
T Spoto, OMO  
Joe Beland, LGL  
Cibra Rep.  
John Nicholas  
Giovanni Calvaturro  
Brad Dawe  
Kayla Graham  
Paul Ljungrenn

**Shore participants:**

Jeff Rupert  
Meagan Cummings  
Megan Meyer

1. Elephant Seals – Langseth will shut down and notify LDEO in the event of an elephant seal sighting.
2. Radii:
  1. As listed on page 9 of the IHA
  2. 166 Db for sea turtles
3. Injured animal sightings  
Carcass and injured animal sightings -- unless injury or death is clearly and obviously not caused by Langseth operations, airguns will be shut down and the office will be notified. Pictures, track line, and set and drift/current charts will be provided to the office ASAP. No further seismic activity until cleared by OMO. Joe Beland, in consultation with John Nicolas, will determine if cause of injury/death is clear and obvious.
4. Use of multibeam, echosounder, and OBS acoustics is unrestricted.
5. Section 5 of IHA specifies LOA requirement.
6. As all MGL0910 survey is in deep water, section 7, paragraph 2 (“Whenever Possible”) is interpreted by OMO as not restricting operations.
7. Exclusion zone – Though the LOA specifies a 1220m exclusion zone, as it states this zone is based on the 180 db isopleth, Langseth may use the smaller 180 db exclusion zone specified in the NMFS IHA for shallower gun depths.
8. When starting the source up from shut down, mammal observers must observe and clear the entire 180 db zone for 60 minutes, as imposed by part 4 of the DFO LOA from Canada. The NMFS IHA requires a 30 minute observation/clear, thus the more stringent requirement applies.
9. The safety (power-down) radius used for sea turtles will be 385m. Further clarification on the

turtle radius will be forthcoming from OMO.

10. In the event of a PAM failure, OMO should be notified immediately., Operations will continue.
11. Upon approaching the take limit for any species, OMO shall be notified.
12. Upon exceeding our take limit for the Northern Pacific Right Whale, seismic operations will be suspended and OMO will be notified. As we are not authorized for any NP Right Whale takes, this limit will be exceeded upon taking a single animal.
13. Upon exceeding our take limit for any other species, OMO shall be notified immediately, and seismic operations will continue. OMO will notify NMFS and other regulatory agencies.

NOTE: These notes are from the Aug 20 2009 conference call between the Research Vessel Langseth and the Office of Marine Operations, Lamont-Doherty Earth Observatory. The ship was not cleared to sail on the 20<sup>th</sup>, and the subsequent authorization included new requirements not detailed herein.

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Office of Marine Operations  
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