CRUISE CURATOR INVENTORY

GYRE-85-G-11

85035 INV

KLITGORD

85035
GYRE
85-11
104234

GYRE 85-G-11
Deep Crustal Seismic Survey - Gulf of Maine

2200Z/6 OCT 85		Depart Woods Hole, Mass	
0500Z/7 OCT 85	- 0900Z/7 OCT 85	Gravity Calibration Survey	
0900Z/7 OCT 85	- 0230Z/8 OCT 85	Deploy streamer and guns	
0233Z/8 OCT 85	- 0418Z/9 OCT 85	MCS line #1 Franklin Basin	2-540 cu.in guns
0418Z/9 OCT 85	- 0950Z/9 OCT 85	MCS line #2	"
1325Z/9 OCT 85	- 0016Z/10 OCT 85	MCS line #3	"
0016Z/10 OCT 85	- 0215Z/10 OCT 85	haul in gear - bad weather	
0215Z/10 OCT 85	- 1300Z/10 OCT 85	holding station for weather to improve	
1300Z/10 OCT 85	- 2200Z/11 OCT 85	OBS line #1 Franklin Basin	5-OBS's 1-2000 cu.in. gun
2200Z/11 OCT 85	- 1330Z/12 OCT 85	holding station for weather to improve	
1330Z/12 OCT 85	- 0900Z/13 OCT 85	OBS line #2. GSI Deep Crustal line	3-OBS's 1-2000 cu.in gun
0930Z/13 OCT 85	- 1445Z/13 OCT 85	Deploy streamer and guns	
1445Z/13 OCT 85	- 0236Z/14 OCT 85	MCS line #4 Franklin Basin	2-540 cu.in. airguns
0236Z/14 OCT 85	- 0758Z/14 OCT 85	MCS line #5	"
1000Z/14 OCT 85	- 1659Z/14 OCT 85	Streamer bouy repairs	
1659Z/14 OCT 85	- 1958Z/15 OCT 85	MCS line #6	"
2003Z/15 OCT 85	- 0503Z/16 OCT 85	MCS line #7 Ended with DFS-V Failure	"
0503Z/16 OCT 85	- 1415Z/16 OCT 85	haul in gear and DFS-V repairs	
1507Z/16 OCT 85	- 0020Z/18 OCT 85	OBS line #3	4-OBS's (1 lost) 2-2000 cu.in guns
0125Z/18 OCT 85	- 2230Z/18 OCT 85	OBS line #4	3-OBS's 2-2000 cu.in-guns
2356Z/18 OCT 85	- 1506Z/19 OCT 85	OBS line #5	3-OBS's 2-2000 cu.in. guns
1630Z/19 OCT 85	- 2000Z/19 OCT 85	Gravity Calibration Survey	
1624Z/19 OCT 85	- 1340Z/20 OCT 85	OBS line #6 GSI Deep Crustal line	3-OBS's 2-2000 cu.in gun
1340Z/20 OCT 85	- 1600Z/20 OCT 85	Pre survey Penobscot Bay seismic line (8)	
1800Z/20 OCT 85		Arrive Rockland, Maine	

Port call in Rockland to repair DFS-V

GYRE 85-G-11

Deep Crustal Seismic Survey - Gulf of Maine

- 2000Z/21 OCT 85	Depart Rockland
2000Z/21 OCT 85 - 2230Z/21 OCT 85	Steaming to north end of Penobscot Bay
2230Z/21 OCT 85 - 0140Z/22 OCT 85	Deploying airguns and streamer
0140Z/22 OCT 85 - 0512Z/22 OCT 85	MCS line #8 Penobscot Bay 2-540 cu.in. airguns
0512Z/22 OCT 85 - 0640Z/22 OCT 85	hauling in gear at north end of Lobster pot field at mouth of Penobscot Bay
0640Z/22 OCT 85 - 0900Z/22 OCT 85	steaming to south side of Lobster Pot field
0900Z/22 OCT 85 - 1150Z/22 OCT 85	Deploying streamer, but drifting into new lobster pot field, streamer birds caught and streamer broken
1150Z/22 OCT 85 - 1458Z/22 OCT 85	Retrieving streamer tail buoy and bringing streamer aboard backwards, coiled on deck.
1458Z/22 OCT 85 - 2200Z/22 OCT 85	Steaming to TAMU long-term Phys. Oceanog. Buoy
2200Z/22 OCT 85 - 2356Z/22 OCT 85	Monitoring TAMU Buoy
2356Z/22 OCT 85 - 1315Z/24 OCT 85	Magnetometer, 3.5 kHz, Sea Otter and Side Scan Survey of Fundy Fault Zone, streamer repairs.
1350Z/24 OCT 85 - 0032Z/26 OCT 85	OBS Line # 7 across Fundy Fault zone 4-OBS's 2-2000 cu.in guns
0032Z/26 OCT 85 - 0415Z/26 OCT 85	Steaming to OBS line #8
0415Z/26 OCT 85 - 2200Z/26 OCT 85	Holding station because of bad weather
2200Z/26 OCT 85 - 0330Z/28 OCT 85	OBS Line #8 across Mag-High Paralleling Body 3-OBS's 2-2000 cu.in guns
0330Z/28 OCT 85 - 1350Z/28 OCT 85	Holding station because of bad weather
1350Z/28 OCT 85 - 0430Z/29 OCT 85	Steaming to Woods Hole to repair compressor bad weather due to continue for 2 days
0430Z/29 OCT 85 - 1430Z/30 OCT 85	AT Woods Hole repairing compressor and waiting for weather to improve
1430Z/30 OCT 85 - 2038Z/30 OCT 85	Steam to MCS line
2038Z/30 OCT 85 - 0043Z/31 OCT 85	Deploying streamer
0043Z/31 OCT 85 - 0330Z/1 NOV 85	MCS line # 9 across Nauset-Fundy Fault system
0333Z/1 NOV 85 - 0533Z/2 NOV. 85	MCS line #10 along OBS line #7 "
0533Z/2 NOV 85 - 1209Z/2 NOV. 85	Transit without airguns firing but all equipment deployed Bad weather prevents data acquisition.

1209Z/2 NOV 85 - 1800Z/3 NOV 85	MCS line # 11 along OBS line #8
1800Z/3 NOV 85 - 2030Z/3 NOV 85	Hauling in gear
2030Z/3 NOV 85 - 0025Z/4 NOV 85	Steaming towards OBS line #9
0025Z/4 NOV 85 -	Bad weather at OBS site and poor weather forecast for next day cause termination of OBS plans and change course to Woods Hole
/4 NOV 85	Arrive in Woods Hole - end of Cruise

~~LORAN C NAVIGATION SHEETS~~
INVENTORY

MAGNETOMETER RECORDS

CRUISE I.D. & LEG GYRE-85-G-11
CHIEF SCI. Klitgord
SYSTEM TYPE
TIME ZONE (i.e., EST,EDT,Zulu) Z

~~**WHEN CHANGING THE CASSETTE--TEAR OFF SHEET~~

	EACH SHEET#	LINE #	START DATE YYMMDD 80JAN01	START TIME Z	END DATE YYMMDD 80JAN02	END TIME	REMARKS
	1	1	85 OCT 08	0233	85 OCT 08	0915	
Folder 1	2	1-2	85 OCT 08	0920	85 OCT 09	0450	
	3	2-3	85 OCT 09	0456	85 OCT 10	0016	GAP IN TIMES OK. WE WERE NOT RUNNING
	4	4-6	85 OCT 13	1530	85 OCT 14	1915	MAGY DURING this OBS WORK. ALREADY HAVE DENSE COVERAGE.
	5	6	85 OCT 14	1918	85 OCT 15	1730	
	6	6-7, OBS #3	85 OCT 15	1746	85 OCT 17	0052	
	7	OBS #'s 3-5	85 OCT 17	0056	85 OCT 19	0745	Includes Penobscot Bay Time
	8	OBS #5,6 & P.Bay	85 OCT 19	0747	85 OCT 20	1211	GAP OK - Port stop in Rockland - then streamer but
Folder 2	9	A, B	85 OCT 23	0022	85 OCT 23	1537	no magy because magy already run up Penobscot Bay.
	10	B, C, OBS #7	85 OCT 23	1540	85 OCT 25	0928	
	11	OBS #7, OBS 8, MCS 9	85 OCT 25	0933	85 OCT 31	0227	
	12	MCS-9, 10	85 OCT 31	0230	85 NOV 01	1130	
	13	10-11	85 NOV 01	1143	85 NOV 02	2103	
	14	11	85 NOV 02	2105	85 NOV 03	1800	

**ANY CHANGES IN CHANNEL CONTENTS
SHOULD BE INDICATED IN REMARKS COLUMN.

Digital
~~ANALOG~~ MAGTAPE
INVENTORY

DSF - V
(540 in³) x2 Airguns

P
C

CRUISE I.D. & LEG GYRE-85-G-11
CHIEF SCI. Klitgord
OF PACKED BOXES 14

Dave -
make sure tape #1 (~ Box 1)
is labeled correctly
85 OCT 08 0233 Z - 1817 Z

RECORDING SPEED (CAN VARY
TAPE WIDTH (Q=QUARTER H=HALF) ____
TIME ZONE Z
i.e., EST,EDT,Zulu

BOX# ~~TAPE #~~	LINE #	START DATE YYMMDD 80JAN01	START TIME	END DATE YYMMDD 80JAN02	END TIME	REMARKS
✓ 1	1	85 OCT 08	0233	85 OCT 08	1817	Reels 1 - 10 ✓
✓ 2	1-2	85 OCT 08	1817	85 OCT 09	0729	Reels 11 - 20 ✓
✓ 3	2-4	85 OCT 09	0729	85 OCT 13	1618	Reels 21 - 30 ✓
✓ 4	4-5	85 OCT 13	1619Z	85 OCT 14	0511	Reels 31 - 40 ✓
✓ 5	5-6	85 OCT 14	0511	85 OCT 15	0236	Reels 41 - 50 ✓
✓ 6	6	85 OCT 15	0236	85 OCT 15	1522	Reels 51-60 ✓
✓ 7	6-7	85 OCT 15	1522	85 OCT 16	0350	Reels 61 - 70 ✓
✓ 8	7-9	85 OCT 16	0350	85 OCT 31	0640	Reels 71 - 80
9	9	85 OCT 31	0640	85 OCT 31	2051	Reels 81 - 90
10	9-10	85 OCT 31	2051	85 NOV 01	0802	Reels 91-100
11	10	85 NOV 01	0802	85 NOV 01	2222	Reels 101 - 110
12	10-11	85 NOV 01	2222	85 NOV 02	2252	Reels 111 - 120
13	11	85 NOV 02	2252	85 NOV 03	1019	Reels 121 - 130
14	11	85 NOV 03	1020	85 NOV 03	1500	Reels 131 - 137 EOL 11 Last Reel of cruise = 137

**MAKE SURE ALL FOLDERS ARE IN SEQUENTIAL DATE/LINE # ORDER PER INDIVIDUAL SYSTEM & KEEP SEPARATE--BEFORE INVENTORYING.

Sea Otter

SEISMIC ANALOG RECORD INVENTORY

~~3.5 kHz Bathymetry~~

CRUISE I.D. & LEG GYRE-85-G-11 Gulf of Maine

CHIEF SCI. Kim Klitgord

SYSTEM TYPE Sea Otter (Huntec) Uniboom

(INDICATE ANY DATA BEING BROUGHT HOME SEPARATELY BY CHIEF SCIENTIST OR ANY OTHER MEANS.)

TIME ZONE Z

i.e., EST,EDT,Zulu-DO NOT USE A.M.-P.M.

Folder #1 of 1

Roll # ~~FOLDER #~~	LINE #	START DATE YYDDMM 80JAN01	START TIME	END DATE YYDDMM 80JAN02	END TIME	REMARKS
1	ABC	85OCT23	0545	85OCT24	0232	EPC Recorder
2	OBS#7, C	85OCT24	0242	85OCT24	1318	EPC
3		85OCT27	0533	85OCT31	1115	EPC
4	9,10	85OCT31	1125	85NOV02	0045	EPC Recorder } Rolls 4 & 5 recording simultaneously
5	9,10	85NOV01	0017	85NOV02	0145	Raytheon Recorder } on 2 different Recorders

**MAKE SURE ALL FOLDERS ARE IN SEQUENTIAL DATE/LINE # ORDER PER INDIVIDUAL SYSTEM & KEEP SEPARATE--BEFORE INVENTORYING.

SEISMIC ANALOG RECORD INVENTORY

SIDE SCAN SONAR

CRUISE I.D. & LEG GYRE-85-6-11
CHIEF SCI. KLITGORD
SYSTEM TYPE Klein Side Scan Sonar

(INDICATE ANY DATA BEING BROUGHT HOME SEPARATELY BY CHIEF SCIENTIST OR ANY OTHER MEANS.)

TIME ZONE Z
i.e., EST,EDT,Zulu-DO NOT USE A.M.-P.M.

FOLDER #	LINE #	START DATE YYDDMM 80JAN01	START TIME	END DATE YYDDMM 80JAN02	END TIME	REMARKS
Roll 1	B	85OCT23	1315	85OCT23	2240	

**MAKE SURE ALL FOLDERS ARE IN SEQUENTIAL DATE/LINE # ORDER PER INDIVIDUAL SYSTEM & KEEP SEPARATE--BEFORE INVENTORYING.

SEISMIC ANALOG RECORD
INVENTORY

NEAR TRACE RECORD

CRUISE I.D. & LEG GYRE-85-6-11
CHIEF SCI. Kim Klitgord
SYSTEM TYPE Near Trace Analog Recorder (EPC)
Channel 24
540 in^3 x 2 Airguns
filter 10-64 Hz

(INDICATE ANY DATA BEING BROUGHT HOME SEPARATELY BY CHIEF SCIENTIST OR ANY OTHER MEANS.)

TIME ZONE Z
i.e., EST,EDT,Zulu-DO NOT USE A.M.-P.M.

Roll # ~~FOLDER #~~	LINE #	START DATE YYDDMM/ 80JAN01	START TIME	END DATE YYDDMM 80JAN02	END TIME	REMARKS
1	TEST 1,2	85OCT07	2300	85OCT 09	0950	
2	3-7	85 OCT 09	1400	85 OCT 16	0500	
3	8-11	85 OCT 22	0200	85 NOV 03	1730	

Folder 1

ANALOG MAGTAPE
INVENTORY

OBS - SHOT PHONE ANALOG TAPE

SHIP SOURCE (2000 in³) x 1 or 2 (see logbook) AIRGUN
CRUISE I.D. GYRE-85-G-11
CHIEF SCI. KLITGORD

CONTENTS OF CHANNELS & MODE (D-DIRECT F-FM)

1. _____ ___ 5. _____ ___
2. _____ ___ 6. _____ ___
3. _____ ___ 7. _____ ___
4. _____ ___

these changed — see back of box

RECORDING SPEED (CAN VARY) 15/32
TAPE WIDTH (Q=QUARTER H=HALF) ____ LENGTH (IN 100'S) ____

BOX ~~TAPE~~ #	OBS LINE #	START DATE YYMMDD	START TIME Z	END DATE YYMMDD	END TIME	TIME ZONE	REMARKS
1	1-6	85 OCT 10	2300	85 OCT 20	0700	Z	TAPES 1-10 ✓
2	1-8	85 OCT 20	0726	85 OCT 27	2110	Z	TAPES 10-17 ✓

**ANY CHANGES IN CHANNEL CONTENTS
SHOULD BE INDICATED IN REMARKS COLUMN.

ANALOG MAGTAPE
INVENTORY

SBA OTTER RECORD (MAGTAPE)

CRUISE I.D. & LEG GYRE-85-G-11
CHIEF SCI. KLITGORD
OF PACKED BOXES 1 (4 Reels)

PRELIMINARY
CONTENTS OF CHANNELS & MODE (D-DIRECT F-FM)

1.	SEISMIC	D	5.		
2.	TRIG	D	6.		
3.	TCODE	D	7.		
4.					

RECORDING SPEED (CAN VARY)_____
TAPE WIDTH (Q=QUARTER H=HALF) ____ LENGTH (IN 100'S) _____
TIME ZONE_____
i.e., EST,EDT,Zulu

TAPE #	LINE #	START DATE YYMMDD 80JAN01	START TIME	END DATE YYMMDD 80JAN02	END TIME	REMARKS
1		85OCT31	2100	85NOV01	0853	
2		85NOV01	0858	85NOV01	1719	
3		85NOV01	1722	85NOV01	2340	
4		85NOV01	2345	85NOV02	0157	

**MAKE SURE ALL FOLDERS ARE IN SEQUENTIAL DATE/LINE # ORDER PER INDIVIDUAL SYSTEM & KEEP SEPARATE--BEFORE INVENTORYING.

SEISMIC ANALOG RECORD INVENTORY

3.5 kHz & 12 kHz

Bathymetry

EPC & Raytheon Recorders

CRUISE I.D. & LEG GYRE-85-G-11
CHIEF SCI. Klitgord
SYSTEM TYPE 3.5 Khz

(INDICATE ANY DATA BEING BROUGHT HOME SEPARATELY BY CHIEF SCIENTIST OR ANY OTHER MEANS.)

TIME ZONE Z
i.e., EST, EDT, Zulu-DO NOT USE A.M.-P.M.

	Roll # ~~FOLDER~~ #	LINE #	START DATE YYDDMM 80JAN01	START TIME Z	END DATE YYDDMM 80JAN02	END TIME Z	REMARKS
Folder 1	1	Testing	85OCT07	0925Z	85OCT07	2240Z	Test before line 1 EPC
	2	Line 1	85OCT07	2250Z	85OCT08	2030	Line 1 EPC
	3	OBS1 MCS1-3	85OCT08	2045Z	85OCT10	1550	MCS 1-3 OBS 1 EPC
Folder 2	4	OBS 1+2	85OCT10	1750	85OCT13	0325	MCS ~~[illegible]~~ OBS 1+2 EPC
	5	MCS ~~[illegible]~~ 4-7	85OCT ~~[illegible]~~ 13	1445	85OCT16	0400	MCS ~~[illegible]~~ 4-7 OBS none EPC
Folder 3	6	OBS 3	85OCT16	1447	85OCT17	1131	Raytheon Recorder OB3 instead of EPC recorder
	7	OBS 4	85OCT18	0121	85OCT18	1323	Raytheon OBS 4
	8	OBS4-6 Grav Cal	85OCT18	1330	85OCT20	0800	Raytheon OBS 4-6 MCS none Grav calibration
Folder 4	9	Penobscott Bay	85OCT20	1345	85OCT22	0045	EPC Recorder presurvey of Penobscott Bay
	10	MCS 8	85OCT22	0100	85OCT22	0800	EPC MCS 8 Broken streamer
	11	Line A, B, C	85OCT23	0141	85OCT24	1035	Raytheon Line A, B, C
Folder 5	12	Line C & OBS line 7	85OCT24	1108	85OCT26	0507	Raytheon Line C, OBS 7 + steam to OBS 8
	13	MCS 9 OBS 8	85OCT26	2205	85OCT31	1915	Raytheon OBS 8 MCS 9 (* See Often used for bathymetry on Line 9 until
Folders #1 of 1	14	line 9 MCS 9	85OCT31	1924	85NOV2	2130	Raytheon MCS 9-11 ~~OBS 7-8~~ 1725Z 85OCT31)
	15	Line 11 MCS 9 ~~OBS 8~~	85NOV2	2240	85NOV3	1151	12 Khz Raytheon
	16	Line 11 MCS 9 ~~OBS 8~~	85NOV3	1200	85NOV3	2036	12 Khz Raytheon

1. PLEASE KEEP RELATED DATA TOGETHER.

2. PLEASE INDICATE WHEREABOUTS OF ALL DATA WHEN PACKING.

3. ALL PIECES ARE TO BE ANNOTATED WITH:
   CRUISE I.D. & LEG
   CHIEF SCIENTIST
   START-END CRUISE
   WITH HAND DRAFTED MAPS-INDICATE PROJECTION AND/OR N.O.S. CHART BASE.

DATA TYPES
LOGBOOKS-TRACKCHARTS
MISCELLANEOUS

DSF-V CAMERA RECORD
(24 chan. streamer)
(540 in³) x 2 Airgun seismic

CRUISE I.D. & LEG GYRE-85-G-11
CHIEF SCI. Klitgord

Total of 24 Rolls

Roll # ~~TAPE~~ #	LINE #	START DATE YYMMDD 80JAN01	START TIME Z	END DATE YYMMDD 80JAN02	END TIME Z	REMARKS
						Line 1: files 306 – 4841 record approx. each 30 minu
1	1	85 OCT 07	0230	85 OCT 08	2000	~~Pre Line 1 tests~~ & Line 1 thru 2000z
2	1-3	85 OCT 08	2030	85 OCT 09	1500	Line 1 file 5102 – Line 3 file 0353
3	3	85 OCT 09	1505	85 OCT 10	0000	Line 3: files 378 thru 2798
4	4	85 OCT 13	1446	85 OCT 13	1600	Line 4: files 006 thru 366 (no camera record for last couple days because
5	4	85 OCT 13	1612	85 OCT 13	1612	tests – channel 7 dead. files 421-423. we were shooting only OBS – no multichan
6	4	85 OCT 13	1630	85 OCT 13	1630	~~files~~ file 503. end of paper.
~~7~~	~~4~~	~~85 OCT 13~~	~~1900~~	~~85 OCT 14~~	~~0151~~	~~Line 4: files 1205 thru 3387~~
7	4	85 OCT 13	1700	85 OCT 13	1847	Line 4: files 622 – 1130
8	4	85 OCT 13	1900	85 OCT 14	0151	Line 4: files 1205 thru 3387
9	4-6	85 OCT 14	0220	85 OCT 14	1800	Line 4 file 3558 — line 6 file 0252.
10	6	85 OCT 14	1800	85 OCT 14	1900	Line 6 files 238 – 507
11	6	85 OCT 14	1920	85 OCT 15	0120	Line 6 files 572 – 2470 ITB errors on DSF-V
12	6	85 OCT 15	0130	85 OCT 15	0601	Line 6 files 2530 – 4228 so we generated more
13	6	85 OCT 15	0601	85 OCT 15	0900	Line 6 files 4229 – 4837 camera records to match
14	6-7	85 Oct 15	0939	85 Oct 15	2005	Line 6 files 5019 – 8490 line 7 files 1-27 errors.
15	7	85 Oct 15	2013	85 Oct ~~16~~ 17	0800	Line 7 files 57 – 2793 plus tests when DSF-V down at 0503Z
16	8	85 OCT 22	0145	85 OCT 22	1030	Line 8 files 0026 – 1020 plus tests during streamer deployment & loss.
17	9	85 OCT 30	2035	85 OCT 31	1000	Line 9 files 0037 – 2998 plus pre-Line 9 tests
18	9	85 OCT 31	1023	85 OCT 31	2200	Line 9 files 3095 – ≈6498?
19	9-10	85 OCT 31	2251	85 NOV 01	1300	Line 9 file 6803 — line 10 file 3283
20	10	85 NOV 01	1314	85 NOV 01	2247	Line 10 files 3328 – 5982
21	10	85 NOV 01	2308	85 NOV 02	0534	Line 10 files 6065 – 7470
22	11	85 NOV 02	1210	85 NOV 02	1900	Line 11 files 004 – 1452
23	11	85 NOV 02	1931	85 NOV 03	0700	Line 11 files 1560 – 4329
24	11	85 NOV 03	0731	85 NOV 03	1840	Line 11 files 4452 – 6739 (E.O.L.)

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   CRUISE I.D. & LEG
   CHIEF SCIENTIST
   START-END CRUISE
   WITH HAND DRAFTED MAPS-INDICATE PROJECTION AND/OR N.O.S. CHART BASE.

DATA TYPES
LOGBOOKS-TRACKCHARTS
MISCELLANEOUS

GULF OF MAINE

CRUISE I.D. & LEG GYRE-85-G-11
CHIEF SCI. KLITGORD

TAPE #	LINE #	START DATE YYMMDD 80JAN01	START TIME	END DATE YYMMDD 80JAN02	END TIME	REMARKS
						GEOPHYSICS LOG BOOK
						DSF V LOG
						OBSERVER'S MARINE REPORT
						TRACK CHART