

### 3.3. RECORD OF OPERATIONS

#### PROTECTED SPECIES RECORDING FORM OPERATIONS



Regulatory reference number OCS-G22968  
Project number UMV04090

Vessel name Lyman Martin / ENSCO 8502  
Operations page number 1 of 1

Date	Time pre-shooting visual monitoring began	Time pre-shooting visual monitoring ended	Time pre-shooting acoustic monitoring began	Time pre-shooting acoustic monitoring ended	Was it day or night in period prior to firing?	Reason for firing s = survey t = test x = test followed immediately by survey	Time soft start / ramp-up began	Time soft start / ramp-up ended	Time of start of line / test	Time of end of line / test	Time gun(s) disabled after line / test	Time mitigation gun enabled / source output reduced	Time mitigation gun disabled / end of reduced output	Was any mitigation action required?
2011-11-11	19:45	20:15			day	t	20:15	20:37	20:37	20:45	20:45			
2011-11-16			06:51	07:21	night	s	07:21	07:43	23:50					
2011-11-17										17:10	17:10			
2011-11-18			03:01	03:31	night	s	03:31	04:01	04:01	18:24	18:24			
2011-11-18	18:36	19:06			day	s	19:06	19:28	19:28					
2011-11-19										00:20	00:20			



### 3.4. LOCATION AND EFFORT



### PROTECTED SPECIES RECORDING FORM EFFORT

Regulatory reference number OCS-G22968  
 Project number UMV04090

Vessel name Lyman Martin / ENSCO 8502  
 Effort page number 1 of 1

Date	Visual or PAM	Observers' initials	Start of watch				End of watch				Wind speed (knots)	Wind direction	Beaufort scale	Swell (m)	Visibility (km)	Glare severity
			Time	Latitude	Longitude	Depth (m)	Time	Latitude	Longitude	Depth (m)						
2011-11-11	visual	GS, RW, PN	18:00	27.49263°N	090.92180°W	1067	21:00	27.49263°N	090.92180°W	1067	12	NE	3	<2	>5	mild
2011-11-16	acoustic	GS	05:55	27.47938°N	090.92845°W	1067	07:45	27.47938°N	090.92845°W	1067	12	ESE	3	<2	n/a	n/a
2011-11-16	visual	GS, RW, PN	12:00	27.47938°N	090.92845°W	1067	23:40	27.47938°N	090.92845°W	1067	14	SW	3	<2	>5	moderate
2011-11-17	visual	GS, RW, PN	12:00	27.47938°N	090.92845°W	1067	17:30	27.47938°N	090.92845°W	1067	30	NE	5	2-4	>5	mild
2011-11-18	acoustic	GS	02:40	27.48043°N	090.92955°W	1067	04:02	27.48043°N	090.92955°W	1067	15	E	4	<2	n/a	n/a
2011-11-18	visual	GS, RW, PN	12:00	27.48067°N	090.92972°W	1067	23:30	27.48067°N	090.92972°W	1067	8	E	3	<2	>5	moderate

