

Figure 1 MARINE MAMMAL RECORDING FORM - RECORD OF OPERATIONS

Ship	Gyre	Client	USGS	Seismic Contractor	USGS	Record No.	1				
Complete this form every time the airguns are used, including overnight, whether shooting a line or for testing or for any other purpose, time zones should be specified											
Airgun activity				Pre-shooting search				Action necessary			
Date	Time when soft start started	Time when airguns reached full power	Time when airguns stopped	Who carried out a search for marine mammals? (Job title)	Time When pre-shooting search for marine mammals began	Time when search for marine mammals ended	Was there any reason why marine mammals may not have been seen? (eg dark, fog, swell etc)	Were hydrophones used?	Were marine mammals present within 30 minutes before the airguns began firing?	If yes, give time when marine mammals were last seen	If marine mammals were present, what action was taken? (e.g. delay shooting)
2-May-02	1500	Running @ 160dB	Continuous	ECOES Consulting, Inc	630	2000	No	No	No	N/A	N/A
Hunter	2250		255								
Chirp	315		557								
3-May-03				ECOES Consulting, Inc							
N/A	645	645	1150		630	2000	No	No	No	N/A	N/A
Airgun	1230	1230	N/A		630	2000	No	No	No	N/A	N/A
4-May-03	Continuous	Continuous	N/A	ECOES Consulting, Inc	630	1945	large swell late in the day	No	No	N/A	N/A
Airgun							~ 530pm				
Chirp											
5-May-03	Continuous	Continuous	N/A	ECOES Consulting, Inc	630	1930	large swell persists until	No	No	N/A	N/A
Chirp							1800				
Airgun											
6-May-03	Cont.	Cont.	N/A	ECOES Consulting, Inc	630	1930	Large swell	No	No	N/A	N/A
Chirp											
Airgun											
7-May-03	Cont.	Cont.	N/A	ECOES Consulting, Inc	615	1930	No	No	No	N/A	N/A
Chirp											
Airgun											
** Note: Saw two species of dolphin, pantropical spotted and rough toothed, pans seen around 300 pm, and rough toothed around 530. Guns were firing the entire time.											
8-May-03				ECOES Consulting, Inc							
Chirp	Cont.	Cont.	Cont.		615	1930	No	No	No	N/A	N/A
Airgun		730	Cont.		615	1930	No	No	No	N/A	N/A
airgun was down for approximately 3 hours from 430 to approximately 730, chirp was continuous											
9-May-03				ECOES Consulting, Inc							
Chirp	Cont.	Cont.	Cont.		615	1930	yes, large swi	no	No	N/A	N/A
Airgun	Cont.	Cont.	1400		615	1930	yes, large swi	no	No	N/A	N/A
10-May-03	Cont.	1650	Cont.	ECOES Consulting, Inc	630	1930	Early in the day Large swell and chop Later Fine	No	No	N/A	N/A
11-May-03	Cont.	Cont.	Cont.	ECOES Consulting, Inc	630	1930	No	No	No	N/A	N/A
12-May-03				ECOES Consulting, Inc							
Chirp	Cont.	Cont.	Cont.		630	1930	No	No	No	N/A	N/A
Airgun	430	430	Cont.		630	1930	No	No	No	N/A	N/A