

Activity ID: 08LCA01				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)
Boom	08B01	3/24	17	48	Lake Colby 500ms shot 50ms avg 384v 100J, 24 KHz Turn 17:51	3/24	17	52	Circle around lake LAKE (A)	1m
Boom	08B02	3/24	17	57		3/24	18	00		
Boom	08B03	3/24	18	00	1800-1804 a/c ground	3/24	18	08		
Boom	08B04	3/24	18	08		3/24	18	10		
Boom	08B05	3/24	18	10		3/24	18	13		
Boom	08B06	3/24	19	11	500ms shot, 100ms avg 100J 24 KHz	3/24	19	15	Lake B - circle around lake	
Boom	08B07	3/24	19	15	- Heading in reverse - circle - across reverse	3/24	19	18		
Boom	08B08	3/24	19	18	- across reverse	3/24	19	22		
Boom	08B09	3/24	19	22	- across reverse 19:29 back to shore (turn)	3/24	19	25	End Lake Colby	
Boom	08B10	3/24	20	58	Lake Helen 500ms shot, 100ms avg 100J, 24 KHz sweeping 384v Turning in reverse (Engine runs better in reverse)	3/24	20	51	Weeds 20:46	
Boom	08B11	3/24	20	51	Weeds 20:55 (sweep) 1/2 Weeds 20:57 (") Weeds till 21:00 (")	3/24	21	03		
Boom	08B12	3/24	21	03	Sinkhole (?) 21:06	3/24	21	13		
	08B13	3/24	21	13	500ms shot, 200ms avg Lost Signal 21:16-21:18	3/24	21	21		
Boom	08B14	3/24	21	21	500ms shot 100ms avg (zig-zag) 21:24 turn 21:26 turn, 21:27 turn 21:29 turn, 21:30 turn	3/24	21	34		

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Boom	08B15	3/24	21	34	Donkey turn 21:38	3/24	21	41		
Boom	08B16	3/24	21	41		3/24	21	48		
Boom	08B17	3/24	21	48		3/24	21	57		
Boom	08B18	3/24	21	57	21:59 sink?	3/24	22	06		
Boom	08B19		22	06	21:59 sink?	3/24	22	18	EO Lake Nelson	
					21:07 sink lost - 22:10 here					
					22:11 - turn, 22:14 turn					
Boom	08B20	3/25	12	52	Trou + Lake 500/100	3/25	13	05		
					(Hyd light) (no signal)					
Boom	08B21	3/25	13	25	Lowered to 500 = 3690	3/25	13	33		
					(lowered 10 ftage)					
					- some returns					
Boom	08B22	3/25	13	37	turn 13:41, turn 13:43	3/25	13	57		
					turn 13:46					
					clean lead 13:47 - BFO					
Boom	08B23	3/25	13	51	Aground 13:52 - 13:54	3/25	13	58		
Boom	08B24	3/25	13	58	turn 14:02	3/25	14	03		
Boom	08B25	3/25	14	03	turn 14:09 (ho 6?)	3/25	14	14		
					turn 14:10					
					turn 14:12					
Boom	08B26	3/25	14	14		3/25	14	17	EO Trout Lake	
Boom	08B27	3/25	16	18	Lake Seances 500/100		16	26		
					900 down (3790) turn 16:20					
					turn 16:22, turn 16:23					
					turn 16:25					
Boom	08B28	3/25	16	28	turn 16:28, turn 16:30	3/25	16	31		
Boom	08B29	3/25	16	31		3/25	16	35		
Boom	08B30	3/25	16	35			16	37		
Boom	08B31	3/25	16	37						

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Boom	08B32	3/25	16	43		3/25	16	48		
Boom	08B33	3/25	16	48	Circle	3/25	16	53		
Boom	08B34	3/25	16	53	Turn to 100 (350v), 1005	3/25	16	58		
Boom	08B35	3/25	16	58	Turn to 1500 (417v)	3/25	16	58	EO Lake Seaway	
Boom	08B36	3/25	20	04	Lake Saunders - 500/1000	3/25	20	13		
					380 turns (350v)					
Boom	08B37	3/25	20	13	(sink?) turn 20:16	3/25	20	19		
Boom	08B38	3/25	20	19		3/25	20	25		
Boom	08B39	3/25	20	25	Hole 20:29	3/25	20	32		
Boom	08B40	3/25	20	32	turn 20:35, turn 20:47	3/25	21	00	sled/phase moved back 2m	
					good data on ESE head of					
					rough in lake winds (choppy)					
					turn 20:54 sink 20:57					
Boom	08B41	3/25	21	00		3/25	21	08		
Boom	08B42	3/25	21	08	Sink 21:12	3/25	21	18		
Boom	08B43	3/25	21	18		3/25	21	32		
Boom	08B44	3/25	21	32	turn 21:39	3/25	21	42		
Boom	08B45	3/25	21	42	hole 21:44, turn 21:48	3/25	21	47		
Boom	08B46	3/25	21	47		3/25	21	56		
Boom	08B47	3/25	21	56	Adv 21:58 turn 22:03	3/25	22	04		
Boom	08B48	3/25	22	04		3/25	22	11		
Boom	08B49	3/25	22	11	Hole 22:17 turn 22:21	3/25	22	28		
					Turn 22:25	3/25				
Boom	08B50	3/25	22	28		3/25	22	35		
Boom	08B51	3/25	22	35		3/25	22	40		
Boom	08B52	3/25	22	40	turn 22:44	3/25	22	47		
Boom	08B53	3/25	22	47					EO Lake Saunders	Data backed up
Boom	08B54	3/26	13	13	Big Lake 500/1000, 1005	3/26	13	42	following shoreline (circle)	
					380 turns (350v)					
Boom	08B55	3/26	13	42		3/26	13	47		
Boom	08B56	3/26	13	47		3/26	13	54		

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Boom	08B57	3/26	13	54		3/26	13	56		
Boom	08B58	3/26	13	56		3/26	14	01		
Boom	08B59	3/26	14	01	turn 14:06	3/26	14	07		
Boom	08B60	3/26	14	07		3/26	14	10		
Boom	08B61	3/26	14	10		3/26	14	14		
Boom	08B62	3/26	14	14	turn 14:15	3/26	14	24		
Boom	08B63	3/26	14	24		3/26	14	32		
Boom	08B64	3/26	14	32		3/26	14	40		
Boom	08B65	3/26	14	40		3/26	14	44		
Boom	08B66	3/26	14	44		3/26	14	48		
Boom	08B67	3/26	14	48	Hold?	3/26	14	51		
Boom	08B68	3/26	14	51		3/26	14	56		
Boom	08B69	3/26	14	56		3/26	15	02		
Boom	08B70	3/26	14	58	turn 15:07	3/26	15	09		
Boom	08B71	3/26	15	09		3/26	15	12	EO Big Lake	
Boom	08B72	3/26	17	34	Lake Provett (shortened phase/sled by 2m 500/100, 320 vms. (3530) following shore (circle)	3/26	17	39		
Boom	08B73	3/26	17	39		3/26	17	41		
Boom	08B74	3/26	17	41	turn 17:42	3/26	17	43		
Boom	08B75	3/26	17	43	turn 17:44	3/26	17	46		
Boom	08B76	3/26	17	46	turn 17:48	3/26	17	49		
Boom	08B77	3/26	17	49	turn 17:51, turn 17:52	3/26	17	52		
Boom	08B78	3/26	17	52		3/26	17	53		
Boom	08B79	3/26	17	53		3/26	17	55	EO Lake Provett	
Boom	08B80	3/26	19	49	3 Island Lake	3/26	19	54		
Boom	08B81	3/26	19	54		3/26	20	00		
Boom	08B82	3/26	20	00	turn 20:01, turn 20:02	3/26	20	04		
Boom	08B83	3/26	20	04	turn 20:07 20:09 - 20:10 assigned	3/26	20	15		

Activity ID: 08LCA9				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)
Boom	08B84	3/26	20	15	aground 20:16	3/26	20	40		
					20:20 turn					
					20:24 turn					
					20:29 aground					
					20:33-20:34 aground					
					20:36 turn					
Boom	08B85	3/26	20	40	turn 20:41					
					turn 20:42					
					turn 20:43					
					turn 20:45					
					turn 20:48					
					turn 20:50				- data backed up	
Boom	08B86	3/27	13	42	Johns lake 500/100 JSPV	3/27	14	10		
					380V (350V)					
					phases sked - 2 m back -					
Boom	08B87		14	10		3/27	14	19		
Boom	08B88	3/27	14	19	turn 14:20	3/27	14	32		
Boom	08B89	3/27	14	32	-	3/27	14	40		
Boom	08B90	3/27	14	40	turn 14:43, turn 14:44	3/27	14	49		
					turn 14:46, turn 14:47					
Boom	08B91	3/27	14	49		3/27	14	55		
Boom	08B92	3/27	14	55	Boe? 15:00	3/27	15	09		
Boom	08B93	3/27	15	09		3/27	15	15		
Boom	08B94	3/27	15	15		3/27	15	22		
Boom	08B95	3/27	15	22	Hole? 15:24	3/27	15	31		
Boom	08B96	3/27	15	31	turn 15:33, HOLEC? 15:43	3/27	15	50		
Boom	08B97	3/27	15	50		3/27	15	55		
Boom	08B98	3/27	15	55	turn 15:58, turn 16:01	3/27	16	09		
Boom	08B99	3/27	16	09		3/27	16	16		
Boom	08B100	3/27	16	16	turn 16:17, Hole 16:20	3/27	16	24		
Boom	08B101	3/27	16	24	Engine stop 16:27, 16:28		16	39		

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	08B101	3/27	16	39	turn 16:34					
Boon	08B102	3/27	16	39	turn/aground 16:43 850 Ven (370v)	3/27	17	03		
					Turn 16:45					
					turn 16:47					
Boon	08B103	3/27	17	03	Eco-Thankless Honda 2000 candlelight in C-Boom 17:14	3/27	17	23		
Boon	08B104	3/27	17	23	High Voltage Power Lines	3/27	17	31		
Boon	08B105	3/27	17	31	380 Ven. 350V	3/27	17	39		
Boon	08B106	3/27	17	39	turn 17:34	3/27	17	45		
Boon	08B107	3/27	17	45	turn 17:49, turn 17:59	3/27	18	13		
					turn 18:05					
Boon	08B108	3/27	18	13		3/27	18	18		
Boon	08B109	3/27	18	18	Wale (?) 18:28	3/27	18	30		
Boon	08B110	3/27	18	30	turn 18:31, turn 18:35	3/27	18	39		
					turn 18:36					
Boon	08B111	3/27	18	39	H6 18:42	3/27	19	55		
Boon	08B112	3/27	18	55	turn 18:58, Refuel 19:20-19:25	3/27	19	50		
					turn 19:29, turn 19:35					
					turn 19:37, turn 19:40					
					turn 19:45, turn 19:48					
Boon	08B113	3/27	19	50	turn 19:54	3/27	20	19		
Boon	08B114	3/27	20	19		3/27	20	43		
Boon	08B115	3/27	20	43		3/27	20	49		
Boon	08B116	3/27	20	49		3/27	20	55		
Boon	08B117	3/27	20	55		3/27	21	07		
Boon	08B118	3/27	21	07		3/27	21	25		
Boon	08B119	3/27	21	23		3/27	21	25		
Boon	08B120	3/27	21	25	No GPS last Smith (dead)	3/27	21	36		
Boon	08B121	3/27	21	36		3/27	21	55		
Boon	08B122	3/27	21	55		3/27	22	16		
Boon	08B123	3/27	22	16		3/27	22	26		
Boon	08B124	3/27	22	26	Refuel 22:33-22:35 (stop)	3/27	22	40		

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Boom	08B125	3/27	22	40		3/27	22	53	EO Johns Lake - backed up		
Boom	08B126	3/28	13	29	Lake Okechowan Sapping 320 Vol (350V) Lilly Padson 160 13:34-13:40	3/27	13	43			
Boom	08B127	3/28	13	43	turn 13:44	3/27	13	45			
Boom	08B128	3/27	13	45		3/28	13	48			
Boom	08B129	3/28	13	48		3/28	13	51			
Boom	08B130	3/28	13	51	Circle turn 13:54 Lilly Padson 160 R57-14:00	3/28	14	01			
Boom	08B131	3/28	14	01	Continue 14:02-14:03 turn 14:06	3/28	14	08			
Boom	08B132	3/28	14	08		3/28	14	12			
Boom	08B133	3/28	14	12		3/28	14	13			
Boom	08B134	3/28	14	13		3/28	14	17			
Boom	08B135	3/28	14	17		3/28	14	22			
Boom	08B136	3/28	14	22		3/28	14	27			
Boom	08B137	3/28	14	27	turn 14:28	3/28	14	30			
Boom	08B138	3/28	14	30	turn 14:31	3/28	14	35			
Boom	08B139	3/28	14	35		3/28	14	37			
Boom	08B140	3/28	14	37	turn 14:39	3/28	14	42			
Boom	08B141	3/28	14	42		3/28	14	48			
Boom	08B142	3/28	14	45	ground 14:48-14:53	3/28	14	53			
Boom	08B143	3/28	14	53	turn 14:57-circle turn 15:01	3/28	15	02			
Boom	08B144	3/28	15	02		3/28	15	05			
Boom	08B145	3/28	15	05		3/28	15	08			
Boom	08B146	3/28	15	08	shadowline	3/28	15	20	EO Lake Okechowan		

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

GPS-TO-SHOT DISTANCE _____

SLED-TO-SHOT DISTANCE _____

STREAMER-TO-SHOT DISTANCE _____

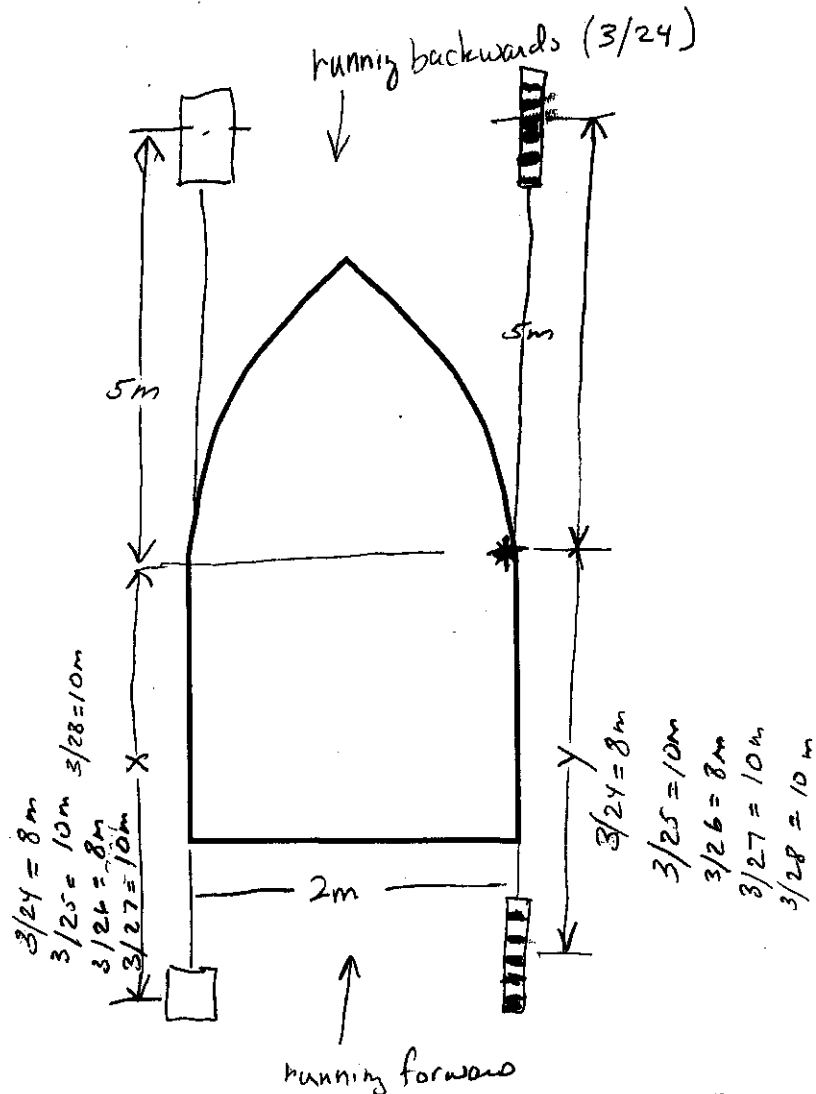
boomer

streamer |

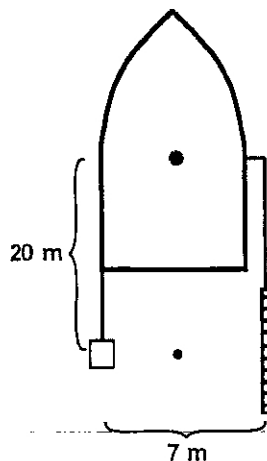
chirp ()

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BOOMER EXAMPLE



CHIRP EXAMPLE

