

Activity ID: 08CCT07				USGS CMG FACS Operation Log						
Equipment Code	ID	Start Day	Start Hour	Start Min	Start Comment	End Day	End Hour	End Min	End Comment	Depth (meters)
Swath	V1	jd262	21	00	roll cal 1	262	21	12		
"	V2	"	21	13	2		21	20		
"	V3	"	21	20	3		21	29		
"	V4	"	21	30	4		21	35		
"	V5	"	21	40	5		21	45		
"	V6	"	21	45	6		21	52		
Swath	08h01	jd263	15	13	15m @ side	263	16	10	001-1513 (area #1)	6m
"	08h02	"	16	10		"	16	12		
"	08h03	"	16	12	- program crashed	"	16	14		
"	08h04	"	16	22	10m @ side	"	16	37	002-1611	
"	08h05	"	16	37		"	17	17		
"	08h06	"	17	18	15m side	"	18	07	003-1718	
"	08h07	"	18	07	- 2' - 3' sea	"	18	46		
"	08h08	"	18	59	- 2' - 3' sea	"	19	41		
"	08h09	"	19	52		"	20	30	002-1953	
"	08h10	"	20	40		"	20	45	001-2040	
"	08h11	"	20	51	Crash	"	20	56		
"	08h12	7	21	00	5m @ side - 10m	"	21	33	Big Rollers #1 area #1	
"	08h13	"	21	33	Big Rollers, 10m @ side (cat 09192008-3.sxs)	"	22	09	005-1234 area #1	2m
Swath	08h14	264	15	34	15m @ side (area #1)		16	31	Swath @ chip	
Chirp	08c01	"	15	34	4 Hz ping, 4-16 kHz, 10m s		16	31	001A-1534 (Hypack)	
S	08h15m	"	16	31	10m @ side		16	43		
C	08c02	"	16	31			17	42		
B	08h17	"	16	46			17	42	Rollers	
C	08c03	"	17	42			18	16		
C	08h18	"	17	42			18	16	Rollers - bump	
S	08h19	"	18	31	10m Swath		19	18	003-1829 (Hypack)	
S	08h20	"	19	19			19	34	004-1920	
S	08h21	"	19	33			19	45	003-1935	
S	08h22	"	19	49			~20	15	001A-1947 (006-1955)	
S	08h23	"	20	30			20	55	003-2030	

Activity ID: 08CCT03

## USGS CMG FACS Operation Log

Equipment Code	ID	Start Day	Start Hour	Start Min	Start Comment	End Day	End Hour	End Min	End Comment	Depth (meters)
S	08H24	204	20	55	Sea grass	204	21	13	003-2030 (Hyprnd)	
S	08H25	"	21	15	Seagrass				204-2114	
S	08H26	jd265	15	27	3'-4' sea (noisy sig) <sup>W-Ship</sup>	265	16	09	005-1527 (hyprnd) sea grass	
S	08H27	"	16	11	3m side sea grass		16	51	006-1611 (hyprnd)	
S	08H28	"	16	52			17	02	008-1652	
S	08H29	"	17	45	E. Ship - inside		18	01	001A-1746	
S	08H30	"	18	03			18	18	002-1803	
S	08H31	"	18	20			18	37	003-1813	
S	08H32	"	18	38	Sea grass		19	53	004-1837	
S	08H33	"	19	54			19	13	005-1854	
S	08H34	"	19	13	5m side		19	33		
S	08H35	"	19	35	Conn. to Cut 15m //		20	13	003-1945	
S	08H36	"	20	13			20	51	002-2014	
S	08H37	"	20	52			21	23	001A-2052	
S	08H38	jd264	15	59		jd266	16	26	001-1600	
S	08H39	"	16	27			16	59	002-1627	
S	08H40	"	17	31			17	26	003-1659	
S	08H41	"	17	27			17	53	004-1727	
S	08H42	"	17	59			18	30	005-1830	
S	08H43	"	18	30			19	15		
S	08H44	"	19	31			19	51	001-1932	
S	08H45	"	19	51			20	10	002-1950	
S	08H46	"	20	10			20	28	003-2010	
S	08H47	"	20	28			20	51	004-2028	
S	08H48	"	20	57			20	10	005-2051	
S	08H49	"	21	26			21	27	001-2126	
S	08H49A	"	21	29			21	49	"	
S	08H50	jd267	14	53	2-4' sea - side sea (Conn)		15	02	044-1453	
S	08H51	"	15	02	10m good data (Cut)		15	04	045-1502	
S	08H52	"	15	04	10m		15	09	041-1505	
S	08H53	"	15	08	"		15	12	001-1509	
S	08H54	"	15	12					040-1512	

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S	08H55	207	15	17	Conn. Cut 10m @ side	267	15	24	039-1517		
S	08H56	"	15	24		"	15	32	088-1524		
S	08H57	"	15	32	2'-4' seas,	"	15	37	037-1532		
S	08H58	"	15	37	whitecaps, sidescan	"	15	43	036-1537		
S	08H59	"	15	43	good data	"	15	49	035-1543		
S	08H60	"	15	49		"	15	56	034-1549		
S	08H61	"	15	56		"	16	02	033-1556		
S	08H62	"	16	02		"	16	08	032-1603		
S	08H63	"	16	08		"	16	16	031-1610		
S	08H64	"	16	16		"	16	24	030-1616		
S	08H65	"	16	24		"	16	31	029-1624		
S	08H66	"	16	31	250 @ side	"	16	38	028-1631		
S	08H67	"	16	38	25m/40m/20m/10m	"	16	45	027-1638		
S	08H68	"	16	45	10m	"	16	52	023-1645		
S	08H69	"	16	52	water under bow	"	16	55	025-1653		
C	08C04	220	14	40	4-16K Hz, 10m, 4 Hz avg	220	15	36	E-ship 003-1442		
S	08H70	"	14	40	15m surf	"	15	34	(at 0792008a, 5X5)		
C	08C06	"	15	36		"	16	05			
S	08H71	"	15	36	small channels 15.00 →	"	16	05			
C	08C06	"	16	05		"	16	31			
S	08H72	"	16	05		"	16	31			
S	08H73	"	16	31		"	16	35	002-1631		
C	08C07	"	16	31		"	16	31	"		
S	08H74	"	16	35		"	16	51	"		
C	08C08	"	16	35		"	16	51	"		
C	08C09	"	16	51		"	16	56	002-1651		
S	08H76	"	16	51		"	16	56			
C	08C10	"	16	57		"	17	15			
S	08H76	"	16	57		"	17	15			
C	08C11	"	17	15		"	17	46	001-1715 15m side		
S	08H77	"	17	15		"	17	41	sea →		
C	08C12	"	17	41		"	17	58	PS. unplug		
S	08H78	"	17	41		"	17	58			

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C	08C13	270	17	59		270	18	50	001A-1900	
S	08H79	"	17	59		"	18	50		
S	08H80	"	~18	40	Conville cut	"	~18	41	-	
S	08H80a	"	18	59		"	~19	00	024-1859	
S	08H81	"	19	10		"	19	22	022-1909	
S	08H82	"	19	24		"	19	39	6 kts OK 012-1924	
S	08H83	"	19	34		"	19	46	018-1934	
S	08H84	"	19	46		"	19	54	016-1946	
S	08H85	"	19	54		"	20	05	014-1956	
S	08H86	"	20	05		"	20	12	012-2006	
S	08H87	"	20	12		"	20	18	006-2013	
S	08H88	"	20	18		"	20	25	004-2018	
S	08H89	"	20	25		"	20	30	010-2025	
S	08H90	"	20	40		"	20	45	020-X	
S	08H91	"	20	48		"	20	53	028-2048	
S	08H92	"	20	53		"	20	57	030-2059	
S	08H93	"	20	57		"	21	04	032-2058	
S	08H94	"	21	04		"	21	08	034-2104	
S	08H95	"	21	08		"	21	16	035-2110	
S	08H96	"	21	16		"	21	21	036-2116	
S	08H97	"	21	21		"	21	30		
S	08H98	"	~21	30		"	21	37		
S	08H99	"	21	38		"	21	44		
S	08H100	"	21	44		"	21	50		
S	08H101	"	22	08		"	22	11		
S	08H102	"	22	11		"	22	14		
S	08H103	"	22	14		"	22	20		
S	08H104	"	22	20		"	22	23		
S	08H105	"	22	23		"	22	26		
S	08H106	"	22	26		"				
S	08H107	271	14	49	E. Ship, Little Dry Key Pass	271	15	00	008-1449	
S	08H108	"	15	00	(cat-091920086.sxs)	"	15	14	010-1500	
S	08H109	"	15	14		"	15	27	012-1514	



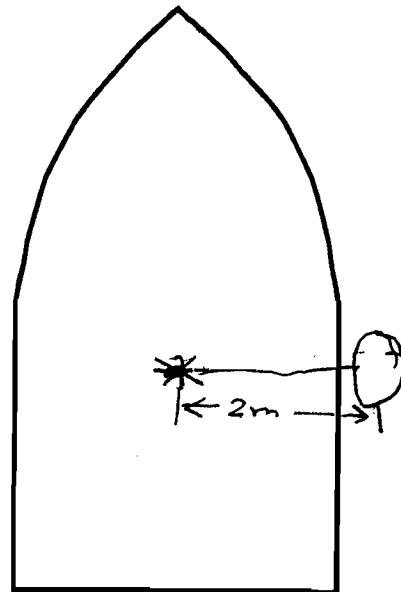
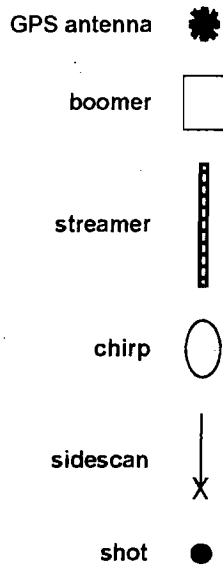
FILL OUT THE DIAGRAM TO SHOW ACQUISITION GEOMETRY.  
 INCLUDE GPS-TO-SHOT DISTANCE, SLED-TO-SHOT DISTANCE,  
 AND STREAMER-TO-SHOT DISTANCE.

08 OCT 03

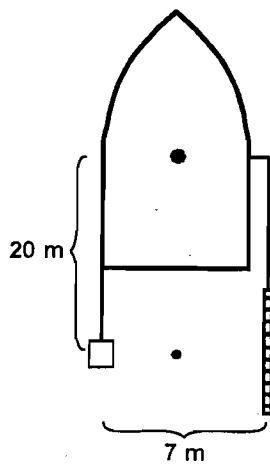
GPS-TO-SHOT DISTANCE \_\_\_\_\_

SLED-TO-SHOT DISTANCE \_\_\_\_\_

STREAMER-TO-SHOT DISTANCE \_\_\_\_\_



BOOMER EXAMPLE



CHIRP EXAMPLE

