

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PC
Julian Day: 048
Date: 02/17/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
14:39:13			OEMBA04048.D06				MB FILE CHANGE
17:37:59			OEMBA04048.D07				MB FILE CHANGE
17:46:19							SVP OESVP04048.D01 TAKEN
17:46:44							SVP OESVP04048.D01 APPLIED
17:48:57							DRAFT CHANGED TO 1.400000 METERS
17:58:15			OEMBA04048.D08				MB FILE CHANGE
18:08:50							LEAD LINE: OEHMBA04048.D07
23:27:56				1100			RPM CHANGE
23:29:49							TESTING FORCE ACQUIRE AND ABORT LINE FUNCTIONS
23:29:50	LB	CA_PT-8	OEMBA04048.D08	1100			FORCE ACQUIRED
23:29:56	LE	CA_PT-8					
23:30:09			OEMBA04048.D09				MB FILE CHANGE
23:34:46							SVP OESVP04048.D02 TAKEN: SENSOR ID # 4881. COMPARISON CAST WITH OEMBA04048.D03
23:35:01							SVP OESVP04048.D02 APPLIED
23:42:13							SVP OESVP04048.D03 TAKEN: SENSOR ID # 4880. COMPARISON CAST WITH OEMBA04048.D02
23:43:17							SVP OESVP04048.D03 APPLIED
23:43:31			OEMBA04048.D10				MB FILE CHANGE
23:56:25							SVP COMPARISON CAST TAKEN OEMBA04048.D02 AND OEMBA04048.D03

SAIC Client: USGS/UNH
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Watchstander: PLD/PC
Julian Day: 049
Date: 02/18/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
00:19:41			OEMBA04049.D01		OEXTF04049.D01		MB FILE CHANGE
00:19:41							SVP OESVP04048.D03 APPLIED
00:37:51			OEMBA04049.D02		OEXTF04049.D02		MB FILE CHANGE
00:43:54			OEMBA04049.D03		OEXTF04049.D03		MB FILE CHANGE
00:43:54							SVP OESVP04048.D03 APPLIED
01:46:40			OEMBA04049.D04		OEXTF04049.D04		MB FILE CHANGE
01:46:40							SVP OESVP04048.D03 APPLIED
12:11:57							DRAFT TAKEN 1.41 ENTERED IN ISSC
12:22:39							SVP OESVP04048.D03 APPLIED
12:23:45							DRAFT CHANGED TO 1.410000 METERS
12:41:00							DEPARTED FROM DOCK
12:41:18	LB	CA_PT-7	OEMBA04049.D04	1100	OEXTF04049.D04	N/A	MAIN: FORCE ACQUIRED: LOGGING DATA DURING TRANSIT FROM DOCK THROUGH CHANNEL
12:50:08	LE	CA_PT-7					ABORT LINE: STOPPED LOGGING OF DATA THROUGH CHANNEL
12:50:19			OEMBA04049.D05		OEXTF04049.D05		MB FILE CHANGE
13:14:50			OEMBA04049.D06		OEXTF04049.D06		MB FILE CHANGE
13:37:12							POS HEADING WAS OUT OF SPEC. STARTED FIGURE 8S AND SET GAMS THRESHOLD TO 3.0. POS ACQUIRED HEADING. RESET GAMS HEADING THRESHOLD TO 1.0 AND STARTED FOR PATCH TEST SITE.
13:38:59							WIND 10-15 KNOTS, DIRECTION NNE, WAVE HEIGHT 1-3 FEET, VISIBILITY 5 NMI
13:51:33							SVP OESVP04049.D01 TAKEN: SENSOR ID # 4880
13:51:53							SVP OESVP04049.D01 APPLIED
13:55:32	LB	CA_PT-8	OEMBA04049.D07	600	OEXTF04049.D07	69	MAIN: FORCE ACQUIRED: ROLL/PITCH LINE
14:00:33	LE	CA_PT-8					
14:03:48	LB	CA_PT-8	OEMBA04049.D08	800	OEXTF04049.D08	249	MAIN: ROLL/PITCH LINE
14:06:09	LE	CA_PT-8					
14:09:47	LB	CA_PT-8	OEMBA04049.D09	800	OEXTF04049.D09	69	MAIN: FORCE ACQUIRED: ROLL/PITCH LINE
14:13:20	LE	CA_PT-8					
14:16:37	LB	CA_PT-6	OEMBA04049.D10	800	OEXTF04049.D10	249	MAIN: GYROLINE
14:19:00	LE	CA_PT-6					
14:21:47	LB	CA_PT-10	OEMBA04049.D11	800	OEXTF04049.D11	69	MAIN: GYRO LINE
14:25:13	LE	CA_PT-10					
14:53:46							NO CHANGES TO THE ROLL, PITCH OR GYRO WERE MADE. ROLL = 0.47, PITCH = -1.4, GYRO = 0.8
14:56:58							CLASS 1 RESET TO 5 DEGREES AND CLASS 2 SET TO 57 DEGREES
15:35:57							SVP OESVP04049.D02 TAKEN: SENSOR ID # 4880
15:36:32							SVP OESVP04049.D02 APPLIED
15:41:12	LB	CA-2400	OEMBA04049.D12	1100	OEXTF04049.D12	339	MAIN: FORCE ACQUIRED:

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UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
15:43:31	LE	CA-2400					ABORT LINE: LINE AZIMUTH INCORRECT HAD TO ABORT LINE AND CHANGE DIRECTION
15:43:41	LB	CA-2400		1100		339	MAIN: FORCE ACQUIRED:
15:44:23							ARRIVE AT SITE
15:46:59				1000			RPM CHANGE
15:53:09							WIND 15-20 KNOTS, DIRECTION NNE, WAVE HEIGHT 3-5 FEET, VISIBILITY 5 NMI
15:55:03							TIME WINDOW ON 1543-1544 LINE AZIMUTH ENTERED IN THE WRONG DIRECTION
16:00:27							DECREASED RPM TO 1000 TO TRY AND GET BETTER DATA.
16:05:45							UPPED THE AUTO PILOT GAIN TO 25
16:11:25	LE	CA-2400					ABORT LINE: ABORT LINE TO HEAD IN THE OTHER DIRECTION
16:12:41	LB	CA-2404	OEMBA04049.D13	1000	OEXTF04049.D13	159	MAIN: FORCE ACQUIRED:
16:12:48	LE	CA-2404					ABORT LINE: CHANGE AZIMUTH
16:12:58	LB	CA-2404		1000		159	MAIN: FORCE ACQUIRED:
16:24:51	LE	CA-2404					ABORT LINE: HEADING ERROR NOT RESOLVED IN POS
16:27:39							HEADING ON POS WENT TO AN ACCURACY OF 0.3
16:51:31							GOT POS TO RE ESTABLISH CARRIER PHASE AND HEADING IS NOW 0.02 IN ACCURACY
16:51:48	LB	CA-2404	OEMBA04049.D14	1000	OEXTF04049.D14	159	MAIN: FORCE ACQUIRED: PICKED UP LINE 2404 FROM WHERE THE ORIGINAL START WAS TO RE-RUN ALL OF PREVIOUSLY COLLECTED DATA
17:07:54							SVP OESVP04049.D03 TAKEN: SENSOR ID # 4880
17:07:59							WIND 15-20 KNOTS, DIRECTION NNE, WAVE HEIGHT 4-5 FEET, VISIBILITY 5 NMI
17:08:03							SVP OESVP04049.D03 APPLIED
17:18:06	LE	CA-2404					ABORT LINE: ABORT LINE AT THE 30M SURVEY BOUNDS
17:30:40							DEPART SURVEY AREA FOR THE MARINA
17:31:01							WIND 20-25 KNOTS, DIRECTION NNE, WAVE HEIGHT 4-6 FEET, VISIBILITY 4 NMI
18:49:51	LB	CA-2404	OEMBA04049.D15	1000	OEXTF04049.D15		MAIN: FORCE ACQUIRED: TO GATHER DATA IN CANAL BUT LINE WAS INCORRECT TO DO SO
18:49:52	LE	CA-2404					
18:50:05	LB	CA-2404		1000			MAIN: FORCE ACQUIRED: ACQUIRED TO COLLECT DATA IN CANAL BUT LINE WAS INCORRECT TO DO SO
18:50:06	LE	CA-2404					
18:50:14	LB	CA-2400		1000			MAIN: FORCE ACQUIRED: GATHERING DATA IN CANAL
19:09:23	LE	CA-2400					ABORT LINE

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Watchstander: PLD/PC
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UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
19:10:47							CAUGHT POT COMING INTO DOCK. KILLED ENGINE. CAUGHT IN CURRENT AND WIND GOING DOWN CANAL SIDEWAYS, DROPPED ANCHOR TO TURN BOAT BEFORE BRIDGE. GOT BACK TO DOCK.
19:20:04			OEMBA04049.D16		OEXTF04049.D16		MB FILE CHANGE
19:20:30			OEMBA04049.D17		OEXTF04049.D17		MB FILE CHANGE
19:25:36							ARRIVED AT DOCK

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UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
12:47:40			OEMBA04054.D01		OEXTF04054.D01		MB FILE CHANGE
12:47:40							SVP OESVP04049.D03 APPLIED
13:08:13							DRAFT TAKEN 1.41 ENTERED IN RESON DTC
13:09:28							WIND 15-20 KNOTS, DIRECTION NW, WAVE HEIGHT N/A FEET, VISIBILITY 4 NMI
13:15:23							SVP OESVP04054.D01 TAKEN: SENSOR ID # 4880
13:16:11							SVP OESVP04054.D01 APPLIED
13:20:09							TIDE CORRECT DISABLED IN RESON DTC
13:25:20			OEMBA04054.D02		OEXTF04054.D02		MB FILE CHANGE
13:36:40							LEAD LINE: MB FILE 054.D01
16:22:36							DEPARTED FROM DOCK: HEADING TO SURVEY SITE.
16:57:32							HEADING ACCURACY ON POS IS OUT OF RANGE HAVE SLOWED THE SPEED TO 800 RPM AND RUNNING FIGURE 8S.
17:08:51							HEADING IN POS HAS SETTLED. BUMPED THE GAMS PARAMETERS TO 5 AND AS THE HEADING ACCURACY BECAME GOOD SET THE GAMS PARAMETER TO THE DEFAULT 3.
17:27:08			OEMBA04054.D03		OEXTF04054.D03		MB FILE CHANGE
17:40:00							ARRIVE AT SURVEY SITE
17:40:36							SVP OESVP04054.D02 TAKEN: SENSOR ID # 4880
17:40:41							SVP OESVP04054.D02 APPLIED
17:42:20	LB	CA-2400	OEMBA04054.D03	1100	OEXTF04054.D03	159	FORCE ACQUIRED
18:03:36				1200			RPM CHANGE
18:05:20				1000			RPM CHANGE
18:05:41				800			RPM CHANGE
18:06:14				600			RPM CHANGE
18:07:20				800			RPM CHANGE
18:08:43				1000			RPM CHANGE
18:10:06							SVP OESVP04054.D03 TAKEN
18:10:26				1200			RPM CHANGE
18:10:30							SVP OESVP04054.D03 APPLIED
18:26:58			OEMBA04054.D04		OEXTF04054.D04	339	MB FILE CHANGE
18:27:00							MULTIBEAM FILE NAME WAS CHANGED TO 054.D04
18:35:21							WIND 15-20 KNOTS, DIRECTION NW, WAVE HEIGHT 2-3 FEET, VISIBILITY 5 NMI
18:41:26				1000			RPM CHANGE
18:41:53				800			RPM CHANGE
18:42:18				600			RPM CHANGE
18:43:41				800			RPM CHANGE
18:44:24				1000			RPM CHANGE
18:46:23							SVP OESVP04054.D04 TAKEN

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18:46:26				1200			RPM CHANGE
18:46:37							SVP OESVP04054.D04 APPLIED
19:05:23	LE	CA-2400					
19:07:03	LB	CA-2396	OEMBA04054.D05	1200	OEXTF04054.D05	159	MAIN:
19:07:05				1100			RPM CHANGE
20:14:11				1000			RPM CHANGE
20:14:29				800			RPM CHANGE
20:14:55				600			RPM CHANGE
20:16:22				800			RPM CHANGE
20:16:49				1000			RPM CHANGE
20:17:21				1100			RPM CHANGE
20:18:36							SVP OESVP04054.D05 TAKEN
20:18:45							SVP OESVP04054.D05 APPLIED
20:27:01	LE	CA-2396					ABORT LINE: ABORT LINE AT BID SURVEY AREA BOUNDARY
20:28:47	LB	CA-2392	OEMBA04054.D06	1200	OEXTF04054.D06	339	MAIN: FORCE ACQUIRED: AT BID SURVEY BOUNDARY
21:23:36				1000			RPM CHANGE
21:23:46				800			RPM CHANGE
21:24:11				600			RPM CHANGE
21:25:18				800			RPM CHANGE
21:25:43				1000			RPM CHANGE
21:26:36				1200			RPM CHANGE
21:27:43							SVP OESVP04054.D06 TAKEN
21:27:51							SVP OESVP04054.D06 APPLIED
21:36:26	LE	CA-2392					ABORT LINE: ABORTING MAIN SCHEME LINE TO PICK UP CROSSLINE
21:39:16	LB	30_C-9002	OEMBA04054.D07	1200	OEXTF04054.D07	249	CROSS: FORCE ACQUIRED:
21:39:17							FORCE ACQUIRED CROSSLINE
21:52:33				1000			RPM CHANGE
21:57:22							SVP OESVP04054.D07 TAKEN
21:57:37							SVP OESVP04054.D06 APPLIED
21:57:41							SVP OESVP04054.D06 APPLIED
22:01:10							SVP OESVP04054.D08 TAKEN
22:01:28							SVP OESVP04054.D08 APPLIED
22:08:52	LE	30_C-9002					ABORT LINE: ABORTING CROSSLINE: BECOMING SHOAL.
22:22:00	LB	30_C-9003	OEMBA04054.D08	1000	OEXTF04054.D08	069	CROSS: FORCE ACQUIRED: CROSSLINE
22:25:55							SVP OESVP04054.D09 TAKEN
22:26:59				1200			RPM CHANGE
22:39:47				1000			RPM CHANGE
22:45:05							SVP OESVP04054.D10 TAKEN
22:47:03							SVP OESVP04054.D10 APPLIED

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UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
22:58:29				1200			RPM CHANGE
23:00:34							SVP OESVP04054.D06 APPLIED
23:09:18							WIND 15-20 KNOTS, DIRECTION NW, WAVE HEIGHT 2-3 FEET, VISIBILITY NIGHT NMI
23:12:31				1100			RPM CHANGE
23:13:27				800			RPM CHANGE
23:13:59				600			RPM CHANGE
23:19:10							SVP OESVP04054.D11 TAKEN
23:19:20							SVP OESVP04054.D11 APPLIED
23:19:43				800			RPM CHANGE
23:20:16				1000			RPM CHANGE
23:20:57				1200			RPM CHANGE
23:30:22	LE	30_C-9003					
23:45:42	LB	30_C-9002	OEMBA04054.D09	1200	OEXTF04054.D09	248	CROSS:

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UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
00:00:01							FILE NAME CHANGE AT THE START OF A NEW DAY OEMBA04055.D01
00:00:01			OEMBA04055.D01		OEXTF04055.D01		MB FILE CHANGE
00:08:59							MOTION CORRECT FAILURE AT THE START OF AN AUTO ARCHIVE
00:22:26	LE	30_C-9002					ABORT LINE: ABORT PARTIAL CROSSLINE TO PICK UP PARTIAL MAINScheme
00:25:38	LB	CA-2392	OEMBA04055.D02	600	OEXTF04055.D02	339	MAIN: FORCE ACQUIRED: PICKED MAIN BACK UP WHERE WE BROKE EARLIER
00:27:28				800			RPM CHANGE
00:28:07				1000			RPM CHANGE
00:29:41							SVP OESVP04055.D01 TAKEN
00:29:59							SVP OESVP04055.D01 APPLIED
00:30:04				1200			RPM CHANGE
00:42:11	LE	CA-2392					
00:43:06							WIND 15-20 KNOTS, DIRECTION NW, WAVE HEIGHT 2-3 FEET, VISIBILITY NIGHT NMI
00:44:04	LB	CA-2388	OEMBA04055.D03	800	OEXTF04055.D03	159	MAIN:
00:44:30				600			RPM CHANGE
00:46:41				800			RPM CHANGE
00:47:28				1000			RPM CHANGE
00:48:33							SVP OESVP04055.D02 TAKEN
00:48:44							SVP OESVP04055.D02 APPLIED
00:49:03				1100			RPM CHANGE
01:00:55							SVP OESVP04055.D01 APPLIED
01:01:01							REAPPLY OESVP04055.D01
02:06:55	LE	CA-2388					ABORT LINE: ABORTING LINE: BID SURVEY AREA
02:08:23	LB	CA-2384	OEMBA04055.D04	1100	OEXTF04055.D04	339	MAIN: FORCE ACQUIRED: FORCE ACQUIRED AT BID SURVEY AREA
02:09:21				1200			RPM CHANGE
02:17:37							WIND 15-20 KNOTS, DIRECTION NW, WAVE HEIGHT 2-3 FEET, VISIBILITY NIGHT NMI
02:29:10				1100			RPM CHANGE
02:29:35				800			RPM CHANGE
02:31:22				600			RPM CHANGE
02:35:12							SVP OESVP04055.D03 TAKEN
02:35:38							SVP OESVP04055.D03 APPLIED
02:36:08				800			RPM CHANGE
02:38:38				1200			RPM CHANGE
03:32:58	LE	CA-2384					

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03:34:57	LB	CA-2380	OEMBA04055.D05	1100	OEXTF04055.D05	159	MAIN:
03:35:44				1000			RPM CHANGE
03:35:59				800			RPM CHANGE
03:36:05				600			RPM CHANGE
03:41:50							SVP OESVP04055.D04 TAKEN
03:42:11				800			RPM CHANGE
03:42:25							SVP OESVP04055.D04 APPLIED
03:42:54				1100			RPM CHANGE
04:27:18				900			RPM CHANGE
04:27:57				600			RPM CHANGE
04:30:45				800			RPM CHANGE
04:31:28				1000			RPM CHANGE
04:32:01				1100			RPM CHANGE
04:33:49							SVP OESVP04055.D05 TAKEN
04:34:01							SVP OESVP04055.D05 APPLIED
05:00:12	LE	CA-2380					ABORT LINE: ABORT AT SOW SURVEY AREA BOUNDARY
05:02:24	LB	CA-2376	OEMBA04055.D06	1100	OEXTF04055.D06	339	MAIN: FORCE ACQUIRED: START LINE AT SOW SURVEY AREA BOUNDARY
05:03:22				1200			RPM CHANGE
05:52:13				1000			RPM CHANGE
05:52:34				800			RPM CHANGE
05:52:57				600			RPM CHANGE
05:55:34				800			RPM CHANGE
05:56:04				1000			RPM CHANGE
05:56:43				1200			RPM CHANGE
05:58:46							SVP OESVP04055.D06 TAKEN
06:23:59	LE	CA-2376					
06:25:38	LB	CA-2372	OEMBA04055.D07	1100	OEXTF04055.D07	159	MAIN:
07:14:25				800			RPM CHANGE
07:14:57				600			RPM CHANGE
07:17:33				800			RPM CHANGE
07:18:16				1000			RPM CHANGE
07:18:51				1100			RPM CHANGE
07:21:24							SVP OESVP04055.D07 TAKEN
07:21:37							SVP OESVP04055.D07 APPLIED
07:47:47	LE	CA-2372					ABORT LINE: BROKE LINE AT THE SOW SURVEY AREA BOUNDARY
07:49:50	LB	CA-2368	OEMBA04055.D08	1200	OEXTF04055.D08	339	MAIN: FORCE ACQUIRED:
08:36:13				1000			RPM CHANGE
08:37:06				600			RPM CHANGE

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Julian Day: 055
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UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
08:43:14							SVP OESVP04055.D08 TAKEN
08:43:34							SVP OESVP04055.D08 APPLIED
08:43:50				1000			RPM CHANGE
08:44:16				1200			RPM CHANGE
09:12:35	LE	CA-2368					
09:14:30	LB	CA-2364	OEMBA04055.D09	1200	OEXTF04055.D09	159	MAIN:
09:17:15				1100			RPM CHANGE
09:28:50				1000			RPM CHANGE
09:28:58				800			RPM CHANGE
09:35:37							SVP OESVP04055.D09 TAKEN
09:35:54							SVP OESVP04055.D09 APPLIED
09:36:21				1100			RPM CHANGE
10:02:18				800			RPM CHANGE
10:02:27				600			RPM CHANGE
10:04:47							WIND 15-20 KNOTS, DIRECTION NW, WAVE HEIGHT 2-3 FEET, VISIBILITY NIGHT NMI
10:09:11				800			RPM CHANGE
10:09:17				1100			RPM CHANGE
10:09:21							SVP OESVP04055.D10 TAKEN
10:09:55							SVP OESVP04055.D10 APPLIED
10:40:19	LE	CA-2364					ABORT LINE: ABORTING LINE TO MEET SOW BID AREA. FORCE ACQUIRE THE NEXT LINE.
10:41:54	LB	CA-2359	OEMBA04055.D10	1100	OEXTF04055.D10	339	MAIN: FORCE ACQUIRED: CHOPPY SEAS AT START OF LINE, MB AND XTF LOOK GOOD.
10:42:34				1200			RPM CHANGE
11:26:31							WIND 15-20 KNOTS, DIRECTION NW, WAVE HEIGHT 2-3 FEET, VISIBILITY SUNRISE NMI
11:34:01				1000			RPM CHANGE
11:34:07				800			RPM CHANGE
11:34:14				600			RPM CHANGE
11:40:18							SVP OESVP04055.D11 TAKEN
11:40:28				1000			RPM CHANGE
11:40:48				1200			RPM CHANGE
11:41:00							SVP OESVP04055.D11 APPLIED
12:04:27	LE	CA-2359					
12:08:29	LB	CA-2354	OEMBA04055.D11	1100	OEXTF04055.D11	159	MAIN:
12:48:06				800			RPM CHANGE
12:48:39				600			RPM CHANGE
12:55:30				800			RPM CHANGE
12:55:44							SVP OESVP04055.D12 TAKEN

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Julian Day: 055
Date: 02/24/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
12:55:51							SVP OESVP04055.D12 APPLIED
12:56:02				1000			RPM CHANGE
12:56:19				1100			RPM CHANGE
13:31:07							BUOY 1 AHP PORT SIDE 50 METERS
13:35:50	LE	CA-2354					ABORT LINE
13:38:37	LB	CA-2349	OEMBA04055.D12	1200	OEXTF04055.D12	339	MAIN:
13:57:50							WIND 15 KNOTS, DIRECTION NW, WAVE HEIGHT 2-3 FEET, VISIBILITY 4 NMI
14:34:12				800			RPM CHANGE
14:34:41				600			RPM CHANGE
14:39:04				800			RPM CHANGE
14:39:21				1000			RPM CHANGE
14:39:45				1200			RPM CHANGE
14:41:17							SVP OESVP04055.D13 TAKEN
14:41:25							SVP OESVP04055.D13 APPLIED
15:00:57	LE	CA-2349					
15:02:39	LB	CA-2344	OEMBA04055.D13	1200	OEXTF04055.D13	159	MAIN:
15:02:42				1100			RPM CHANGE
15:06:32							WIND 10-15 KNOTS, DIRECTION NNW, WAVE HEIGHT 2 FEET, VISIBILITY 4 NMI
15:49:08				800			RPM CHANGE
15:49:36				600			RPM CHANGE
15:51:53				800			RPM CHANGE
15:53:02				1000			RPM CHANGE
15:53:44				1100			RPM CHANGE
15:55:50							SVP OESVP04055.D14 TAKEN
15:55:59							SVP OESVP04055.D14 APPLIED
16:27:44	LE	CA-2344					
16:29:20	LB	CA-2339	OEMBA04055.D14	1100	OEXTF04055.D14	339	MAIN:
17:05:36				800			RPM CHANGE
17:06:12				600			RPM CHANGE
17:08:51				800			RPM CHANGE
17:09:30				1000			RPM CHANGE
17:10:22				1100			RPM CHANGE
17:11:35							SVP OESVP04055.D15 TAKEN
17:11:47							SVP OESVP04055.D15 APPLIED
17:14:04							WIND 5-10 KNOTS, DIRECTION NNW, WAVE HEIGHT 1 FEET, VISIBILITY 4 NMI
17:36:47				800			RPM CHANGE
17:37:11				600			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PC
Julian Day: 055
Date: 02/24/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
17:38:51				800			RPM CHANGE
17:39:43				1000			RPM CHANGE
17:40:58				1200			RPM CHANGE
17:45:05				1000			RPM CHANGE
17:45:26				800			RPM CHANGE
17:45:42				600			RPM CHANGE
17:47:02				800			RPM CHANGE
17:47:42				1000			RPM CHANGE
17:48:17				1200			RPM CHANGE
17:50:03							SVP OESVP04055.D16 TAKEN
17:50:20							SVP OESVP04055.D16 APPLIED
17:58:21	LE	CA-2339					
18:00:01	LB	CA-2334	OEMBA04055.D15	1200	OEXTF04055.D15	159	MAIN:
18:12:49				1100			RPM CHANGE
18:33:47							FILTER TOO LOW, CLIPPED DATA. WILL BE A DATA GAP
18:49:00				800			RPM CHANGE
18:55:06				1100			RPM CHANGE
18:55:09							SVP OESVP04055.D17 TAKEN
18:55:42							SVP OESVP04055.D17 APPLIED
19:24:26	LE	CA-2334					
19:26:24	LB	CA-2329	OEMBA04055.D16	1100	OEXTF04055.D16	338	MAIN:
19:58:06				1000			RPM CHANGE
19:58:26				800			RPM CHANGE
20:04:07				1100			RPM CHANGE
20:04:42							SVP OESVP04055.D18 TAKEN
20:05:10							SVP OESVP04055.D18 APPLIED
20:05:51				1200			RPM CHANGE
20:15:36							WIND 5-10 KNOTS, DIRECTION NW, WAVE HEIGHT 1 FEET, VISIBILITY 4 NMI
20:33:30				1000			RPM CHANGE
20:33:41				800			RPM CHANGE
20:33:47				600			RPM CHANGE
20:35:57				800			RPM CHANGE
20:37:11				1000			RPM CHANGE
20:38:48				1200			RPM CHANGE
20:39:34							SVP OESVP04055.D19 TAKEN
20:39:54							SVP OESVP04055.D19 APPLIED
20:50:38	LE	CA-2329					
20:52:22	LB	CA-2324	OEMBA04055.D17	1200	OEXTF04055.D17	159	MAIN:
20:56:29				1100			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PC
Julian Day: 055
Date: 02/24/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
21:12:40				1000			RPM CHANGE
21:13:04				800			RPM CHANGE
21:13:20				600			RPM CHANGE
21:18:05							SVP OESVP04055.D20 TAKEN: SENSOR ID # 4880 COMPARISON CAST TO SENSOR ID # 4881
21:18:23							SVP OESVP04055.D20 APPLIED
21:21:55				800			RPM CHANGE
21:24:09							WIND 10-12 KNOTS, DIRECTION NW, WAVE HEIGHT 2 FEET, VISIBILITY 4 NMI
21:25:27				600			RPM CHANGE
21:30:09							SVP OESVP04055.D21 TAKEN: SENSOR ID # 4881 COMPARISON CAST, APPLIED BUT DOES NOT MATCH PREVIOUS CAST WILL TRY 4880 AGAIN
21:30:30							SVP OESVP04055.D21 APPLIED
21:37:36							SVP OESVP04055.D22 TAKEN: SENSOR ID # 4880 COMPARISON CAST, WILL TRY ANOTHER CAST WITH #4881 TO SEE IF THEY ARE SIMILAR
21:37:55							SVP OESVP04055.D22 APPLIED
21:44:23							SVP OESVP04055.D23 TAKEN: COMPARISON CAST SENSOR ID # 4881 TAKE AND APPLIED.
21:44:47							SVP OESVP04055.D23 APPLIED
21:45:04				800			RPM CHANGE
21:45:22				1000			RPM CHANGE
21:45:52				1100			RPM CHANGE
22:27:01	LE	CA-2324					
22:28:51	LB	CA-2319	OEMBA04055.D18	1100	OEXTF04055.D18	338	MAIN:
23:08:12				900			RPM CHANGE
23:08:43				600			RPM CHANGE
23:12:09				800			RPM CHANGE
23:12:39				1000			RPM CHANGE
23:13:16				1200			RPM CHANGE
23:16:36							SVP CAST TAKEN BUT DID NOT SEND TO ISSC. THERE WAS NO DIFFERENCE IN CAST SO DID NOT SLOW DOWN AGAIN TO TAKE ANOTHER CAST.
23:31:24				1000			RPM CHANGE
23:31:49				800			RPM CHANGE
23:32:11				600			RPM CHANGE
23:35:03				800			RPM CHANGE
23:35:36				1000			RPM CHANGE
23:37:58				800			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PC
Julian Day: 055
Date: 02/24/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
23:39:24				1000			RPM CHANGE
23:43:12							SVP OESVP04055.D24 TAKEN
23:44:07							SVP OESVP04055.D24 APPLIED
23:44:20				1200			RPM CHANGE
23:51:48				1000			RPM CHANGE
23:52:08				800			RPM CHANGE
23:52:27				600			RPM CHANGE
23:54:16				800			RPM CHANGE
23:54:54				1000			RPM CHANGE
23:56:48							SVP OESVP04055.D25 TAKEN
23:57:37				1200			RPM CHANGE
23:57:42							SVP OESVP04055.D25 APPLIED

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PLC
Julian Day: 056
Date: 02/25/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
00:00:02			OEMBA04056.D01		OEXTF04056.D01		MB FILE CHANGE
00:00:05	LE	CA-2319					
00:02:13	LB	CA-2313	OEMBA04056.D02	1200	OEXTF04056.D02	159	MAIN:
00:16:55				1000			RPM CHANGE
00:17:35				800			RPM CHANGE
00:18:02				600			RPM CHANGE
00:20:25				800			RPM CHANGE
00:21:17				1000			RPM CHANGE
00:23:12							SVP OESVP04056.D01 TAKEN
00:23:41							SVP OESVP04056.D01 APPLIED
00:23:52				1100			RPM CHANGE
00:45:15				800			RPM CHANGE
00:45:53				600			RPM CHANGE
00:48:19				800			RPM CHANGE
00:49:20				1000			RPM CHANGE
00:50:07				1100			RPM CHANGE
00:51:00							SVP OESVP04056.D02 TAKEN
00:51:30							SVP OESVP04056.D02 APPLIED
01:28:54	LE	CA-2313					
01:30:47	LB	CA-2307	OEMBA04056.D03	1100	OEXTF04056.D03	338	MAIN:
01:55:27				800			RPM CHANGE
01:55:54				600			RPM CHANGE
01:58:56				800			RPM CHANGE
02:00:22				1000			RPM CHANGE
02:01:22				1100			RPM CHANGE
02:01:34							SVP OESVP04056.D03 TAKEN
02:01:45							SVP OESVP04056.D03 APPLIED
02:29:24				800			RPM CHANGE
02:29:51				600			RPM CHANGE
02:31:59				800			RPM CHANGE
02:33:05				1000			RPM CHANGE
02:33:51				1100			RPM CHANGE
02:35:05							SVP OESVP04056.D04 TAKEN
02:35:36							SVP OESVP04056.D04 APPLIED
03:01:54	LE	CA-2307					
03:03:49	LB	CA-2301	OEMBA04056.D04	1100	OEXTF04056.D04	159	MAIN:
03:13:56				800			RPM CHANGE
03:14:22				600			RPM CHANGE
03:16:14				800			RPM CHANGE
03:17:41				1000			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PLC
Julian Day: 056
Date: 02/25/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
03:18:39				1100			RPM CHANGE
03:20:08							SVP OESVP04056.D05 TAKEN
03:20:16							SVP OESVP04056.D05 APPLIED
03:41:47				800			RPM CHANGE
03:42:17				600			RPM CHANGE
03:44:24				800			RPM CHANGE
03:45:30				1000			RPM CHANGE
03:47:51				1100			RPM CHANGE
03:48:03							SVP OESVP04056.D06 TAKEN
03:48:15							SVP OESVP04056.D06 APPLIED
03:48:27							SVP OESVP04056.D06 APPLIED
04:21:54				1050			RPM CHANGE
04:22:20				1025			RPM CHANGE
04:30:18	LE	CA-2301					
04:32:45	LB	CA-2295	OEMBA04056.D05	1100	OEXTF04056.D05	339	MAIN:
04:42:25							WIND 10-12 KNOTS, DIRECTION NNW, WAVE HEIGHT 3 FEET, VISIBILITY NIGHT TIME NMI
05:00:55				800			RPM CHANGE
05:01:16				600			RPM CHANGE
05:04:43				800			RPM CHANGE
05:05:52				1000			RPM CHANGE
05:07:32				1200			RPM CHANGE
05:07:43							SVP OESVP04056.D07 TAKEN
05:07:52							SVP OESVP04056.D07 APPLIED
05:33:33				1000			RPM CHANGE
05:33:56				800			RPM CHANGE
05:34:11				600			RPM CHANGE
05:36:24				800			RPM CHANGE
05:37:35				1000			RPM CHANGE
05:40:10							SVP OESVP04056.D08 TAKEN
05:40:32							SVP OESVP04056.D08 APPLIED
05:43:54				1200			RPM CHANGE
06:02:17	LE	CA-2295					
06:04:06	LB	CA-2289	OEMBA04056.D06	1200	OEXTF04056.D06	159	MAIN:
06:11:02				1100			RPM CHANGE
06:37:18				900			RPM CHANGE
06:37:37				600			RPM CHANGE
06:40:46				800			RPM CHANGE
06:44:45							SVP OESVP04056.D09 TAKEN
06:45:10							SVP OESVP04056.D09 APPLIED

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PLC
Julian Day: 056
Date: 02/25/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
06:45:22				1100			RPM CHANGE
06:45:37							WIND 10-12 KNOTS, DIRECTION NNW, WAVE HEIGHT 3 SWELL FEET, VISIBILITY NIGHT TIME NMI
07:28:32	LE	CA-2289					
07:31:46	LB	CA-2283	OEMBA04056.D07	1200	OEXTF04056.D07	339	MAIN:
07:33:40				1100			RPM CHANGE
08:08:50				1000			RPM CHANGE
08:23:48							WIND 12-15 KNOTS, DIRECTION N, WAVE HEIGHT 3 FEET, VISIBILITY NIGHT TIME NMI
08:43:12				800			RPM CHANGE
08:43:18				600			RPM CHANGE
08:46:28				800			RPM CHANGE
08:50:54				600			RPM CHANGE
09:00:21							HAVING DIFFICULTY GETTING SVP FILES FROM MVP CONTROLLER TO ISSC
09:03:10							SVP OESVP04056.D10 TAKEN
09:04:49							SVP OESVP04056.D10 APPLIED
09:05:18				800			RPM CHANGE
09:05:23				1000			RPM CHANGE
09:05:32							MUST HAVE TAKEN FOUR SVP CASTS BEFORE THE FILE WAS SENT. I SHUT DOWN THE PROGRAM AND RE-STARTED, HAD TO TURN LOGGING ON, AND RESTART THE DECK UNIT. ALL THAT AND THERE WAS JUST A METER SHIFT.
09:13:48	LE	CA-2283					
09:16:04	LB	CA-2277	OEMBA04056.D08	1000	OEXTF04056.D08	159	MAIN:
09:26:36				1100			RPM CHANGE
09:52:28				800			RPM CHANGE
09:52:42				600			RPM CHANGE
09:58:42							SVP OESVP04056.D11 TAKEN
09:59:22							SVP OESVP04056.D11 APPLIED
09:59:34				800			RPM CHANGE
10:00:31				1000			RPM CHANGE
10:02:20				1100			RPM CHANGE
10:05:02				1000			RPM CHANGE
10:31:38							INAVLOG COMPUTER CRASHED. PHYSICAL MEMORY DUMP.
10:40:51	LE	CA-2277					
10:45:20	LB	CA-2271	OEMBA04056.D09	1000	OEXTF04056.D09	339	MAIN: FORCE ACQUIRED:
11:20:57							WIND 15 KNOTS, DIRECTION N, WAVE HEIGHT 3 FEET, VISIBILITY 4 NMI
11:21:54				800			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PLC
Julian Day: 056
Date: 02/25/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
11:22:27				600			RPM CHANGE
11:25:40				800			RPM CHANGE
11:26:35				1000			RPM CHANGE
11:28:53				1100			RPM CHANGE
11:29:02							SVP OESVP04056.D12 TAKEN
11:30:27							SVP OESVP04056.D12 APPLIED
11:54:02							VESSEL DRAGGING TO STBD 75 M
12:14:21	LE	CA-2271					
12:34:05							MOVING OFF SHORE TO PICK UP NORTHERN MOST LINES
12:41:33							SVP OESVP04056.D13 TAKEN
12:41:42							SVP OESVP04056.D13 APPLIED
12:43:45	LB	CA-2001	OEMBA04056.D10	1000	OEXTF04056.D10	159	MAIN:
12:46:04	LE	CA-2001					
12:49:22	LB	CA-2007	OEMBA04056.D11	1100	OEXTF04056.D11	339	MAIN:
12:53:19	LE	CA-2007					
12:55:43	LB	CA-2015	OEMBA04056.D12	1100	OEXTF04056.D12	159	MAIN:
13:01:44	LE	CA-2015					
13:05:22	LB	CA-2023	OEMBA04056.D13	1100	OEXTF04056.D13	339	MAIN:
13:14:21	LE	CA-2023					
13:16:39							NAV MANAGER HAD TO BE RESTARTED. THE LINE SCHEDULER DISAPPEARED WHILE EDITING THE SCHEDULE
13:18:11	LB	CA-2031	OEMBA04056.D14	1100	OEXTF04056.D14	159	MAIN:
13:28:55	LE	CA-2031					
13:32:01	LB	CA-2037		1100		339	MAIN:
13:44:34	LE	CA-2037					
13:46:40	LB	CA-2045	OEMBA04056.D15	1100	OEXTF04056.D15	159	MAIN:
13:47:03				1000			RPM CHANGE
14:02:28	LE	CA-2045					
14:06:14	LB	CA-2053	OEMBA04056.D16	1000	OEXTF04056.D16	339	MAIN:
14:23:47	LE	CA-2053					
14:26:06	LB	CA-2061	OEMBA04056.D17	1000	OEXTF04056.D17	159	MAIN:
14:27:13				800			RPM CHANGE
14:27:41				600			RPM CHANGE
14:30:09				800			RPM CHANGE
14:34:06							SVP OESVP04056.D14 TAKEN
14:35:33				1000			RPM CHANGE
14:49:21	LE	CA-2061					
14:54:20	LB	CA-2069	OEMBA04056.D18	1000	OEXTF04056.D18	339	MAIN: FORCE ACQUIRED: TIME WINDOW 145410 TO 145425
15:16:45	LE	CA-2069					

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PLC
Julian Day: 056
Date: 02/25/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
15:19:30	LB	CA-2077	OEMBA04056.D19	1000	OEXTF04056.D19	159	MAIN: FORCE ACQUIRED: TIME WINDOW ON FROM 151915 TO 151935
15:23:31							WIND 15 KNOTS, DIRECTION N, WAVE HEIGHT 3 SWELL FEET, VISIBILITY 4 NMI
15:43:33	LE	CA-2077					
15:47:17	LB	CA-2085	OEMBA04056.D20	1000	OEXTF04056.D20	339	MAIN:
16:14:11	LE	CA-2085					
16:16:24	LB	CA-2093	OEMBA04056.D21	1000	OEXTF04056.D21	159	MAIN:
16:17:28				800			RPM CHANGE
16:17:39				600			RPM CHANGE
16:19:53				800			RPM CHANGE
16:23:55							SVP OESVP04056.D15 TAKEN
16:24:19							SVP OESVP04056.D15 APPLIED
16:48:42	LE	CA-2093					
16:52:37	LB	CA-2101	OEMBA04056.D22	1200	OEXTF04056.D22	339	MAIN:
16:52:43				1100			RPM CHANGE
16:53:07							WIND 15 KNOTS, DIRECTION N, WAVE HEIGHT 3 SWELL FEET, VISIBILITY 4 NMI
17:24:43	LE	CA-2101					
17:27:03	LB	CA-2110	OEMBA04056.D23	1100	OEXTF04056.D23	159	MAIN:
17:32:12				900			RPM CHANGE
17:32:20				600			RPM CHANGE
17:34:25				800			RPM CHANGE
17:37:53							SVP OESVP04056.D16 TAKEN
17:39:14				1000			RPM CHANGE
17:39:34							SVP OESVP04056.D16 APPLIED
17:45:46				1100			RPM CHANGE
18:02:20	LE	CA-2110					
18:05:49	LB	CA-2118	OEMBA04056.D24	1200	OEXTF04056.D24	339	MAIN:
18:10:53							WIND 10 KNOTS, DIRECTION N, WAVE HEIGHT 2 SWELL FEET, VISIBILITY 4 NMI
18:39:45	LE	CA-2118					
18:41:41	LB	CA-2127	OEMBA04056.D25	1200	OEXTF04056.D25	159	MAIN:
18:42:40				1100			RPM CHANGE
19:00:31				900			RPM CHANGE
19:00:45				600			RPM CHANGE
19:04:45				900			RPM CHANGE
19:06:55							SVP OESVP04056.D17 TAKEN: APPLIED SENSOR 4880
19:07:16							SVP OESVP04056.D17 APPLIED
19:07:47				1100			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PLC
Julian Day: 056
Date: 02/25/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
19:20:58	LE	CA-2127					
19:24:33	LB	CA-2135	OEMBA04056.D26	1100	OEXTF04056.D26	339	MAIN:
19:25:01				1200			RPM CHANGE
20:02:43	LE	CA-2135					
20:04:37	LB	CA-2142	OEMBA04056.D27	1100	OEXTF04056.D27	159	MAIN:
20:45:27	LE	CA-2142					
20:49:17	LB	CA-2150	OEMBA04056.D28	600	OEXTF04056.D28	339	MAIN:
20:51:35				800			RPM CHANGE
20:52:53				1000			RPM CHANGE
20:55:00				1200			RPM CHANGE
20:55:06							SVP OESVP04056.D18 TAKEN
20:55:13							SVP OESVP04056.D18 APPLIED
21:22:10							AVOIDING LOBSTER POT
21:34:31	LE	CA-2150					
21:36:40	LB	CA-2157	OEMBA04056.D29	1100	OEXTF04056.D29	159	MAIN:
21:41:48				800			RPM CHANGE
21:42:08				600			RPM CHANGE
21:44:17				800			RPM CHANGE
21:45:44				1000			RPM CHANGE
21:47:47				1100			RPM CHANGE
21:47:54							SVP OESVP04056.D19 TAKEN
21:48:03							SVP OESVP04056.D19 APPLIED
21:50:12							AVOIDING LOBSTER GEAR
22:10:07				800			RPM CHANGE
22:10:36				600			RPM CHANGE
22:13:14				800			RPM CHANGE
22:14:19				1000			RPM CHANGE
22:16:21				1100			RPM CHANGE
22:16:25							SVP OESVP04056.D20 TAKEN
22:16:34							SVP OESVP04056.D20 APPLIED
22:20:09				1000			RPM CHANGE
22:25:04	LE	CA-2157					
22:28:22	LB	CA-2163	OEMBA04056.D30	1100	OEXTF04056.D30	339	MAIN:
22:30:01				1200			RPM CHANGE
22:58:01				1000			RPM CHANGE
22:58:30				800			RPM CHANGE
22:58:54				600			RPM CHANGE
23:02:18				800			RPM CHANGE
23:02:56				1000			RPM CHANGE
23:04:56							SVP OESVP04056.D21 TAKEN

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PLC
Julian Day: 056
Date: 02/25/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
23:05:04							SVP OESVP04056.D21 APPLIED
23:13:49							WIND 15-20 KNOTS, DIRECTION NW, WAVE HEIGHT 3 FEET, VISIBILITY NIGHT TIME NMI
23:21:34	LE	CA-2163					
23:24:08							MOVING CLOSER TO SHORE DUE TO INCREASE IN WIND AND SEAS
23:44:00							SVP OESVP04056.D22 TAKEN
23:44:09							SVP OESVP04056.D22 APPLIED
23:45:52	LB	CA-2404	OEMBA04056.D31	1000	OEXTF04056.D31	159	MAIN:
23:48:40				1050			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PLC/GRD/EAL
Julian Day: 057
Date: 02/26/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
00:00:03			OEMBA04057.D01		OEXTF04057.D01		MB FILE CHANGE
00:31:29				800			RPM CHANGE
00:32:01				600			RPM CHANGE
00:33:51				800			RPM CHANGE
00:34:43				1050			RPM CHANGE
00:37:01							SVP OESVP04057.D01 TAKEN
00:37:10							SVP OESVP04057.D01 APPLIED
00:56:18				800			RPM CHANGE
00:56:43				600			RPM CHANGE
00:58:58				800			RPM CHANGE
01:00:43							SVP OESVP04057.D02 TAKEN
01:01:06				1000			RPM CHANGE
01:09:54	LE	CA-2404					ABORT LINE: ABORTING LINE TO MEET SOW AREA
01:11:02	LB	CA-2408	OEMBA04057.D01	1000	OEXTF04057.D01	339	MAIN: FORCE ACQUIRED: LINE AT SOW AREA
01:11:03							CHANGED FILE NAMES JUST AFTER THE START BEFORE ENTERING THE SOW AREA. FILE IS OEMBA04057.D02
01:11:51				1100			RPM CHANGE
01:12:05			OEMBA04057.D02		OEXTF04057.D02		MB FILE CHANGE
01:12:52				1000			RPM CHANGE
01:21:56				900			RPM CHANGE
01:49:15							SVP OESVP04057.D03 TAKEN
01:51:39							SVP OESVP04057.D03 APPLIED
02:09:53							WIND 15-20 KNOTS, DIRECTION NW, WAVE HEIGHT 3 FEET, VISIBILITY NIGHT TIME NMI
02:18:37				600			RPM CHANGE
02:22:31							SVP OESVP04057.D04 TAKEN
02:22:50							SVP OESVP04057.D04 APPLIED
02:23:51				900			RPM CHANGE
02:41:27				600			RPM CHANGE
02:45:26							SVP OESVP04057.D05 TAKEN
02:45:41							SVP OESVP04057.D05 APPLIED
02:46:41				900			RPM CHANGE
03:03:35	LE	CA-2408					
03:05:52	LB	CA-2412	OEMBA04057.D03	900	OEXTF04057.D03	159	MAIN:
03:06:03				1100			RPM CHANGE
03:18:40				900			RPM CHANGE
03:18:54				600			RPM CHANGE
03:23:49							SVP OESVP04057.D06 TAKEN
03:25:08				1100			RPM CHANGE
03:39:30				900			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PLC/GRD/EAL
Julian Day: 057
Date: 02/26/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
03:39:40				600			RPM CHANGE
03:41:53				900			RPM CHANGE
03:43:53							SVP OESVP04057.D07 TAKEN
03:44:05							SVP OESVP04057.D07 APPLIED
03:45:08				1100			RPM CHANGE
03:46:22							WIND 15-20 KNOTS, DIRECTION NW, WAVE HEIGHT 3 FEET, VISIBILITY NIGHT TIME NMI
04:05:12				900			RPM CHANGE
04:05:24				600			RPM CHANGE
04:07:34				900			RPM CHANGE
04:09:55							SVP OESVP04057.D08 TAKEN
04:11:04				1100			RPM CHANGE
04:11:10							SVP OESVP04057.D08 APPLIED
04:29:32	LE	CA-2412					ABORT LINE: ABORTLINE TO MEET SOW AREA
04:30:59	LB	CA-2416	OEMBA04057.D04	1100	OEXTF04057.D04	339	MAIN: FORCE ACQUIRED:
04:31:00							NO GOOD DATA ON THIS LINE.
04:33:07	LE	CA-2416					ABORT LINE: ABORTED LINE. CAPTAIN WAS HAVING SOME PROBLEMS
04:33:40	LB	CA-2416	OEMBA04057.D05	1100	OEXTF04057.D05	339	MAIN: FORCE ACQUIRED:
04:50:20				900			RPM CHANGE
05:04:49				600			RPM CHANGE
05:08:54							SVP OESVP04057.D09 TAKEN
05:09:09							SVP OESVP04057.D09 APPLIED
05:09:30				900			RPM CHANGE
05:38:20				600			RPM CHANGE
05:40:37				900			RPM CHANGE
05:43:17							SVP OESVP04057.D10 TAKEN
05:43:26							SVP OESVP04057.D10 APPLIED
06:04:14				600			RPM CHANGE
06:07:24				900			RPM CHANGE
06:10:09							SVP OESVP04057.D11 TAKEN
06:10:18							SVP OESVP04057.D11 APPLIED
06:22:12	LE	CA-2416					
06:24:28	LB	CA-2420	OEMBA04057.D06	1000	OEXTF04057.D06	159	MAIN:
06:41:14				800			RPM CHANGE
06:41:41				600			RPM CHANGE
06:43:46				800			RPM CHANGE
06:46:56				1000			RPM CHANGE
06:47:24							SVP OESVP04057.D12 TAKEN
06:47:37							SVP OESVP04057.D12 APPLIED

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PLC/GRD/EAL
Julian Day: 057
Date: 02/26/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
06:59:47				800			RPM CHANGE
07:00:08				600			RPM CHANGE
07:02:01				800			RPM CHANGE
07:04:37							SVP OESVP04057.D13 TAKEN
07:05:30				1000			RPM CHANGE
07:05:38							SVP OESVP04057.D13 APPLIED
07:21:46				800			RPM CHANGE
07:22:07				600			RPM CHANGE
07:24:19				800			RPM CHANGE
07:27:02				1000			RPM CHANGE
07:27:05							SVP OESVP04057.D14 TAKEN
07:27:12							SVP OESVP04057.D14 APPLIED
07:52:31	LE	CA-2420					ABORT LINE: AT END OF SOW AREA BOUNDARY
07:58:20	LB	CA-2424	OEMBA04057.D07	900	OEXTF04057.D07	339	MAIN: FORCE ACQUIRED:
08:01:19			OEMBA04057.D08		OEXTF04057.D08		MB FILE CHANGE
08:01:19							SVP OESVP04049.D03 APPLIED
08:05:06							SVP OESVP04057.D14 APPLIED
08:07:10			OEMBA04057.D09		OEXTF04057.D09		MB FILE CHANGE
08:07:57							ISSC CRASH ON AUTO ARCHIVE
08:09:15	LB	CA-2424	OEMBA04057.D09	900	OEXTF04057.D09	339	MAIN: FORCE ACQUIRED:
08:37:45				600			RPM CHANGE
08:41:22				900			RPM CHANGE
08:43:35							SVP OESVP04057.D15 TAKEN
08:43:46							SVP OESVP04057.D15 APPLIED
09:13:18	LE	CA-2424					ABORT LINE: BREAK LINE TO HEAD SOUTH AND THEN BACK TO THE MARINA
09:15:07	LB	CA-2428	OEMBA04057.D10	1000	OEXTF04057.D10	159	MAIN: FORCE ACQUIRED: PICKED UP LINE AT MID SHEET
10:05:26	LE	CA-2428					ABORT LINE: BROKE LINE AT SOW AREA BOUNDARY
10:05:44			OEMBA04057.D11		OEXTF04057.D11		MB FILE CHANGE
10:06:45							HEADING TO ROSE OIL TO FUEL AND PROVISION
11:45:29							ARRIVED AT DOCK: ARRIVE AT ROSE OIL FOR FUEL
11:46:46							DRAFT TAKEN 1.41 OBSERVED
							7 HOURS OF VESSEL MAINTENANCE, CREW ROTATION
19:15:20							DRAFT CHANGED TO 1.430000 METERS
19:15:51							LEAD LINE: DRAFT 1.43 ENTERED. TIDES OFF, RPM 0
19:18:08							SVP OESVP04057.D16 TAKEN: APPLIED FOR LEAD LINE
19:18:16							SVP OESVP04057.D16 APPLIED
19:30:09			OEMBA04057.D12		OEXTF04057.D12		MB FILE CHANGE
20:07:13							DEPARTED FROM DOCK: DEPART FROM CAPE ANN MARINA
21:15:55							AT SURVEY AREA COMPARISON CAST TAKEN

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLD/PLC/GRD/EAL
Julian Day: 057
Date: 02/26/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
21:17:38							SVP OESVP04057.D17 TAKEN: APPLIED, SENSOR ID 4881
21:17:45							COMPARISON WITH CAST OESVO04057.D18 WITH SENSOR 4880
21:24:40							SVP OESVP04057.D17 APPLIED
21:24:52							SVP OESVP04057.D18 TAKEN: APPLIED, SENSOR 4880,
21:30:58	LB	CA-2265	OEMBA04057.D12	1100	OEXTF04057.D12	339	COMPARISON WITH PREVIOUS CAST OESVP04057.D17
21:32:32				1200			SVP OESVP04057.D18 APPLIED
22:00:28							MAIN:
22:20:38				1000			RPM CHANGE
22:21:02				800			WIND 15 KNOTS, DIRECTION N, WAVE HEIGHT 2-3 FEET,
22:21:31				600			VISIBILITY UNLIMITED NMI
22:27:03							RPM CHANGE
22:27:38				800			RPM CHANGE
22:28:54				1000			RPM CHANGE
22:29:55							SVP OESVP04057.D19 TAKEN: APPLIED, SENSOR 48800
22:30:05				1200			RPM CHANGE
22:52:17	LE	CA-2265					RPM CHANGE
22:54:16	LB	CA-2259	OEMBA04057.D13	1200	OEXTF04057.D13	159	MAIN:
22:55:38				1000			RPM CHANGE
22:57:01				1100			RPM CHANGE
23:37:10				900			RPM CHANGE
23:37:43				600			RPM CHANGE
23:40:58				800			RPM CHANGE
23:43:25				1000			RPM CHANGE
23:44:06				1100			RPM CHANGE
23:48:40				800			RPM CHANGE
23:49:11				600			RPM CHANGE
23:52:14				800			RPM CHANGE
23:54:38							SVP OESVP04057.D20 TAKEN: APPLIED, SENSOR 4880
23:55:11				1000			RPM CHANGE
23:55:16							SVP OESVP04057.D20 APPLIED
23:56:48				1100			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 058
Date: 02/27/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
00:00:00			OEMBA04058.D01		OEXTF04058.D01		MB FILE CHANGE
00:14:23	LE	CA-2259					
00:17:57	LB	CA-2253	OEMBA04058.D02	1200	OEXTF04058.D02	339	MAIN:
01:11:20				1000			RPM CHANGE
01:11:52				800			RPM CHANGE
01:12:17				600			RPM CHANGE
01:18:10							SVP OESVP04058.D01 TAKEN: APPLIED, SENSOR 4880
01:19:09				800			RPM CHANGE
01:20:38				1000			RPM CHANGE
01:20:55							SVP OESVP04058.D01 APPLIED
01:21:14				1200			RPM CHANGE
01:37:35	LE	CA-2253					
01:39:26	LB	CA-2247	OEMBA04058.D03	1200	OEXTF04058.D03	159	MAIN:
01:39:53				1100			RPM CHANGE
02:36:17							WIND 10 KNOTS, DIRECTION N, WAVE HEIGHT 2-3 FEET, VISIBILITY NA NMI
02:37:14				900			RPM CHANGE
02:37:41				600			RPM CHANGE
02:43:07							SVP OESVP04058.D02 TAKEN: APPLIED SENSOR 4880
02:44:21				800			RPM CHANGE
02:44:27							SVP OESVP04058.D02 APPLIED
02:44:59				1000			RPM CHANGE
02:45:43				1100			RPM CHANGE
02:55:01	LE	CA-2247					
02:58:33	LB	CA-2241	OEMBA04058.D04	1200	OEXTF04058.D04	339	MAIN:
03:01:44				1100			RPM CHANGE
03:10:27							WIND 15 KNOTS, DIRECTION N, WAVE HEIGHT 3-4 FEET, VISIBILITY NA NMI
03:10:49							WINDS AND SEAS PICKING UP SLOWED RPMS TO MAINTAIN GOOD QUALITY DATA.
03:16:27				1000			RPM CHANGE
04:32:10	LE	CA-2241					
04:34:20	LB	CA-2235		1000		159	MAIN:
04:36:26			OEMBA04058.D05		OEXTF04058.D05		MB FILE CHANGE
04:40:59				800			RPM CHANGE
04:41:55				600			RPM CHANGE
04:48:01							SVP OESVP04058.D03 TAKEN: APPLIED SENSOR 4880
04:48:16							SVP OESVP04058.D03 APPLIED
04:48:32				800			RPM CHANGE
04:50:00				1000			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 058
Date: 02/27/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
05:39:27				800			RPM CHANGE
05:39:43				600			RPM CHANGE
05:54:14							SVP OESVP04058.D04 TAKEN: APPLIED SENSOR 4880
05:54:28							SVP OESVP04058.D04 APPLIED
05:55:50				800			RPM CHANGE
05:56:10				1000			RPM CHANGE
06:00:22	LE	CA-2235					
06:04:31	LB	CA-2229	OEMBA04058.D06	1000	OEXTF04058.D06	339	MAIN:
07:04:09				800			RPM CHANGE
07:04:23				600			RPM CHANGE
07:10:58							SVP OESVP04058.D05 TAKEN: APPLIED SENSOR 4880
07:11:08							SVP OESVP04058.D05 APPLIED
07:12:50				800			RPM CHANGE
07:13:08				1000			RPM CHANGE
07:31:29	LE	CA-2229					
07:33:36	LB	CA-2223	OEMBA04058.D07	1000	OEXTF04058.D07	159	MAIN:
08:02:16				800			RPM CHANGE
08:02:33				600			RPM CHANGE
08:08:31							SVP OESVP04058.D06 TAKEN: APPLIED SENSOR 4880
08:08:42							SVP OESVP04058.D06 APPLIED
08:10:27				800			RPM CHANGE
08:10:50				1000			RPM CHANGE
08:48:17	LE	CA-2223					
08:52:20	LB	CA-2217		1000		339	MAIN:
08:52:49			OEMBA04058.D08		OEXTF04058.D08		MB FILE CHANGE
08:58:52				800			RPM CHANGE
08:59:12				600			RPM CHANGE
09:22:03	LE	CA-2217					ABORT LINE: ABORTED LINE DUE TO PROBLEM RECOVERING MVP
09:22:25			OEMBA04058.D09		OEXTF04058.D09		MB FILE CHANGE
09:23:10							SVP OESVP04058.D07 TAKEN: APPLIED SENSOR 4880
09:23:29							SVP OESVP04058.D07 APPLIED
09:24:17							WILL HAVE TO TIME WINDOW OFF LINE DATA AT THE END OF 058.D05 AFTER REVIEW OF DATA
09:25:15							SVP OESVP04058.D06 APPLIED
09:26:34	LB	CA-2217	OEMBA04058.D09	1000	OEXTF04058.D09	339	MAIN: FORCE ACQUIRED: MAIN SCHEME LINE. FORCE ACQUIRE DUE TO MVP MALFUNCTION.
09:28:11				800			RPM CHANGE
09:28:24				600			RPM CHANGE
09:34:37							SVP OESVP04058.D08 TAKEN: APPLIED SENSOR 4880

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 058
Date: 02/27/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
09:35:00							SVP OESVP04058.D08 APPLIED
09:36:48				800			RPM CHANGE
09:37:22				1000			RPM CHANGE
10:10:08				999			RPM CHANGE
10:10:31				1000			RPM CHANGE
10:13:25				800			RPM CHANGE
10:13:46				600			RPM CHANGE
10:26:21	LE	CA-2217					ABORT LINE: PROBLEM WITH MVP RECOVERY
10:33:55							SVP OESVP04058.D09 TAKEN: APPLIED SENSOR 4880
10:34:21							SVP OESVP04058.D09 APPLIED
10:37:52	LB	CA-2217	OEMBA04058.D10	600	OEXTF04058.D10	339	MAIN: FORCE ACQUIRED:AFTER ABORTING DUE TO MVP MALFUNCTION
10:43:57							JUST SET RPM BACK TO 1000. WERE AT 600. SHOULD BE 1000 FOR ENTIRE FILE OEMBA04158.D10
10:44:00				1000			RPM CHANGE
10:55:36	LE	CA-2217					
10:59:10	LB	CA-2211	OEMBA04058.D11	1000	OEXTF04058.D11	159	MAIN:
11:16:10							WIND 10-15 KNOTS, DIRECTION NW, WAVE HEIGHT 3 FEET, VISIBILITY UNLIMITED NMI
12:06:14	LE	CA-2211					
12:10:08	LB	CA-2205	OEMBA04058.D12	1000	OEXTF04058.D12	339	MAIN:
12:15:22				800			RPM CHANGE
12:16:04				600			RPM CHANGE
12:22:11							SVP OESVP04058.D10 TAKEN: APPLIED SENSOR 4880
12:22:22							SVP OESVP04058.D10 APPLIED
12:23:29				800			RPM CHANGE
12:24:10				1000			RPM CHANGE
12:25:04				1200			RPM CHANGE
12:30:52							WIND 15-20 KNOTS, DIRECTION N, WAVE HEIGHT 3-4 FEET, VISIBILITY UNLIMITED NMI
13:00:42				1000			RPM CHANGE
13:01:10				800			RPM CHANGE
13:01:38				600			RPM CHANGE
13:07:36				800			RPM CHANGE
13:08:20							SVP OESVP04058.D11 TAKEN: APPLIED SENSOR 4880
13:08:22				1000			RPM CHANGE
13:08:27							SVP OESVP04058.D11 APPLIED
13:08:47				1200			RPM CHANGE
13:18:51	LE	CA-2205					
13:20:48	LB	CA-2199	OEMBA04058.D13	1200	OEXTF04058.D13	159	MAIN:

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 058
Date: 02/27/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
13:25:38				1100			RPM CHANGE
14:03:13				900			RPM CHANGE
14:03:51				600			RPM CHANGE
14:10:46				800			RPM CHANGE
14:11:19				1000			RPM CHANGE
14:12:31				1100			RPM CHANGE
14:12:37							SVP OESVP04058.D12 TAKEN: APPLIED SENSOR 4880
14:12:51							SVP OESVP04058.D12 APPLIED
14:23:36	LE	CA-2199					
14:26:56	LB	CA-2193	OEMBA04058.D14	1200	OEXTF04058.D14	339	MAIN:
14:27:02							WIND 15 KNOTS, DIRECTION N, WAVE HEIGHT 3-4 FEET, VISIBILITY UNLIMITED NMI
15:09:05				1000			RPM CHANGE
15:09:36				800			RPM CHANGE
15:10:11				600			RPM CHANGE
15:16:41				800			RPM CHANGE
15:17:17							SVP OESVP04058.D13 TAKEN: APPLIED SENSOR 4880
15:17:37				1000			RPM CHANGE
15:17:42							SVP OESVP04058.D13 APPLIED
15:18:39				1100			RPM CHANGE
15:26:31	LE	CA-2193					
15:29:18	LB	CA-2187	OEMBA04058.D15	1100	OEXTF04058.D15	159	MAIN: FORCE ACQUIRED:
16:13:03				800			RPM CHANGE
16:13:33				600			RPM CHANGE
16:19:20				900			RPM CHANGE
16:19:56							SVP OESVP04058.D14 TAKEN: SENSOR 4880
16:20:08							SVP OESVP04058.D14 APPLIED
16:20:10				1100			RPM CHANGE
16:22:54							WIND 10 KNOTS, DIRECTION NW, WAVE HEIGHT 3 SWELL FROM NE FEET, VISIBILITY UNLIMITED NMI
16:28:32	LE	CA-2187					
16:32:00	LB	CA-2181	OEMBA04058.D16	1100	OEXTF04058.D16	339	MAIN:
17:10:24				800			RPM CHANGE
17:10:38				600			RPM CHANGE
17:16:28							SVP OESVP04058.D15 TAKEN: APPLIED SENSOR 4880
17:16:36							SVP OESVP04058.D15 APPLIED
17:17:37				800			RPM CHANGE
17:17:58				1100			RPM CHANGE
17:30:35	LE	CA-2181					
17:32:41	LB	CA-2175	OEMBA04058.D17	1100	OEXTF04058.D17	159	MAIN:

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 058
Date: 02/27/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
18:06:13				800			RPM CHANGE
18:06:28				600			RPM CHANGE
18:12:28							SVP OESVP04058.D16 TAKEN: APPLIED SENSOR 4880
18:12:38							SVP OESVP04058.D16 APPLIED
18:13:44				800			RPM CHANGE
18:14:08				1100			RPM CHANGE
18:29:00	LE	CA-2175					
18:32:20	LB	CA-2169	OEMBA04058.D18	1100	OEXTF04058.D18	339	MAIN:
19:00:37				800			RPM CHANGE
19:00:49				600			RPM CHANGE
19:06:05							SVP OESVP04058.D17 TAKEN: APPLIED SENSOR 4880
19:06:11							SVP OESVP04058.D17 APPLIED
19:07:22				800			RPM CHANGE
19:07:42				1100			RPM CHANGE
19:26:26	LE	CA-2169					
19:51:08							SVP OESVP04058.D18 TAKEN: APPLIED. SENSOR 4880.
19:51:29							SVP OESVP04058.D18 APPLIED
19:53:57	LB	CA-2424	OEMBA04058.D19	1100	OEXTF04058.D19	159	MAIN: MAINSCHEME. COMPLETING A PARTIAL FROM PREVIOUS DAY.
20:29:11	LE	CA-2424					ABORT LINE: ABORTED LINE (MAIN) TO PICK UP ADJACENT PARTIAL FROM PREVIOUS DAY.
20:31:24	LB	CA-2428	OEMBA04058.D20	1100	OEXTF04058.D20	338	MAIN: FORCE ACQUIRED: ABORTED LINE TO PICK UP PARTIAL FROM PREVIOUS DAY.
20:32:53				800			RPM CHANGE
20:33:14				600			RPM CHANGE
20:36:56							SVP OESVP04058.D19 TAKEN: APPLIED. SENSOR 4880.
20:37:02							SVP OESVP04058.D19 APPLIED
20:38:11				800			RPM CHANGE
20:38:38				1100			RPM CHANGE
20:48:25							WIND 10 KNOTS, DIRECTION NW, WAVE HEIGHT 3 SWELL FROM NE FEET, VISIBILITY UNLIMITED NMI
21:01:33				800			RPM CHANGE
21:01:47				600			RPM CHANGE
21:05:29							SVP OESVP04058.D20 TAKEN: APPLIED. SENSOR 4880.
21:05:37							SVP OESVP04058.D20 APPLIED
21:06:36				800			RPM CHANGE
21:07:05				1100			RPM CHANGE
21:11:38	LE	CA-2428					
21:11:55							WIND 5-10 KNOTS, DIRECTION NW, WAVE HEIGHT 3 SWELL FROM NE FEET, VISIBILITY UNLIMITED NMI

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 058
Date: 02/27/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
21:13:17	LB	CA-2432	OEMBA04058.D21	1100	OEXTF04058.D21	159	MAIN: MAIN
22:05:12				800			RPM CHANGE
22:05:26				600			RPM CHANGE
22:09:17							SVP OESVP04058.D21 TAKEN: APPLIED. SENSOR 4880.
22:09:23							SVP OESVP04058.D21 APPLIED
22:10:31				800			RPM CHANGE
22:10:49				1100			RPM CHANGE
22:36:35	LE	CA-2432					ABORT LINE: ABORT LINE. CLOSE TO SHORE AND OUTSIDE OF STATEMENT OF WORK.
22:39:07	LB	CA-2436	OEMBA04058.D22	1100	OEXTF04058.D22	338	MAIN: FORCE ACQUIRED: MAIN. FORCE ACQUIRE JUST OUTSIDE OF SOW BOUNDARY.
23:06:43				900			RPM CHANGE
23:07:16				600			RPM CHANGE
23:11:11				900			RPM CHANGE
23:11:39							SVP OESVP04058.D22 TAKEN: APPLIED SENSOR 4880
23:11:49				1100			RPM CHANGE
23:12:47							SVP OESVP04058.D21 APPLIED
23:13:59							WIND 5 KNOTS, DIRECTION NW, WAVE HEIGHT 1-2 FEET, VISIBILITY NA NMI
23:39:20				900			RPM CHANGE
23:39:48				600			RPM CHANGE
23:44:16				900			RPM CHANGE
23:44:43							SVP OESVP04058.D23 TAKEN: APPLIED SENSOR 4880
23:44:55				1100			RPM CHANGE
23:45:02							SVP OESVP04058.D23 APPLIED

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 059
Date: 02/28/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
00:00:01			OEMBA04059.D01		OEXTF04059.D01		MB FILE CHANGE
00:09:50	LE	CA-2436					
00:14:50	LB	CA-2440	OEMBA04059.D02	1100	OEXTF04059.D02	158	MAIN:
00:45:43				800			RPM CHANGE
00:46:07				600			RPM CHANGE
00:50:31				900			RPM CHANGE
00:50:55							SVP OESVP04059.D01 TAKEN: APPLIED SENSOR 4880
00:51:15				1100			RPM CHANGE
00:51:21							SVP OESVP04059.D01 APPLIED
01:02:55	LE	CA-2440					ABORT LINE: ABORTED TO RUN CROSSLINES
01:04:40	LB	30_C-9004	OEMBA04059.D03	1100	OEXTF04059.D03	249	MAIN: FORCE ACQUIRED:
01:15:54				900			RPM CHANGE
01:16:28				600			RPM CHANGE
01:19:15							SVP OESVP04059.D02 TAKEN: APPLIED SENSOR 4880
01:20:09							SVP OESVP04059.D02 APPLIED
01:20:20				900			RPM CHANGE
01:20:50				1100			RPM CHANGE
01:38:34	LE	30_C-9004					
01:52:21	LB	30_C-9005	OEMBA04059.D04	600	OEXTF04059.D04	69	CROSS:
01:54:43				800			RPM CHANGE
01:55:01							SVP OESVP04059.D03 TAKEN: NOT APPLIED. NO CHANGE, PREVIOUS DEEPER. SENSOR 4880
01:55:24				1000			RPM CHANGE
01:56:10				1100			RPM CHANGE
02:12:59				900			RPM CHANGE
02:13:31				600			RPM CHANGE
02:17:21				800			RPM CHANGE
02:18:12							SVP OESVP04059.D04 TAKEN: APPLIED SENSOR 4880
02:18:23							SVP OESVP04059.D04 APPLIED
02:18:33				1100			RPM CHANGE
02:20:29							WIND 5-10 KNOTS, DIRECTION NW, WAVE HEIGHT 2 FEET, VISIBILITY NA NMI
02:37:07				900			RPM CHANGE
02:37:34				600			RPM CHANGE
02:42:57							SVP OESVP04059.D05 TAKEN: APPLIED SENSOR 4880
02:43:35				800			RPM CHANGE
02:43:42							SVP OESVP04059.D05 APPLIED
02:44:25				1100			RPM CHANGE
02:53:08	LE	30_C-9005					
03:09:02	LB	30_C-9004	OEMBA04059.D05	1100	OEXTF04059.D05	249	CROSS:

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 059
Date: 02/28/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
03:32:11				900			RPM CHANGE
03:32:35				600			RPM CHANGE
03:38:00							SVP OESVP04059.D06 TAKEN
03:38:29				800			RPM CHANGE
03:38:35							SVP OESVP04059.D06 APPLIED
03:39:27				1100			RPM CHANGE
03:44:26	LE	30_C-9004					ABORT LINE: END OF CROSS LINE OVERLAPS WITH 059.D03.
03:47:11	LB	CA-2440	OEMBA04059.D06	1100	OEXTF04059.D06	159	MAIN: FORCE ACQUIRED:
04:02:51							WIND 10 KNOTS, DIRECTION NW, WAVE HEIGHT 1-2 FEET, VISIBILITY NA NMI
04:20:05	LE	CA-2440					ABORT LINE: ABORT JUST SOUTH OF SOW BOUNDARY
04:21:29	LB	CA-2444	OEMBA04059.D07	1100	OEXTF04059.D07	338	MAIN: FORCE ACQUIRED: JUST SOUTH OF SOW BOUNDARY
04:29:43				900			RPM CHANGE
04:30:11				600			RPM CHANGE
04:33:59							SVP OESVP04059.D07 TAKEN: APPLIED SENSOR 4880
04:34:54				800			RPM CHANGE
04:34:59							SVP OESVP04059.D07 APPLIED
04:35:36				1100			RPM CHANGE
05:26:35				800			RPM CHANGE
05:26:58				600			RPM CHANGE
05:31:53							SVP OESVP04059.D08 TAKEN: APPLIED. SENSOR 4880.
05:31:59							SVP OESVP04059.D08 APPLIED
05:33:10				800			RPM CHANGE
05:33:23				1100			RPM CHANGE
05:51:33	LE	CA-2444					
05:53:25	LB	CA-2447	OEMBA04059.D08	1100	OEXTF04059.D08	159	MAIN: FORCE ACQUIRED: MAIN
05:54:49				900			RPM CHANGE
05:55:09				600			RPM CHANGE
05:59:38							SVP OESVP04059.D09 TAKEN: APPLIED. SENSOR 4880.
05:59:46							SVP OESVP04059.D09 APPLIED
06:01:01				800			RPM CHANGE
06:01:22				1100			RPM CHANGE
06:51:04				900			RPM CHANGE
06:51:52				600			RPM CHANGE
06:56:03							SVP OESVP04059.D10 TAKEN: APPLIED. SENSOR 4880.
06:56:11							SVP OESVP04059.D10 APPLIED
06:57:38				800			RPM CHANGE
06:57:53				1100			RPM CHANGE
07:19:37	LE	CA-2447					ABORT LINE: ABORTED LINE OUTSIDE OF SOW AREA.
07:22:10	LB	CA-2450	OEMBA04059.D09	1100	OEXTF04059.D09	339	MAIN: FORCE ACQUIRED: MAIN

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 059
Date: 02/28/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
07:23:30				800			RPM CHANGE
07:23:45				600			RPM CHANGE
07:27:26							SVP OESVP04059.D11 TAKEN: APPLIED. SENSOR 4880.
07:28:17							SVP OESVP04059.D11 APPLIED
07:29:38				800			RPM CHANGE
07:29:49				1100			RPM CHANGE
07:46:33				800			RPM CHANGE
07:46:48				600			RPM CHANGE
07:50:46							SVP OESVP04059.D12 TAKEN: APPLIED. SENSOR 4880.
07:50:52							SVP OESVP04059.D12 APPLIED
07:52:15				800			RPM CHANGE
07:52:44				1100			RPM CHANGE
08:14:47							WIND 5 KNOTS, DIRECTION NW, WAVE HEIGHT 1-2 FEET, VISIBILITY NA NMI
08:26:29				800			RPM CHANGE
08:26:48				600			RPM CHANGE
08:31:06							SVP OESVP04059.D13 TAKEN: APPLIED. SENSOR 4880.
08:31:13							SVP OESVP04059.D13 APPLIED
08:32:32				800			RPM CHANGE
08:33:27				1100			RPM CHANGE
08:55:24	LE	CA-2450					
08:57:02	LB	CA-2453	OEMBA04059.D10	1100	OEXTF04059.D10	159	MAIN: MAIN
09:05:51				800			RPM CHANGE
09:06:05				600			RPM CHANGE
09:10:40							SVP OESVP04059.D14 TAKEN: APPLIED. SENSOR 4880.
09:11:58				800			RPM CHANGE
09:12:03							SVP OESVP04059.D14 APPLIED
09:12:20				1100			RPM CHANGE
09:45:25				800			RPM CHANGE
09:45:47				600			RPM CHANGE
09:50:06							SVP OESVP04059.D15 TAKEN: APPLIED. SENSOR 4880.
09:50:17							SVP OESVP04059.D15 APPLIED
09:51:32				800			RPM CHANGE
09:51:47				1100			RPM CHANGE
10:20:49	LE	CA-2453					ABORT LINE: ABORT LINE OUTSIDE OF SOW AREA.
10:23:05	LB	CA-2456	OEMBA04059.D11	1100	OEXTF04059.D11	339	MAIN: FORCE ACQUIRED: MAIN
10:24:37	LE	CA-2456					ABORT LINE: ABORT LINE. REVERSED AZIMUTH IN SCHEDULE. RESTART
10:26:51	LB	CA-2456	OEMBA04059.D12	1100	OEXTF04059.D12	339	MAIN: FORCE ACQUIRED: MAIN. FORCE ACQUIRE OUTSIDE OF SOW.

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 059
Date: 02/28/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
10:32:43				900			RPM CHANGE
10:33:02				600			RPM CHANGE
10:37:13							SVP OESVP04059.D16 TAKEN: APPLIED SENSOR 4880
10:37:22							SVP OESVP04059.D16 APPLIED
10:38:56				800			RPM CHANGE
10:39:38				1100			RPM CHANGE
11:26:04				800			RPM CHANGE
11:26:25				600			RPM CHANGE
11:30:32							SVP OESVP04059.D17 TAKEN: APPLIED. SENSOR 4880
11:30:37							SVP OESVP04059.D17 APPLIED
11:31:57				800			RPM CHANGE
11:32:33				1100			RPM CHANGE
11:47:22							WIND 5 KNOTS, DIRECTION NW, WAVE HEIGHT 1-2 FEET, VISIBILITY NA NMI
11:55:30	LE	CA-2456					
11:57:11	LB	CA-2459	OEMBA04059.D13	1100	OEXTF04059.D13	159	MAIN:
12:29:04				900			RPM CHANGE
12:29:25				600			RPM CHANGE
12:33:47				900			RPM CHANGE
12:34:16							SVP OESVP04059.D18 TAKEN: APPLIED SENSOR 4880
12:34:30				1100			RPM CHANGE
12:34:35							SVP OESVP04059.D18 APPLIED
13:01:22				900			RPM CHANGE
13:01:50				600			RPM CHANGE
13:05:51				900			RPM CHANGE
13:06:36				1100			RPM CHANGE
13:08:35							SVP OESVP04059.D19 TAKEN: APPLIED SENSOR 4880
13:08:44							SVP OESVP04059.D19 APPLIED
13:19:19	LE	CA-2459					ABORT LINE: ABORT LINE OUTSIDE SOW BOUNDARY
13:21:01	LB	CA-2462	OEMBA04059.D14	1100	OEXTF04059.D14	339	MAIN: FORCE ACQUIRED: ACQUIRE LINE OUTSIDE SOW AREA
14:11:43				900			RPM CHANGE
14:12:19				600			RPM CHANGE
14:16:21							SVP OESVP04059.D20 TAKEN: APPLIED SENSOR 4880
14:17:14				800			RPM CHANGE
14:17:20							SVP OESVP04059.D20 APPLIED
14:17:54				1000			RPM CHANGE
14:18:26				1200			RPM CHANGE
14:44:38	LE	CA-2462					
14:46:21	LB	CA-2465	OEMBA04059.D15	1200	OEXTF04059.D15	159	MAIN:
14:46:27				1100			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 059
Date: 02/28/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
14:48:54				900			RPM CHANGE
14:49:14				600			RPM CHANGE
14:53:03				900			RPM CHANGE
14:53:27							SVP OESVP04059.D21 TAKEN: APPLIED SENSOR 4880
14:53:37							SVP OESVP04059.D21 APPLIED
14:53:49				1100			RPM CHANGE
15:39:49				900			RPM CHANGE
15:40:08				600			RPM CHANGE
15:44:24				900			RPM CHANGE
15:45:20				1100			RPM CHANGE
15:45:47							SVP OESVP04059.D22 TAKEN: APPLIED SENSOR 4880
15:45:58							SVP OESVP04059.D22 APPLIED
15:52:18							WIND 5-10 KNOTS, DIRECTION NW, WAVE HEIGHT 1 FEET, VISIBILITY UNLIMITED NMI
16:07:48	LE	CA-2465					ABORT LINE: ABORTED OUTSIDE SOW BOUNDARY
16:09:22	LB	CA-2468	OEMBA04059.D16	1200	OEXTF04059.D16	339	MAIN: FORCE ACQUIRED: OUTSIDE SOW BOUNDARY
16:30:56							WIND 5 KNOTS, DIRECTION NW, WAVE HEIGHT <1 FEET, VISIBILITY UNLIMITED NMI
16:46:06				1000			RPM CHANGE
16:46:28				800			RPM CHANGE
16:46:53				600			RPM CHANGE
16:50:40							SVP OESVP04059.D23 TAKEN: APPLIED SENSOR 4880
16:51:14				800			RPM CHANGE
16:51:21							SVP OESVP04059.D23 APPLIED
16:51:53				1000			RPM CHANGE
16:52:19				1200			RPM CHANGE
17:17:31				1000			RPM CHANGE
17:17:44				800			RPM CHANGE
17:17:54				600			RPM CHANGE
17:21:38							SVP OESVP04059.D24 TAKEN: APPLIED. SENSOR 4880.
17:21:47							SVP OESVP04059.D24 APPLIED
17:22:46				800			RPM CHANGE
17:23:00				1000			RPM CHANGE
17:23:17				1200			RPM CHANGE
17:30:47	LE	CA-2468					
17:32:20	LB	CA-2471	OEMBA04059.D17	1100	OEXTF04059.D17	159	MAIN: MAIN
17:57:37				1000			RPM CHANGE
17:57:49				800			RPM CHANGE
17:57:59				600			RPM CHANGE
18:02:07							SVP OESVP04059.D25 TAKEN: APPLIED. SENSOR 4880.

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 059
Date: 02/28/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
18:02:17							SVP OESVP04059.D25 APPLIED
18:03:16				800			RPM CHANGE
18:03:33				1100			RPM CHANGE
18:36:39				900			RPM CHANGE
18:36:54				600			RPM CHANGE
18:40:34							SVP OESVP04059.D26 TAKEN: APPLIED. SENSOR 4880
18:40:42							SVP OESVP04059.D26 APPLIED
18:41:58				800			RPM CHANGE
18:42:13				1100			RPM CHANGE
18:53:30	LE	CA-2471					ABORT LINE: ABORTED LINE OUTSIDE OF SOW AREA.
18:55:01	LB	CA-2474	OEMBA04059.D18	1100	OEXTF04059.D18	338	MAIN: FORCE ACQUIRED: OUTSIDE OF SOW AREA.
18:55:25				1200			RPM CHANGE
18:59:06				1150			RPM CHANGE
19:35:41				800			RPM CHANGE
19:35:53				600			RPM CHANGE
19:39:52							SVP OESVP04059.D27 TAKEN: APPLIED. SENSOR 4880.
19:40:04							SVP OESVP04059.D27 APPLIED
19:40:10				800			RPM CHANGE
19:40:22				1150			RPM CHANGE
20:05:18				800			RPM CHANGE
20:05:29				600			RPM CHANGE
20:14:15							SVP OESVP04059.D28 TAKEN: APPLIED. SENSOR 4880.
20:14:21							SVP OESVP04059.D28 APPLIED
20:15:18				800			RPM CHANGE
20:15:34				1150			RPM CHANGE
20:21:58	LE	CA-2474					
20:23:34	LB	CA-2477	OEMBA04059.D19	1150	OEXTF04059.D19	159	MAIN: MAIN
20:58:57				800			RPM CHANGE
20:59:09				600			RPM CHANGE
21:03:56							SVP OESVP04059.D29 TAKEN: APPLIED. SENSOR 4880.
21:04:03							SVP OESVP04059.D29 APPLIED
21:05:12				800			RPM CHANGE
21:05:33				1150			RPM CHANGE
21:08:00				1100			RPM CHANGE
21:40:51	LE	CA-2477					ABORT LINE: ABORT LINE OUTSIDE OF SOW AREA.
21:42:17	LB	CA-2480		1150		339	MAIN: FORCE ACQUIRED: OUTSIDE OF SOW AREA.
21:43:16				800			RPM CHANGE
21:43:27				600			RPM CHANGE
21:47:13							SVP OESVP04059.D30 TAKEN: APPLIED. SENSOR 4880.
21:47:21							SVP OESVP04059.D30 APPLIED

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 059
Date: 02/28/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
21:48:22				800			RPM CHANGE
21:48:35				1150			RPM CHANGE
21:54:40				1200			RPM CHANGE
22:28:53				1000			RPM CHANGE
22:29:03				800			RPM CHANGE
22:29:12				600			RPM CHANGE
22:35:55							SVP OESVP04059.D31 TAKEN: APPLIED. SENSOR 4880.
22:36:04							SVP OESVP04059.D31 APPLIED
22:36:47				800			RPM CHANGE
22:37:21				1000			RPM CHANGE
22:38:05				1200			RPM CHANGE
23:06:09	LE	CA-2480					
23:07:38	LB	CA-2483	OEMBA04059.D20	1200	OEXTF04059.D20	159	MAIN:
23:11:43				1100			RPM CHANGE
23:15:07				900			RPM CHANGE
23:15:32				600			RPM CHANGE
23:19:18							SVP OESVP04059.D32 TAKEN: APPLIED SENSOR 4880
23:19:59				900			RPM CHANGE
23:20:04							SVP OESVP04059.D32 APPLIED
23:20:34				1100			RPM CHANGE
23:32:40							WIND 10 KNOTS, DIRECTION NW, WAVE HEIGHT 2 FEET, VISIBILITY NA NMI
23:56:43	LE	CA-2483					ABORT LINE: SHUT DOWN SYSTEM FOR GPS WEEK ROLL OVER
23:57:01			OEMBA04059.D21		OEXTF04059.D21		MB FILE CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 060
Date: 02/29/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
00:02:02			OEMBA04060.D01		OEXTF04060.D01		MB FILE CHANGE
00:02:02							SVP OESVP04049.D03 APPLIED
00:06:50							DRAFT CHANGED TO 1.430000 METERS
00:06:57			OEMBA04060.D02		OEXTF04060.D02		MB FILE CHANGE
00:07:17							SVP OESVP04059.D32 APPLIED
00:07:22							SYSTEM BACK UP AND RUNNING. SVP CAST THEN RE-START SURVEYING
00:11:15							SVP OESVP04060.D01 TAKEN: APPLIED SENSOR 4880
00:11:21							SVP OESVP04060.D01 APPLIED
00:16:47	LB	CA-2483	OEMBA04060.D02	1100	OEXTF04060.D02	159	MAIN: FORCE ACQUIRED: RESTART SURVEY AFTER SHUT DOWN FOR GPS WEEK ROLL OVER
00:45:15	LE	CA-2483					ABORT LINE: ABORT LINE OUTSIDE SOW BOUNDARY
00:46:31	LB	CA-2486		1100		159	MAIN: FORCE ACQUIRED: FORCE ACQUIRE OUTSIDE SOW BOUNDARY
00:46:51			OEMBA04060.D03		OEXTF04060.D03		MB FILE CHANGE
00:48:05							CHANGED ALL FILE NAMES AFTER START OF LINE. NOW LOGGING TO OEMBA04060.D03
01:14:13							WIND 5 KNOTS, DIRECTION NW, WAVE HEIGHT 1 FEET, VISIBILITY NA NMI
01:19:42				900			RPM CHANGE
01:20:08				600			RPM CHANGE
01:23:42							SVP OESVP04060.D02 TAKEN: APPLIED SENSOR 4880
01:24:25				800			RPM CHANGE
01:24:30							SVP OESVP04060.D02 APPLIED
01:24:53				1000			RPM CHANGE
01:25:19				1200			RPM CHANGE
02:08:06	LE	CA-2486					
02:09:49	LB	CA-2489	OEMBA04060.D04	1100	OEXTF04060.D04	339	MAIN:
02:19:22				900			RPM CHANGE
02:19:46				600			RPM CHANGE
02:23:41				900			RPM CHANGE
02:24:11				1100			RPM CHANGE
02:25:23							SVP OESVP04060.D03 TAKEN: APPLIED SENSOR 4880
02:25:39							SVP OESVP04060.D03 APPLIED
02:28:31							WIND LT KNOTS, DIRECTION VARIABLE, WAVE HEIGHT CALM FEET, VISIBILITY NA NMI
03:05:27							BRIEF ONE SECOND ETHERNET TIME OUT ON RESON ABOUT 030500
03:12:39				900			RPM CHANGE
03:13:05				600			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 060
Date: 02/29/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
03:16:52							SVP OESVP04060.D04 TAKEN: APPLIED SENSOR 4880
03:17:33				900			RPM CHANGE
03:17:38							SVP OESVP04060.D04 APPLIED
03:18:05				1100			RPM CHANGE
03:29:53	LE	CA-2489					ABORT LINE: ABORT OUTSIDE SOW BOUNDARY
03:31:17	LB	CA-2492	OEMBA04060.D05	1100	OEXTF04060.D05	339	MAIN: FORCE ACQUIRED: OUTSIDE SOW BOUNDARY
03:32:15				1200			RPM CHANGE
04:31:59				1000			RPM CHANGE
04:32:20				800			RPM CHANGE
04:32:46				600			RPM CHANGE
04:36:17							SVP OESVP04060.D05 TAKEN: APPLIED SENSOR 4880
04:36:55				800			RPM CHANGE
04:37:01							SVP OESVP04060.D05 APPLIED
04:37:26				1000			RPM CHANGE
04:37:50				1200			RPM CHANGE
04:49:08	LE	CA-2492					
04:50:52	LB	CA-2495	OEMBA04060.D06	1200	OEXTF04060.D06	159	MAIN:
05:45:15				1000			RPM CHANGE
05:45:30				800			RPM CHANGE
05:45:38				600			RPM CHANGE
05:49:58							SVP OESVP04060.D06 TAKEN: APPLIED. SENSOR 4880.
05:50:05							SVP OESVP04060.D06 APPLIED
05:53:17				800			RPM CHANGE
05:53:51				1000			RPM CHANGE
05:54:05				1200			RPM CHANGE
05:56:21				1150			RPM CHANGE
06:06:50	LE	CA-2495					ABORT LINE: ABORT LINE OUTSIDE OF SOW AREA AT SOUTH EDGE.
06:07:49	LB	CA-2498	OEMBA04060.D07	1150	OEXTF04060.D07	339	MAIN: FORCE ACQUIRED: OUTSIDE OF SOW AREA.
06:56:51				900			RPM CHANGE
06:57:08				600			RPM CHANGE
07:02:43							SVP OESVP04060.D07 TAKEN: APPLIED. SENSOR 4880.
07:02:52							SVP OESVP04060.D07 APPLIED
07:04:12				900			RPM CHANGE
07:04:29				1150			RPM CHANGE
07:08:04							WIND LT KNOTS, DIRECTION VARIABLE, WAVE HEIGHT CALM FEET, VISIBILITY NA NMI
07:29:54	LE	CA-2498					
07:31:27	LB	CA-2501	OEMBA04060.D08	1150	OEXTF04060.D08	159	MAIN: MAIN
08:06:10				1100			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 060
Date: 02/29/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
08:15:16				900			RPM CHANGE
08:15:24				600			RPM CHANGE
08:21:40							SVP OESVP04060.D08 TAKEN: APPLIED. SENSOR 4880.
08:21:50							SVP OESVP04060.D08 APPLIED
08:23:26				900			RPM CHANGE
08:23:45				1100			RPM CHANGE
08:48:17	LE	CA-2501					ABORT LINE: ABORTED LINE OUTSIDE OF SOW AREA AT SOUTH END.
08:49:44	LB	CA-2504	OEMBA04060.D09	1100	OEXTF04060.D09	339	MAIN: FORCE ACQUIRED: MAIN
08:51:21				1150			RPM CHANGE
09:25:45				900			RPM CHANGE
09:25:58				600			RPM CHANGE
09:35:48							SVP OESVP04060.D09 TAKEN: APPLIED. SENSOR 4880.
09:36:16							SVP OESVP04060.D09 APPLIED
09:38:06				900			RPM CHANGE
09:38:26				1100			RPM CHANGE
09:38:46				1150			RPM CHANGE
10:12:30	LE	CA-2504					
10:14:20	LB	CA-2507	OEMBA04060.D10	1150	OEXTF04060.D10	159	MAIN: MAIN
10:46:11				900			RPM CHANGE
10:46:39				600			RPM CHANGE
10:50:43							SVP OESVP04060.D10 TAKEN: APPLIED SENSOR 4880
10:51:27				800			RPM CHANGE
10:52:15				1150			RPM CHANGE
10:53:58							SVP OESVP04060.D10 APPLIED
11:08:45							WIND LT KNOTS, DIRECTION W, WAVE HEIGHT CALM FEET, VISIBILITY UNLIMITED NMI
11:29:22	LE	CA-2507					ABORT LINE: ABORT OUTSIDE SOW BOUNDARY
11:30:44	LB	CA-2510	OEMBA04060.D11	1150	OEXTF04060.D11	339	MAIN: FORCE ACQUIRED: OUTSIDE SOW BOUNDARY
11:31:48				1200			RPM CHANGE
11:35:22							MEME HAD BACKED UP JD058 MULTIBEAM AND XTF FILE FROM F: TO TAPE. STARTED TO DELETE THESE FILES FROM THE F: DRIVE TO FREE UP SPACE. GETTING PING DROPS WHILE DELETING ONE FILE AT A TIME. WILL CONTINUE DELETING ONLY IN TURNS.
12:20:39				1000			RPM CHANGE
12:21:00				800			RPM CHANGE
12:21:22				600			RPM CHANGE
12:25:00							SVP OESVP04060.D11 TAKEN: APPLIED SENSOR 4880
12:25:37				800			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 060
Date: 02/29/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
12:25:46							SVP OESVP04060.D11 APPLIED
12:26:13				1000			RPM CHANGE
12:26:33				1200			RPM CHANGE
12:46:30	LE	CA-2510					
12:48:01	LB	CA-2513	OEMBA04060.D12	1200	OEXTF04060.D12	159	MAIN:
12:48:16				1100			RPM CHANGE
13:25:44				900			RPM CHANGE
13:26:13				600			RPM CHANGE
13:30:04				800			RPM CHANGE
13:30:29							SVP OESVP04060.D12 TAKEN: APPLIED SENSOR 4880
13:30:42							SVP OESVP04060.D12 APPLIED
13:30:51				1100			RPM CHANGE
14:05:04	LE	CA-2513					ABORT LINE: ABORT OUTSIDE SOW BOUNDARY
14:06:14	LB	CA-2516	OEMBA04060.D13	1100	OEXTF04060.D13	339	MAIN: FORCE ACQUIRED: OUTSIDE SOW BOUNDARY
14:07:49				900			RPM CHANGE
14:08:08				600			RPM CHANGE
14:11:33				800			RPM CHANGE
14:11:54							SVP OESVP04060.D13 TAKEN: APPLIED SENSOR 4880
14:12:04				1000			RPM CHANGE
14:12:08							SVP OESVP04060.D13 APPLIED
14:12:27				1200			RPM CHANGE
14:46:37							WIND LT KNOTS, DIRECTION W, WAVE HEIGHT CALM FEET, VISIBILITY UNLIMITED NMI
15:00:58				1000			RPM CHANGE
15:01:24				800			RPM CHANGE
15:01:43				600			RPM CHANGE
15:05:00							SVP OESVP04060.D14 TAKEN: APPLIED SENSOR 4880
15:05:52				800			RPM CHANGE
15:05:56							SVP OESVP04060.D14 APPLIED
15:06:21				1000			RPM CHANGE
15:06:40				1200			RPM CHANGE
15:24:55	LE	CA-2516					
15:36:44							SVP OESVP04060.D15 TAKEN: APPLIED SENSOR 4880
15:37:20							SVP OESVP04060.D15 APPLIED
15:39:51	LB	30_C-9001	OEMBA04060.D14	1100	OEXTF04060.D14	249	CROSS:
15:56:14				900			RPM CHANGE
15:56:33				600			RPM CHANGE
15:59:07							SVP OESVP04060.D16 TAKEN: APPLIED. SENSOR 4880.
15:59:46				800			RPM CHANGE
15:59:50							SVP OESVP04060.D16 APPLIED

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 060
Date: 02/29/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
16:00:17				1100			RPM CHANGE
16:06:27	LE	30_C-9001					
16:15:06							RE-APPLIED SVP CAST OESVP04060.D14
16:15:08							SVP OESVP04060.D14 APPLIED
16:19:28	LB	CA-2522	OEMBA04060.D15	1100	OEXTF04060.D15	159	MAIN:
16:34:54							WIND LT KNOTS, DIRECTION VARIABLE, WAVE HEIGHT CALM FEET, VISIBILITY UNLIMITED NMI
16:50:16				900			RPM CHANGE
16:50:37				600			RPM CHANGE
16:55:17							SVP OESVP04060.D17 TAKEN: APPLIED. SENSOR 4880.
16:55:50							SVP OESVP04060.D17 APPLIED
16:56:36				900			RPM CHANGE
16:57:05				1100			RPM CHANGE
17:31:17				900			RPM CHANGE
17:31:33				600			RPM CHANGE
17:34:47							SVP OESVP04060.D18 TAKEN: APPLIED. SENSOR 4880.
17:34:57							SVP OESVP04060.D18 APPLIED
17:36:03				900			RPM CHANGE
17:36:17				1100			RPM CHANGE
17:38:54	LE	CA-2522					ABORT LINE: ABORT LINE OUTSIDE OF SOW AREA SOUTH END.
17:40:15	LB	CA-2525	OEMBA04060.D16	1100	OEXTF04060.D16	338	MAIN: FORCE ACQUIRED: OUTSIDE OF SOW AREA SOUTH END.
17:40:30				1150			RPM CHANGE
18:13:51				900			RPM CHANGE
18:14:08				600			RPM CHANGE
18:17:27							SVP OESVP04060.D19 TAKEN: APPLIED. SENSOR 4880.
18:17:36							SVP OESVP04060.D19 APPLIED
18:18:40				900			RPM CHANGE
18:19:01							ENTERING A TIDAL ZONE WITH ICE CHUNKS IN IT. TOOK AN SVP CAST.
18:19:03				1150			RPM CHANGE
18:39:23				900			RPM CHANGE
18:39:31				600			RPM CHANGE
18:42:54							SVP OESVP04060.D20 TAKEN: APPLIED. SENSOR 4880.
18:43:02							SVP OESVP04060.D20 APPLIED
18:44:05				900			RPM CHANGE
18:44:21				1150			RPM CHANGE
19:01:51	LE	CA-2525					
19:03:25	LB	CA-2528	OEMBA04060.D17	1150	OEXTF04060.D17	159	MAIN: MAIN
19:34:48				900			RPM CHANGE
19:34:59				600			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 060
Date: 02/29/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
19:41:19							SVP OESVP04060.D21 TAKEN: APPLIED. SENSOR 4880.
19:41:31							SVP OESVP04060.D21 APPLIED
19:42:29				900			RPM CHANGE
19:42:44				1150			RPM CHANGE
19:43:32				1100			RPM CHANGE
20:15:44	LE	CA-2528					ABORT LINE: ABORTED LINE OUTSIDE OF SOW AREA AT SOUTH END.
20:17:12	LB	CA-2531		1150		339	MAIN: FORCE ACQUIRED: OUTSIDE OF SOW AREA AT SOUTH END.
20:21:02				1200			RPM CHANGE
20:26:50				900			RPM CHANGE
20:27:04				600			RPM CHANGE
20:30:24							SVP OESVP04060.D22 TAKEN: APPLIED. SENSOR 4880.
20:30:31							SVP OESVP04060.D22 APPLIED
20:31:45				900			RPM CHANGE
20:32:02				1200			RPM CHANGE
21:12:26				1000			RPM CHANGE
21:15:42				1200			RPM CHANGE
21:16:27							SVP OESVP04060.D23 TAKEN: APPLIED. SENSOR 4880.
21:17:48							SVP OESVP04060.D23 APPLIED
21:32:57	LE	CA-2531					
21:34:45	LB	CA-2534	OEMBA04060.D18	1200	OEXTF04060.D18	159	MAIN: MAIN
21:34:51				1150			RPM CHANGE
22:08:27							WIND LT KNOTS, DIRECTION VARIABLE, WAVE HEIGHT CALM FEET, VISIBILITY UNLIMITED NMI
22:19:57				900			RPM CHANGE
22:20:19				600			RPM CHANGE
22:23:48							SVP OESVP04060.D24 TAKEN: APPLIED SENSOR 4880
22:24:24				900			RPM CHANGE
22:24:30							SVP OESVP04060.D24 APPLIED
22:24:57				1100			RPM CHANGE
22:43:16	LE	CA-2534					ABORT LINE: ABORT LINE OUTSIDE SOW BOUNDARY
22:45:17	LB	CA-2537	OEMBA04060.D19	1200	OEXTF04060.D19	339	MAIN: FORCE ACQUIRED: LINE OUTSIDE SOW BOUNDARY
23:27:14				1000			RPM CHANGE
23:27:36				800			RPM CHANGE
23:28:03				600			RPM CHANGE
23:31:28							SVP OESVP04060.D25 TAKEN
23:32:07				800			RPM CHANGE
23:32:11							SVP OESVP04060.D25 APPLIED
23:32:27				1000			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 060
Date: 02/29/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
23:32:46				1200			RPM CHANGE
23:55:11	LE	CA-2537					
23:56:49	LB	CA-2540	OEMBA04060.D20	1100	OEXTF04060.D20	159	MAIN:

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 061
Date: 03/01/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
00:00:01			OEMBA04061.D01		OEXTF04061.D01		MB FILE CHANGE
00:06:55							WIND LT KNOTS, DIRECTION VARIABLE, WAVE HEIGHT CALM FEET, VISIBILITY NA NMI
00:39:52				800			RPM CHANGE
00:40:11				600			RPM CHANGE
00:44:03				900			RPM CHANGE
00:44:26							SVP OESVP04061.D01 TAKEN: APPLIED SENSOR 4880
00:44:28				1100			RPM CHANGE
00:44:37							SVP OESVP04061.D01 APPLIED
01:05:23	LE	CA-2540					ABORT LINE: ABORT LINE OUTSIDE SOW BOUNDARY
01:07:55	LB	CA-2543	OEMBA04061.D02	1200	OEXTF04061.D02	339	MAIN: FORCE ACQUIRED: OUTSIDE SOW BOUNDARY
01:54:12				1000			RPM CHANGE
01:54:31				800			RPM CHANGE
01:54:44				600			RPM CHANGE
01:58:14							SVP OESVP04061.D02 TAKEN: APPLIED SENSOR 4880
01:58:50				900			RPM CHANGE
01:58:57							SVP OESVP04061.D02 APPLIED
01:59:19				1200			RPM CHANGE
02:17:04	LE	CA-2543					
02:18:48	LB	CA-2546	OEMBA04061.D03	1200	OEXTF04061.D03	159	MAIN:
02:54:37				1000			RPM CHANGE
02:54:58				600			RPM CHANGE
02:58:33							SVP OESVP04061.D03 TAKEN: APPLIED SENSOR 4880
02:59:08				1000			RPM CHANGE
02:59:12							SVP OESVP04061.D03 APPLIED
02:59:41				1200			RPM CHANGE
03:01:09							WIND 5 KNOTS, DIRECTION SW, WAVE HEIGHT <1 FEET, VISIBILITY NA NMI
03:23:23	LE	CA-2546					ABORT LINE: ABORT OUTSIDE SOW BOUNDARY
03:24:23	LB	CA-2549	OEMBA04061.D04	1200	OEXTF04061.D04	339	MAIN: FORCE ACQUIRED: OUTSIDE SOW BOUNDARY
04:11:09				900			RPM CHANGE
04:11:32				600			RPM CHANGE
04:15:13				900			RPM CHANGE
04:15:32							SVP OESVP04061.D04 TAKEN: APPLIED SENSOR 4880
04:15:37				1200			RPM CHANGE
04:15:41							SVP OESVP04061.D04 APPLIED
04:30:38	LE	CA-2549					
04:32:15	LB	CA-2552	OEMBA04061.D05	1200	OEXTF04061.D05	159	MAIN:
04:32:21				1100			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 061
Date: 03/01/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
04:46:46							WIND CALM KNOTS, DIRECTION VARIABLE, WAVE HEIGHT 0 (FLAT) FEET, VISIBILITY NA NMI
05:20:14				900			RPM CHANGE
05:20:29				600			RPM CHANGE
05:25:18							SVP OESVP04061.D05 TAKEN: APPLIED. SENSOR 4880.
05:25:25							SVP OESVP04061.D05 APPLIED
05:28:05				900			RPM CHANGE
05:30:03				1050			RPM CHANGE
05:33:10				1100			RPM CHANGE
05:38:15	LE	CA-2552					ABORT LINE: ABORT LINE SOUTH OF SOW AREA BOUNDARY.
05:38:30							SLIGHT PAUSE IN DATA COLLECTION WHILE CAPTAINS CHECK OIL IN ONE ENGINE.
05:45:53	LB	CA-2555	OEMBA04061.D06	1200	OEXTF04061.D06	339	MAIN: FORCE ACQUIRED: MAIN. FORCE ACQUIRE OUTSIDE OF SOW AREA BOUNDARY TO THE SOUTH.
06:02:54							WIND CALM KNOTS, DIRECTION VARIABLE, WAVE HEIGHT 0 (FLAT) FEET, VISIBILITY NA NMI
06:29:10				900			RPM CHANGE
06:29:24				600			RPM CHANGE
06:32:38							SVP OESVP04061.D06 TAKEN: APPLIED. SENSOR 4880.
06:32:45							SVP OESVP04061.D06 APPLIED
06:34:00				900			RPM CHANGE
06:34:33				1200			RPM CHANGE
06:49:50	LE	CA-2555					
06:51:21	LB	CA-2558	OEMBA04061.D07	1100	OEXTF04061.D07	159	MAIN: MAIN
07:30:26				900			RPM CHANGE
07:30:41				600			RPM CHANGE
07:34:17							SVP OESVP04061.D07 TAKEN: APPLIED. SENSOR 4880.
07:34:23							SVP OESVP04061.D07 APPLIED
07:35:45				900			RPM CHANGE
07:36:06				1100			RPM CHANGE
07:51:10	LE	CA-2558					ABORT LINE: ABORTED LINE OUTSIDE OF SOW SOUTHERN BOUNDARY.
07:52:43	LB	CA-2561		1200		339	MAIN: FORCE ACQUIRED: MAIN
08:30:14				900			RPM CHANGE
08:30:28				600			RPM CHANGE
08:36:54							SVP OESVP04061.D08 TAKEN: APPLIED. SENSOR 4880.
08:37:02							SVP OESVP04061.D08 APPLIED
08:38:16				900			RPM CHANGE
08:38:28				1200			RPM CHANGE
08:56:25	LE	CA-2561					

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 061
Date: 03/01/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
08:57:57	LB	CA-2564	OEMBA04061.D08	1100	OEXTF04061.D08	159	MAIN: MAIN
08:58:28				1150			RPM CHANGE
09:32:34				1100			RPM CHANGE
09:40:01				900			RPM CHANGE
09:40:19				600			RPM CHANGE
09:43:59							SVP OESVP04061.D09 TAKEN: APPLIED. SENSOR 4880.
09:44:10							SVP OESVP04061.D09 APPLIED
09:45:35				900			RPM CHANGE
09:45:52				1100			RPM CHANGE
09:53:52	LE	CA-2564					ABORT LINE: ABORT LINE OUTSIDE OF SOW AREA SOUTHERN BOUNDARY.
09:55:18	LB	CA-2567	OEMBA04061.D09	1100	OEXTF04061.D09	339	MAIN: FORCE ACQUIRED: OUTSIDE SOW AREA SOUTHERN BOUNDARY.
09:58:44							RPM PARAMETERS JUST CHANGED TO 1200 FROM 1100. ACTUAL RPMS HAS BEEN 1200 SINCE START OF THIS LINE.
09:59:02				1200			RPM CHANGE
10:32:23				900			RPM CHANGE
10:32:45				600			RPM CHANGE
10:36:18							SVP OESVP04061.D10 TAKEN: APPLIED SENSOR 4880
10:36:28							SVP OESVP04061.D10 APPLIED
10:37:46				900			RPM CHANGE
10:38:15				1200			RPM CHANGE
10:55:16	LE	CA-2567					
10:56:53	LB	CA-2570	OEMBA04061.D10	1200	OEXTF04061.D10	159	MAIN:
10:57:20				1100			RPM CHANGE
11:02:42							WIND CALM KNOTS, DIRECTION VARIABLE, WAVE HEIGHT 0 (FLAT) FEET, VISIBILITY NA NMI
11:37:18				900			RPM CHANGE
11:37:41				600			RPM CHANGE
11:41:10							SVP OESVP04061.D11 TAKEN: APPLIED SENSOR 4880
11:41:47				900			RPM CHANGE
11:41:50							SVP OESVP04061.D11 APPLIED
11:42:23				1100			RPM CHANGE
11:49:53	LE	CA-2570					ABORT LINE: ABORT LINE OUTSIDE SOW BOUNDARY
11:51:06	LB	CA-2573	OEMBA04061.D11	1100	OEXTF04061.D11	339	MAIN: FORCE ACQUIRED: OUTSIDE SOW BOUNDARY
12:18:08				1200			RPM CHANGE
12:26:07				900			RPM CHANGE
12:26:29				600			RPM CHANGE
12:29:52				900			RPM CHANGE
12:30:14							SVP OESVP04061.D12 TAKEN: APPLIED SENSOR 4880

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 061
Date: 03/01/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
12:30:26				1200			RPM CHANGE
12:30:30							SVP OESVP04061.D12 APPLIED
12:46:21	LE	CA-2573					
12:47:58	LB	CA-2576	OEMBA04061.D12	1200	OEXTF04061.D12	159	MAIN:
12:48:00				1100			RPM CHANGE
13:26:51				900			RPM CHANGE
13:27:15				600			RPM CHANGE
13:30:38							SVP OESVP04061.D13 TAKEN: APPLIED SENSOR 4880
13:31:14				900			RPM CHANGE
13:31:20							SVP OESVP04061.D13 APPLIED
13:31:45				1100			RPM CHANGE
13:36:56	LE	CA-2576					ABORT LINE: ABORT OUTSIDE SOW BOUNDARY
13:38:12	LB	CA-2579	OEMBA04061.D13	1100	OEXTF04061.D13	339	MAIN: FORCE ACQUIRED: OUTSIDE SOW BOUNDARY
13:39:26				1200			RPM CHANGE
14:11:11				1000			RPM CHANGE
14:11:32				600			RPM CHANGE
14:12:12							WIND CALM KNOTS, DIRECTION VARIABLE, WAVE HEIGHT 0 (FLAT) FEET, VISIBILITY NA NMI
14:15:24							SVP OESVP04061.D14 TAKEN: APPLIED SENSOR 4880
14:15:53				900			RPM CHANGE
14:15:57							SVP OESVP04061.D14 APPLIED
14:16:23				1200			RPM CHANGE
14:26:48	LE	CA-2579					
14:28:21	LB	CA-2582	OEMBA04061.D14	1200	OEXTF04061.D14	159	MAIN:
14:28:30				1100			RPM CHANGE
14:52:49	LE	CA-2582					ABORT LINE: ABORT LINE OUTSIDE SOW BOUNDARY
14:53:52	LB	CA-2585	OEMBA04061.D15	1200	OEXTF04061.D15	339	MAIN: FORCE ACQUIRED: FORCE ACQUIRE LINE OUTSIDE SOW BOUNDARY
15:17:30	LE	CA-2585					
15:19:05	LB	CA-2588	OEMBA04061.D16	1200	OEXTF04061.D16	159	MAIN:
15:19:24				1100			RPM CHANGE
15:30:17				900			RPM CHANGE
15:30:39				600			RPM CHANGE
15:33:24							SVP OESVP04061.D15 TAKEN: APPLIED SENSOR 4880
15:34:06				900			RPM CHANGE
15:34:10							SVP OESVP04061.D15 APPLIED
15:34:32				1100			RPM CHANGE
15:44:16	LE	CA-2588					ABORT LINE: ABORT LINE OUTSIDE SOW BOUNDARY
15:45:00	LB	CA-2591	OEMBA04061.D17	1200	OEXTF04061.D17	339	MAIN: FORCE ACQUIRED: LINE OUTSIDE SOW BOUNDARY
16:07:55	LE	CA-2591					

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 061
Date: 03/01/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
16:09:29	LB	CA-2594	OEMBA04061.D18	1200	OEXTF04061.D18	159	MAIN:
16:10:53				1100			RPM CHANGE
16:33:06	LE	CA-2594					ABORT LINE: ABORT LINE OUTSIDE SOW BOUNDARY
16:34:33	LB	CA-2597	OEMBA04061.D19	1200	OEXTF04061.D19	339	MAIN: FORCE ACQUIRED: FORCE ACQUIRE OUTSIDE SOW AREA
16:37:25				900			RPM CHANGE
16:37:33				600			RPM CHANGE
16:40:58							SVP OESVP04061.D16 TAKEN: APPLIED SENSOR 4880
16:41:07							SVP OESVP04061.D16 APPLIED
16:42:08				900			RPM CHANGE
16:42:28				1200			RPM CHANGE
16:58:48	LE	CA-2597					
17:00:51	LB	CA-2600	OEMBA04061.D20	1100	OEXTF04061.D20	159	MAIN: MAIN
17:22:53	LE	CA-2600					ABORT LINE: ABORTED LINE OUTSIDE OF SOW AREA SOUTHERN BOUNDARY.
17:24:31	LB	CA-2603	OEMBA04061.D21	1100	OEXTF04061.D21	339	MAIN: FORCE ACQUIRED: MAIN
17:46:18	LE	CA-2603					
17:46:51			OEMBA04061.D22		OEXTF04061.D22		MB FILE CHANGE
17:54:46							SVP OESVP04061.D17 TAKEN: APPLIED. SENSOR 4880.
17:54:52							SVP OESVP04061.D17 APPLIED
17:57:03	LB	CA-2519	OEMBA04061.D22	1100	OEXTF04061.D22	159	MAIN: MAIN
18:12:44				1150			RPM CHANGE
18:34:01				900			RPM CHANGE
18:34:15				600			RPM CHANGE
18:37:38							SVP OESVP04061.D18 TAKEN: APPLIED. SENSOR 4880.
18:37:44							SVP OESVP04061.D18 APPLIED
18:38:50				900			RPM CHANGE
18:39:11				1150			RPM CHANGE
19:14:37	LE	CA-2519					ABORT LINE: ABORT LINE OUTSIDE OF SOW AREA SOUTHERN BOUNDARY.
19:20:00	LB	30_C-9006	OEMBA04061.D23	1150	OEXTF04061.D23	69	CROSS: FORCE ACQUIRED:
19:34:28				900			RPM CHANGE
19:34:43				600			RPM CHANGE
19:35:33							WIND 5-10 KNOTS, DIRECTION SE, WAVE HEIGHT < 1 FT. FEET, VISIBILITY UNLIMITED NMI
19:38:37							SVP OESVP04061.D19 TAKEN: APPLIED SENSOR 4880
19:39:22				900			RPM CHANGE
19:39:35				1150			RPM CHANGE
19:40:13							SVP OESVP04061.D19 APPLIED
19:46:41	LE	30_C-9006					
19:47:01			OEMBA04061.D24		OEXTF04061.D24		MB FILE CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: GRD/EAL
Julian Day: 061
Date: 03/01/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
19:58:14							END OF SURVEY LEG. TRANSITING TO GLOUCESTER.
21:08:40							ARRIVE ROSE OIL, GLOUCESTER. BACKUP ALL DATA AND SHUT DOWN AL SYSTEMS.
21:21:51							DRAFT 1.42 PRIOR TO TAKING ON FUEL

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 073
Date: 03/13/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
20:25:17			OEMBA04073.D01		OEXTF04073.D01		MB FILE CHANGE
20:25:17							SVP OESVP04049.D03 APPLIED
20:31:36							SVP OESVP04049.D03 APPLIED
20:54:35							SURVEY CREW ARRIVED AND STARTED ALL SYSTEMS.
21:26:51							DRAFT CHANGED TO 1.430000 METERS
21:55:52							SVP OESVP04073.D01 TAKEN: TESTING MVP FOR RESTATING SURVEY
21:56:07							SVP OESVP04073.D01 APPLIED
22:12:17							SVP OESVP04073.D01 APPLIED
22:36:47			OEMBA04073.D02		OEXTF04073.D02		MB FILE CHANGE
22:36:47							SVP OESVP04049.D03 APPLIED
22:56:48							DRAFT CHANGED TO 1.430000 METERS
23:01:14							SVP OESVP04073.D02 TAKEN
23:01:22							SVP OESVP04073.D02 APPLIED
23:27:51			OEMBA04073.D03		OEXTF04073.D03		MB FILE CHANGE
23:46:46				0			LEADLINE CONDUCTED OEMBA04073.D02

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
00:00:01			OEMBA04074.D01		OEXTF04074.D01		MB FILE CHANGE
12:22:40							DRAFT CHANGED TO 1.440000 METERS
12:29:00							DRAFT 1.44 TAKEN AND ENTERED IN THE RESON
13:00:00							DEPARTED FROM DOCK: SECOND CAPTAIN ARRIVED, DEPARTED DOCK FOR CAPE ANN SURVEY SITE
13:55:53							WIND 10-12 KNOTS, DIRECTION NW, WAVE HEIGHT 1-2 FEET, VISIBILITY UNLIMITED NMI
14:19:27			OEMBA04074.D02		OEXTF04074.D02		MB FILE CHANGE
14:22:25							SVP OESVP04074.D01 TAKEN: SENSOR # 4880 COMPARISON CAST
14:22:39							SVP OESVP04074.D01 APPLIED
14:28:38							SVP OESVP04074.D02 TAKEN: SENSOR # 4881 COMPARISON CAST
14:29:07							SVP OESVP04074.D02 APPLIED
14:35:36	LB	G_SW-5000	OEMBA04074.D03	1100	OEXTF04074.D03	339	GAP:
14:37:25				1200			RPM CHANGE
14:39:07	LE	G_SW-5000					
14:42:50	LB	G_SW-5001	OEMBA04074.D04	1200	OEXTF04074.D04	159	GAP: GAP FILL
14:47:36	LE	G_SW-5001					
14:51:56	LB	G_SW-5002	OEMBA04074.D05	1200	OEXTF04074.D05	339	GAP:
14:52:29				1000			RPM CHANGE
14:52:48				800			RPM CHANGE
14:55:00				1000			RPM CHANGE
14:56:58							SVP OESVP04074.D03 TAKEN: SENSOR # 4881
14:57:08							SVP OESVP04074.D03 APPLIED
15:00:48				1200			RPM CHANGE
15:01:22	LE	G_SW-5002					
15:05:19	LB	G_SW-5003	OEMBA04074.D06	1200	OEXTF04074.D06	159	GAP: GAP FILL
15:15:34	LE	G_SW-5003					
15:22:33	LB	G_SW-5004	OEMBA04074.D07	1200	OEXTF04074.D07	339	GAP:
15:24:05				1000			RPM CHANGE
15:24:23				800			RPM CHANGE
15:24:41				600			RPM CHANGE
15:25:56				800			RPM CHANGE
15:26:14				1000			RPM CHANGE
15:27:21				1200			RPM CHANGE
15:28:11							SVP OESVP04074.D04 TAKEN
15:28:21							SVP OESVP04074.D04 APPLIED
15:36:56	LE	G_SW-5004					
15:42:56	LB	G_SW-5005	OEMBA04074.D08	1200	OEXTF04074.D08	158	GAP: GAP FILL
15:46:41				1000			RPM CHANGE
15:47:09				800			RPM CHANGE
15:47:29				600			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 074
Date: 03/14/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
15:49:34				800			RPM CHANGE
15:50:03				1000			RPM CHANGE
15:50:14							WELD ON SVP FISH BODY BROKE, SWAPPED WITH SPARE
15:51:29				1200			RPM CHANGE
15:51:43							SVP OESVP04074.D05 TAKEN
15:51:55							SVP OESVP04074.D05 APPLIED
15:54:59							WIND 12 KNOTS, DIRECTION NW, WAVE HEIGHT 1-2 FEET, VISIBILITY UNLIMITED NMI
15:59:32	LE	G_SW-5005					
16:03:40	LB	G_SW-5006	OEMBA04074.D09	1200	OEXTF04074.D09	339	GAP:
16:12:01				1000			RPM CHANGE
16:12:20				800			RPM CHANGE
16:12:41				600			RPM CHANGE
16:14:30				800			RPM CHANGE
16:14:54				1000			RPM CHANGE
16:16:41							SVP OESVP04074.D06 TAKEN
16:17:09							SVP OESVP04074.D06 APPLIED
16:17:16				1200			RPM CHANGE
16:23:19	LE	G_SW-5006					
16:28:00	LB	G_SW-5007	OEMBA04074.D10	1200	OEXTF04074.D10	159	GAP:
16:29:24				1100			RPM CHANGE
16:41:11				1150			RPM CHANGE
16:48:50	LE	G_SW-5007					
16:52:13	LB	G_SW-5008	OEMBA04074.D11	1200	OEXTF04074.D11	339	GAP:
17:02:23				1000			RPM CHANGE
17:02:38				800			RPM CHANGE
17:02:51				600			RPM CHANGE
17:04:11				800			RPM CHANGE
17:04:37				1000			RPM CHANGE
17:05:17							WIND 12-15 KNOTS, DIRECTION NW, WAVE HEIGHT 1-2 FEET, VISIBILITY UNLIMITED NMI
17:06:42							SVP OESVP04074.D07 TAKEN
17:06:50							SVP OESVP04074.D07 APPLIED
17:08:20				1200			RPM CHANGE
17:14:06	LE	G_SW-5008					
17:17:33	LB	G_SW-5009	OEMBA04074.D12	1200	OEXTF04074.D12	159	GAP:
17:38:22	LE	G_SW-5009					
17:41:41	LB	G_SW-5010	OEMBA04074.D13	1200	OEXTF04074.D13	339	GAP:
17:51:56	LE	G_SW-5010					
17:55:03							WIND 12-15 KNOTS, DIRECTION S, WAVE HEIGHT 1-2 FEET, VISIBILITY UNLIMITED NMI

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 074
Date: 03/14/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
17:57:51	LB	G_SW-5011	OEMBA04074.D14	1200	OEXTF04074.D14	159	GAP:
18:11:06	LE	G_SW-5011					
18:14:09	LB	G_SW-5012	OEMBA04074.D15	1200	OEXTF04074.D15	339	GAP:
18:23:56	LE	G_SW-5012					
18:30:54	LB	G_SW-5013	OEMBA04074.D16	1200	OEXTF04074.D16	159	GAP:
18:31:04				1000			RPM CHANGE
18:31:28				800			RPM CHANGE
18:31:51				600			RPM CHANGE
18:33:23				800			RPM CHANGE
18:33:47				1000			RPM CHANGE
18:34:13				1200			RPM CHANGE
18:35:32							SVP OESVP04074.D08 TAKEN
18:35:44							SVP OESVP04074.D08 APPLIED
18:46:15	LE	G_SW-5013					
18:49:21	LB	G_SW-5014	OEMBA04074.D17	1200	OEXTF04074.D17	339	GAP:
19:03:57	LE	G_SW-5014					
19:11:15	LB	G_SW-5015	OEMBA04074.D18	1200	OEXTF04074.D18	159	GAP:
19:31:22	LE	G_SW-5015					
19:35:35	LB	G_SW-5016	OEMBA04074.D19	1200	OEXTF04074.D19	339	GAP:
19:36:57				1000			RPM CHANGE
19:37:17				800			RPM CHANGE
19:37:37				600			RPM CHANGE
19:39:25				800			RPM CHANGE
19:39:55				1000			RPM CHANGE
19:40:53				1200			RPM CHANGE
19:42:22							SVP OESVP04074.D09 TAKEN
19:42:39							SVP OESVP04074.D09 APPLIED
19:55:08	LE	G_SW-5016					
19:58:54	LB	G_SW-5017	OEMBA04074.D20	1200	OEXTF04074.D20	159	GAP:
19:59:48				1000			RPM CHANGE
20:00:05				800			RPM CHANGE
20:00:16				600			RPM CHANGE
20:02:05				800			RPM CHANGE
20:02:54				1000			RPM CHANGE
20:03:59							SVP OESVP04074.D10 TAKEN
20:04:17							SVP OESVP04074.D10 APPLIED
20:04:30				1200			RPM CHANGE
20:04:54							WIND 15 KNOTS, DIRECTION S, WAVE HEIGHT 1-2, CHOPPY FEET, VISIBILITY UNLIMITED NMI
20:17:46	LE	G_SW-5017					
20:21:05	LB	G_SW-5018	OEMBA04074.D21	1200	OEXTF04074.D21	339	GAP:

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 074
Date: 03/14/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
20:22:08				1000			RPM CHANGE
20:22:21	LE	G_SW-5018					ABORT LINE: DATA GAP WILL RESTART LINE
20:24:52	LB	G_SW-5018	OEMBA04074.D22	1000	OEXTF04074.D22	339	GAP: RESTARTING LAST LINE
20:25:23				800			RPM CHANGE
20:25:37				600			RPM CHANGE
20:26:58				800			RPM CHANGE
20:27:16				1000			RPM CHANGE
20:28:59				1200			RPM CHANGE
20:29:22							SVP OESVP04074.D11 TAKEN
20:29:35							SVP OESVP04074.D11 APPLIED
20:42:48	LE	G_SW-5018					
20:56:45	LB	G_SW-5019	OEMBA04074.D23	1200	OEXTF04074.D23	159	GAP:
20:59:46	LE	G_SW-5019					
21:02:46	LB	G_SW-5020	OEMBA04074.D24	1200	OEXTF04074.D24	339	GAP:
21:05:21	LE	G_SW-5020					
21:08:28	LB	G_SW-5021	OEMBA04074.D25	1200	OEXTF04074.D25	159	GAP:
21:10:49	LE	G_SW-5021					
21:13:50	LB	G_SW-5022	OEMBA04074.D26	1200	OEXTF04074.D26	339	GAP:
21:14:04				1000			RPM CHANGE
21:14:21				800			RPM CHANGE
21:14:35				600			RPM CHANGE
21:15:47				800			RPM CHANGE
21:16:03				1000			RPM CHANGE
21:16:51	LE	G_SW-5022					
21:17:48							SVP OESVP04074.D12 TAKEN
21:17:55							SVP OESVP04074.D12 APPLIED
21:20:33	LB	G_SW-5023		1200		159	GAP:
21:23:01	LE	G_SW-5023					
21:26:01	LB	G_SW-5024	OEMBA04074.D27	1200	OEXTF04074.D27	339	GAP:
21:28:37	LE	G_SW-5024					
21:31:44	LB	G_SW-5025	OEMBA04074.D28	1200	OEXTF04074.D28	159	GAP:
21:34:03	LE	G_SW-5025					
21:37:01	LB	G_SW-5026	OEMBA04074.D29	1200	OEXTF04074.D29	339	GAP:
21:38:59							WIND 15 KNOTS, DIRECTION S, WAVE HEIGHT 1-2, CHOPPY FEET, VISIBILITY UNLIMITED NMI
21:39:40	LE	G_SW-5026					
21:43:49	LB	G_SW-5027	OEMBA04074.D30	1200	OEXTF04074.D30	159	GAP:
21:47:20	LE	G_SW-5027					
21:50:16	LB	G_SW-5028	OEMBA04074.D31	1200	OEXTF04074.D31	339	GAP:
21:53:26	LE	G_SW-5028					
21:56:31	LB	G_SW-5029	OEMBA04074.D32	1200	OEXTF04074.D32	159	GAP:

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 074
Date: 03/14/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
21:59:52	LE	G_SW-5029					
22:03:05	LB	G_SW-5030	OEMBA04074.D33	1000	OEXTF04074.D33	339	GAP:
22:03:20				800			RPM CHANGE
22:03:29				600			RPM CHANGE
22:05:48				800			RPM CHANGE
22:05:52				1000			RPM CHANGE
22:07:08	LE	G_SW-5030					
22:07:53							SVP OESVP04074.D13 TAKEN
22:08:07							SVP OESVP04074.D13 APPLIED
22:10:14	LB	G_SW-5031	OEMBA04074.D34	1200	OEXTF04074.D34	159	GAP:
22:13:16	LE	G_SW-5031					
22:16:15	LB	G_SW-5032	OEMBA04074.D35	1200	OEXTF04074.D35	339	GAP:
22:18:52	LE	G_SW-5032					
22:23:08	LB	G_SW-5033	OEMBA04074.D36	1200	OEXTF04074.D36	159	GAP:
22:25:52	LE	G_SW-5033					
22:28:55	LB	G_SW-5034	OEMBA04074.D37	1200	OEXTF04074.D37	339	GAP:
22:31:02	LE	G_SW-5034					
22:34:41	LB	G_SW-5035	OEMBA04074.D38	1200	OEXTF04074.D38	159	GAP:
22:37:39	LE	G_SW-5035					
22:40:36	LB	G_SW-5036	OEMBA04074.D39	1200	OEXTF04074.D39	339	GAP:
22:43:46	LE	G_SW-5036					
22:47:59	LB	G_SW-5037	OEMBA04074.D40	1200	OEXTF04074.D40	159	GAP:
22:52:31	LE	G_SW-5037					
22:57:28	LB	G_SW-5039	OEMBA04074.D41	1200	OEXTF04074.D41	339	GAP:
22:57:57	LE	G_SW-5039					
23:03:30	LB	G_SW-5038	OEMBA04074.D42	1200	OEXTF04074.D42	159	GAP:
23:07:52				1000			RPM CHANGE
23:08:10				800			RPM CHANGE
23:08:22				600			RPM CHANGE
23:10:01				800			RPM CHANGE
23:10:32				1000			RPM CHANGE
23:12:52							SVP OESVP04074.D14 TAKEN
23:13:04							SVP OESVP04074.D14 APPLIED
23:16:26	LE	G_SW-5038					
23:20:06	LB	G_SW-5041	OEMBA04074.D43	1000	OEXTF04074.D43	339	GAP:
23:21:51	LE	G_SW-5041					
23:24:57	LB	G_SW-5042	OEMBA04074.D44	1000	OEXTF04074.D44	159	MAIN:
23:26:50	LE	G_SW-5042					
23:27:56			OEMBA04074.D45		OEXTF04074.D45		MB FILE CHANGE
23:47:45			OEMBA04074.D46		OEXTF04074.D46		MB FILE CHANGE
23:51:02							SVP OESVP04074.D15 TAKEN

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 074
Date: 03/14/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
23:52:23							SVP OESVP04074.D15 APPLIED
23:52:51	LB	G_M-5224	OEMBA04074.D46	600	OEXTF04074.D46	339	MAIN:
23:53:45				800			RPM CHANGE
23:54:13				1000			RPM CHANGE
23:54:46				1200			RPM CHANGE
23:57:12	LE	G_M-5224					
23:58:39			OEMBA04074.D47		OEXTF04074.D47		MB FILE CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 075
Date: 03/15/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
00:13:23			OEMBA04075.D01		OEXTF04075.D01		MB FILE CHANGE
00:20:47							SVP OESVP04075.D01 TAKEN
00:20:55							SVP OESVP04075.D01 APPLIED
00:21:26	LB	G_M-5222	OEMBA04075.D01	800	OEXTF04075.D01	339	GAP: GAP FILL
00:22:30				100			RPM CHANGE
00:22:35				1200			RPM CHANGE
00:24:14	LE	G_M-5222					
00:27:43	LB	G_M-5221	OEMBA04075.D02	1000	OEXTF04075.D02	159	GAP:
00:30:17	LE	G_M-5221					
00:30:31							WIND 15-20 KNOTS, DIRECTION S, WAVE HEIGHT 2-4, CHOPPY FEET, VISIBILITY UNLIMITED NMI
00:46:45	LB	G_M-5218	OEMBA04075.D03	1000	OEXTF04075.D03	339	GAP: GAP FILL
00:46:54				1100			RPM CHANGE
00:47:56				1000			RPM CHANGE
00:48:09				800			RPM CHANGE
00:48:22				600			RPM CHANGE
00:53:53							SVP OESVP04075.D02 TAKEN
00:54:01							SVP OESVP04075.D02 APPLIED
00:54:16				800			RPM CHANGE
00:55:16				1100			RPM CHANGE
00:57:41				1000			RPM CHANGE
01:00:07							WIND 15-20 KNOTS, DIRECTION S, WAVE HEIGHT 2-4, CHOPPY WITH SWELLS FEET, VISIBILITY UNLIMITED NMI
01:05:41	LE	G_M-5218					
01:14:09	LB	G_M-5219	OEMBA04075.D04	1000	OEXTF04075.D04	159	GAP: GAP FILL
01:16:55	LE	G_M-5219					
01:27:52	LB	G_M-5217	OEMBA04075.D05	1000	OEXTF04075.D05	159	GAP: GAP FILL
01:48:05	LE	G_M-5217					
01:52:26	LB	G_M-5216	OEMBA04075.D06	1000	OEXTF04075.D06	339	GAP: GAP FILL
02:10:13	LE	G_M-5216					
02:17:39	LB	G_M-5220	OEMBA04075.D07	1000	OEXTF04075.D07	159	GAP: GAP FILL
02:19:55				900			RPM CHANGE
02:35:03	LE	G_M-5220					
02:49:02	LB	G_M-5223		1200		339	GAP: GAP FILL
02:50:57	LE	G_M-5223					
02:56:50	LB	G_M-5215		600		159	GAP: GAP FILL
02:57:04							SVP OESVP04075.D03 TAKEN
02:57:11				800			RPM CHANGE
02:57:17							SVP OESVP04075.D03 APPLIED
02:59:34	LE	G_M-5215					

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 075
Date: 03/15/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
03:04:01	LB	G_M-5214	OEMBA04075.D08	1000	OEXTF04075.D08	159	GAP: FORCE ACQUIRED: GAP FILL
03:06:55	LE	G_M-5214					
03:11:55	LB	G_M-5223	OEMBA04075.D09	1000	OEXTF04075.D09	159	GAP: GAP FILL
03:14:25	LE	G_M-5223					
03:22:50	LB	G_M-5213	OEMBA04075.D10	1100	OEXTF04075.D10	339	GAP: GAP FILL
03:26:14	LE	G_M-5213					
03:29:54	LB	G_M-5212	OEMBA04075.D11	1000	OEXTF04075.D11	159	GAP: GAP FILL
03:33:34	LE	G_M-5212					
03:35:01							WIND 15-20 KNOTS, DIRECTION S, WAVE HEIGHT 2-4, CHOPPY WITH SWELLS FEET, VISIBILITY UNLIMITED NMI
03:38:19	LB	G_M-5226	OEMBA04075.D12	1000	OEXTF04075.D12	339	GAP: GAP FILL
03:38:42	LE	G_M-5226					
03:52:39							SVP OESVP04075.D04 TAKEN
03:52:47							SVP OESVP04075.D04 APPLIED
03:54:42	LB	G_NW-5148	OEMBA04075.D13	1000	OEXTF04075.D13	339	GAP: GAP FILL
03:55:25	LE	G_NW-5148					
04:00:53	LB	G_NW-5147	OEMBA04075.D14	1100	OEXTF04075.D14	159	GAP: GAP FILL
04:01:53	LE	G_NW-5147					
04:05:47	LB	G_NW-5146	OEMBA04075.D15	1100	OEXTF04075.D15	339	GAP: GAP FILL
04:07:13	LE	G_NW-5146					
04:10:38	LB	G_NW-5145	OEMBA04075.D16	1100	OEXTF04075.D16	159	GAP: GAP FILL
04:11:52	LE	G_NW-5145					
04:15:19	LB	G_NW-5144	OEMBA04075.D17	1100	OEXTF04075.D17	339	GAP: GAP FILL
04:16:30	LE	G_NW-5144					
04:19:56	LB	G_NW-5143	OEMBA04075.D18	1100	OEXTF04075.D18	159	GAP: GAP FILL
04:21:13	LE	G_NW-5143					
04:24:32	LB	G_NW-5142	OEMBA04075.D19	1100	OEXTF04075.D19	339	GAP: GAP FILL
04:25:56	LE	G_NW-5142					
04:29:24	LB	G_NW-5141	OEMBA04075.D20	1200	OEXTF04075.D20	159	GAP: GAP FILL
04:30:46	LE	G_NW-5141					
04:33:49	LB	G_NW-5140	OEMBA04075.D21	1200	OEXTF04075.D21	339	GAP: GAP FILL
04:35:00				1150			RPM CHANGE
04:35:17	LE	G_NW-5140					
04:38:26	LB	G_NW-5139	OEMBA04075.D22	1150	OEXTF04075.D22	159	GAP: GAP FILL
04:40:14	LE	G_NW-5139					
04:43:21	LB	G_NW-5138	OEMBA04075.D23	1150	OEXTF04075.D23	339	GAP: GAP FILL
04:45:19	LE	G_NW-5138					
04:48:28	LB	G_NW-5137	OEMBA04075.D24	1150	OEXTF04075.D24	159	GAP: GAP FILL
04:50:39	LE	G_NW-5137					
04:53:47	LB	G_NW-5136	OEMBA04075.D25	1100	OEXTF04075.D25	339	GAP: GAP FILL

SAIC Client: USGS/UNH
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Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 075
Date: 03/15/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
04:55:52	LE	G_NW-5136					
04:59:14	LB	G_NW-5135	OEMBA04075.D26	1100	OEXTF04075.D26	159	GAP: GAP FILL
05:01:22	LE	G_NW-5135					
05:04:30	LB	G_NW-5134	OEMBA04075.D27	1100	OEXTF04075.D27	339	GAP: GAP FILL
05:06:29	LE	G_NW-5134					
05:09:48	LB	G_NW-5133	OEMBA04075.D28	1100	OEXTF04075.D28	159	GAP: GAP FILL
05:12:14	LE	G_NW-5133					
05:15:43	LB	G_NW-5132	OEMBA04075.D29	1100	OEXTF04075.D29	339	GAP:
05:18:27	LE	G_NW-5132					
05:21:48	LB	G_NW-5131	OEMBA04075.D30	1100	OEXTF04075.D30	159	GAP:
05:25:01	LE	G_NW-5131					
05:28:09	LB	G_NW-5130	OEMBA04075.D31	1100	OEXTF04075.D31	339	GAP:
05:31:14	LE	G_NW-5130					
05:34:31	LB	G_NW-5129	OEMBA04075.D32	1100	OEXTF04075.D32	159	GAP:
05:38:11	LE	G_NW-5129					
05:41:18	LB	G_NW-5128	OEMBA04075.D33	1100	OEXTF04075.D33	339	GAP:
05:44:47	LE	G_NW-5128					
05:48:05	LB	G_NW-5127	OEMBA04075.D34	1100	OEXTF04075.D34	159	GAP:
05:52:12	LE	G_NW-5127					
05:55:48	LB	G_NW-5126		600		339	GAP:
05:57:50							SVP OESVP04075.D05 TAKEN
05:58:09							SVP OESVP04075.D05 APPLIED
05:59:29				800			RPM CHANGE
05:59:38				1000			RPM CHANGE
05:59:40							WIND 15-20 KNOTS, DIRECTION S, WAVE HEIGHT 2-4, CHOPPY WITH SWELLS FEET, VISIBILITY NIGHT TIME NMI
06:00:40				1100			RPM CHANGE
06:01:09	LE	G_NW-5126					
06:04:24	LB	G_NW-5125		1100		159	GAP:
06:08:46	LE	G_NW-5125					
06:11:48	LB	G_NW-5124	OEMBA04075.D35	1100	OEXTF04075.D35	339	GAP:
06:15:49	LE	G_NW-5124					
06:19:11	LB	G_NW-5123		1100		159	GAP:
06:23:46	LE	G_NW-5123					
06:27:08	LB	G_NW-5122		1100		339	GAP:
06:31:05	LE	G_NW-5122					
06:34:24	LB	G_NW-5121		1100		159	GAP:
06:37:07	LE	G_NW-5121					

SAIC Client: USGS/UNH
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Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 075
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UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
06:40:03	LB	G_NW-5120	OEMBA04075.D36	1100	OEXTF04075.D36	339	GAP:
06:41:12	LE	G_NW-5120					
06:44:30	LB	G_NW-5119		1100		159	GAP:
06:47:39	LE	G_NW-5119					
06:51:33	LB	G_NW-5118	OEMBA04075.D37	1100	OEXTF04075.D37	339	GAP:
06:57:02	LE	G_NW-5118					
07:00:19	LB	G_NW-5117		1100		339	GAP:
07:06:37	LE	G_NW-5117					
07:09:43	LB	G_NW-5116		1100		159	GAP:
07:15:36	LE	G_NW-5116					
07:18:52	LB	G_NW-5115	OEMBA04075.D38	1100	OEXTF04075.D38	159	GAP:
07:25:20	LE	G_NW-5115					
07:28:30	LB	G_NW-5114		1100		339	GAP:
07:34:36	LE	G_NW-5114					
07:37:50	LB	G_NW-5113		1100		159	GAP:
07:44:39	LE	G_NW-5113					
07:45:14			OEMBA04075.D39		OEXTF04075.D39		MB FILE CHANGE
07:46:26			OEMBA04075.D40		OEXTF04075.D40		MB FILE CHANGE
07:46:26							SVP OESVP04049.D03 APPLIED
07:46:57							SVP OESVP04075.D05 APPLIED
07:55:04	LB	G_NW-5112	OEMBA04075.D41	1100	OEXTF04075.D41	339	GAP: FORCE ACQUIRED:
07:55:32							ISS2000 CRASHED ON AUTO ARCHIVE.
08:00:14	LE	G_NW-5112					
08:03:28	LB	G_NW-5111		1100		159	GAP:
08:09:24	LE	G_NW-5111					
08:12:51	LB	G_NW-5110		1100		339	GAP:
08:18:48	LE	G_NW-5110					
08:22:05	LB	G_NW-5109		1100		159	GAP:
08:25:34							WIND 15-20 KNOTS, DIRECTION S, WAVE HEIGHT 2-4, CHOPPY WITH SWELLS FEET, VISIBILITY NIGHT TIME NMI
08:28:40	LE	G_NW-5109					
08:29:23			OEMBA04075.D42		OEXTF04075.D42		MB FILE CHANGE
08:32:28	LB	ADDT0001	OEMBA04075.D42	1100	OEXTF04075.D42	339	GAP:
08:33:15	LE	ADDT0001					
08:38:06	LB	G_NW-5108	OEMBA04075.D43	1100	OEXTF04075.D43	339	GAP:
08:42:32	LE	G_NW-5108					
08:45:55	LB	G_NW-5107		1100		159	GAP:
08:52:59	LE	G_NW-5107					
08:56:11	LB	G_NW-5106		1100		339	GAP: GAP FILL

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Cape Ann, MA

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Julian Day: 075
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UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
09:02:51	LE	G_NW-5106					
09:06:09	LB	G_NW-5105	OEMBA04075.D44	1100	OEXTF04075.D44	159	GAP: GAP FILL
09:13:31	LE	G_NW-5105					
09:16:39	LB	G_NW-5104	OEMBA04075.D45	1100	OEXTF04075.D45	339	GAP: GAP FILL
09:23:33	LE	G_NW-5104					
09:26:51	LB	G_NW-5103	OEMBA04075.D46	1100	OEXTF04075.D46	159	GAP: GAP FILL
09:34:31	LE	G_NW-5103					
09:37:43	LB	G_NW-5102	OEMBA04075.D47	1100	OEXTF04075.D47	339	GAP: GAP FILL
09:39:13				800			RPM CHANGE
09:39:37				600			RPM CHANGE
09:44:36							SVP OESVP04075.D06 TAKEN
09:44:41				800			RPM CHANGE
09:44:49							SVP OESVP04075.D06 APPLIED
09:44:58				1000			RPM CHANGE
09:46:43	LE	G_NW-5102					
09:51:07	LB	G_NW-5101	OEMBA04075.D48	1000	OEXTF04075.D48	159	GAP: GAP FILL
09:58:26	LE	G_NW-5101					
10:08:35	LB	G_NW-5100	OEMBA04075.D49	1100	OEXTF04075.D49	159	GAP: GAP FILL
10:24:04	LE	G_NW-5100					
10:28:01	LB	G_M-5211	OEMBA04075.D50	1100	OEXTF04075.D50	339	GAP: GAP FILL
10:34:35	LE	G_M-5211					
10:38:03	LB	G_M-5228	OEMBA04075.D51	1100	OEXTF04075.D51	159	GAP: GAP FILL
10:41:22	LE	G_M-5228					
10:44:51	LB	G_M-5227	OEMBA04075.D52	1100	OEXTF04075.D52	339	GAP: GAP FILL
10:48:09	LE	G_M-5227					
10:59:27							SVP OESVP04075.D07 TAKEN
10:59:36							SVP OESVP04075.D07 APPLIED
10:59:49			OEMBA04075.D53		OEXTF04075.D53		MB FILE CHANGE
11:00:33							HELM DISPLAY ERROR WHILE SWITCHING FROM NIGHT MODE TO DAY MODE
11:01:12			OEMBA04075.D54		OEXTF04075.D54		MB FILE CHANGE
11:01:12							SVP OESVP04049.D03 APPLIED
11:01:24							SVP OESVP04075.D07 APPLIED
11:04:08							RESTARTED SYSTEM, HELM DISPLAY OPERATING NORMALLY
11:07:30							DRAFT CHANGED TO 1.440000 METERS
11:07:37	LB	G_NW-5149	OEMBA04075.D54	1100	OEXTF04075.D54	159	GAP: FORCE ACQUIRED: GAP FILL
11:08:17				1100			RPM CHANGE
11:12:13	LE	G_NW-5149					
11:13:28			OEMBA04075.D55		OEXTF04075.D55		MB FILE CHANGE
11:16:49	LB	G_M-5203	OEMBA04075.D55	1100	OEXTF04075.D55	159	GAP: GAP FILL

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Watchstander: PLC/CRK
Julian Day: 075
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UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
11:19:18	LE	G_M-5203					
11:20:31			OEMBA04075.D56		OEXTF04075.D56		MB FILE CHANGE
11:23:12	LB	G_M-5204	OEMBA04075.D56	1100	OEXTF04075.D56	339	GAP: GAP FILL
11:25:45	LE	G_M-5204					
11:29:02	LB	G_M-5205		1100		159	GAP: GAP FILL
11:31:46	LE	G_M-5205					
11:33:04			OEMBA04075.D57		OEXTF04075.D57		MB FILE CHANGE
11:34:14							WIND 10-15 KNOTS, DIRECTION S, WAVE HEIGHT 1-3, CHOPPY FEET, VISIBILITY UNLIMITED NMI
11:35:17	LB	G_M-5206	OEMBA04075.D57	1100	OEXTF04075.D57	339	GAP: GAP FILL
11:36:53	LE	G_M-5206					
11:41:25	LB	G_M-5207	OEMBA04075.D58	1100	OEXTF04075.D58	339	GAP: GAP FILL
11:42:24	LE	G_M-5207					
11:43:04	LB	G_M-5208	OEMBA04075.D59	1100	OEXTF04075.D59	159	GAP: GAP FILL
11:44:38	LE	G_M-5208					
11:48:00	LB	G_M-5209		1100		339	GAP: GAP FILL
11:49:18	LE	G_M-5209					
11:52:55	LB	G_M-5210	OEMBA04075.D60	1100	OEXTF04075.D60	159	GAP: GAP FILL
11:53:34	LE	G_M-5210					
12:03:30							SVP OESVP04075.D08 TAKEN
12:03:39							SVP OESVP04075.D08 APPLIED
12:05:44	LB	G_M-5202	OEMBA04075.D61	1100	OEXTF04075.D61	159	GAP: GAP FILL
12:06:51	LE	G_M-5202					
12:15:52	LB	G_M-5225	OEMBA04075.D62	1100	OEXTF04075.D62	159	GAP: GAP FILL
12:17:03	LE	G_M-5225					
12:20:35	LB	G_M-5201	OEMBA04075.D63	1100	OEXTF04075.D63	339	GAP: GAP FILL
12:22:28	LE	G_M-5201					
12:26:05	LB	G_M-5200	OEMBA04075.D64	1100	OEXTF04075.D64	159	GAP: GAP FILL
12:28:22	LE	G_M-5200					
12:39:53							SVP OESVP04075.D09 TAKEN
12:39:59							SVP OESVP04075.D09 APPLIED
12:41:40	LB	G_SW-5053	OEMBA04075.D65	1100	OEXTF04075.D65	339	GAP: GAP FILL
12:43:08	LE	G_SW-5053					
12:47:01	LB	G_SW-5054	OEMBA04075.D66	1100	OEXTF04075.D66	339	GAP: GAP FILL
12:48:28	LE	G_SW-5054					
12:53:58	LB	G_SW-5052		1100		159	GAP: GAP FILL
12:55:59	LE	G_SW-5052					
12:59:07	LB	G_SW-5051		1100		339	GAP: GAP FILL
13:01:19	LE	G_SW-5051					
13:04:23	LB	G_SW-5050	OEMBA04075.D67	1100	OEXTF04075.D67	159	GAP:

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Cape Ann, MA

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Julian Day: 075
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UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
13:06:29	LE	G_SW-5050					
13:09:42	LB	G_SW-5049		1100		339	GAP:
13:11:26	LE	G_SW-5049					
13:14:41	LB	G_SW-5048		1100		159	GAP:
13:16:45	LE	G_SW-5048					
13:20:59	LB	G_SW-5045		1100		339	GAP:
13:25:24	LE	G_SW-5045					
13:30:12	LB	G_SW-5046		1100		339	GAP:
13:32:41	LE	G_SW-5046					
13:35:54	LB	G_SW-5047		1100		159	GAP:
13:38:25	LE	G_SW-5047					
13:44:26	LB	G_SW-5044	OEMBA04075.D68	1100	OEXTF04075.D68	159	GAP:
13:45:15	LE	G_SW-5044					
13:49:45	LB	G_SW-5040		1100		159	GAP:
13:50:11	LE	G_SW-5040					
13:55:51	LB	CA_WEST-4003	OEMBA04075.D69	1200	OEXTF04075.D69	339	MAIN:
13:57:59	LE	CA_WEST-4003					
14:00:46	LB	CA_WEST-4006	OEMBA04075.D70	1200	OEXTF04075.D70	158	MAIN:
14:04:41	LE	CA_WEST-4006					
14:07:40	LB	CA_WEST-4009	OEMBA04075.D71	1200	OEXTF04075.D71	338	MAIN:
14:13:38	LE	CA_WEST-4009					
14:16:31	LB	CA_WEST-4012	OEMBA04075.D72	1200	OEXTF04075.D72	157	MAIN:
14:24:01	LE	CA_WEST-4012					
14:26:57	LB	CA_WEST-4015	OEMBA04075.D73	1200	OEXTF04075.D73	338	MAIN:
14:27:15				1000			RPM CHANGE
14:27:31				800			RPM CHANGE
14:27:39				600			RPM CHANGE
14:29:49				800			RPM CHANGE
14:30:09				1000			RPM CHANGE
14:31:31							SVP OESVP04075.D10 TAKEN
14:33:39							SVP OESVP04075.D10 APPLIED
14:37:40							WIND 15-20 KNOTS, DIRECTION W, WAVE HEIGHT 1-3, CHOPPY FEET, VISIBILITY UNLIMITED NMI
14:39:09	LE	CA_WEST-4015					
14:40:20	LB	CA_WEST-4018	OEMBA04075.D74	1000	OEXTF04075.D74	1158	MAIN: FORCE ACQUIRED: ADD ON SURVEY AREA
14:51:23	LE	CA_WEST-4018					
14:54:46	LB	CA_WEST-4021	OEMBA04075.D75	1000	OEXTF04075.D75	338	MAIN:
14:56:21				1100			RPM CHANGE
15:01:57				1000			RPM CHANGE

SAIC Client: USGS/UNH
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Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 075
Date: 03/15/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
15:04:12							WIND 20-25 KNOTS, DIRECTION NW, WAVE HEIGHT 2-4 FEET, VISIBILITY UNLIMITED NMI
15:07:06				900			RPM CHANGE
15:11:08	LE	CA_WEST-4021					
15:12:37	LB	CA_WEST-4024		900		158	MAIN: FORCE ACQUIRED:
15:13:27				1000			RPM CHANGE
15:13:50				1100			RPM CHANGE
15:22:41				900			RPM CHANGE
15:22:50				600			RPM CHANGE
15:26:14							SVP OESVP04075.D11 TAKEN
15:28:26							SVP OESVP04075.D11 APPLIED
15:29:01	LE	CA_WEST-4024					
15:30:50			OEMBA04075.D76		OEXTF04075.D76		MB FILE CHANGE
15:34:37			OEMBA04075.D77		OEXTF04075.D77		MB FILE CHANGE
16:19:28			OEMBA04075.D78		OEXTF04075.D78		MB FILE CHANGE
16:21:30	LB	CA_WEST-4051	OEMBA04075.D78	1000	OEXTF04075.D78	158	MAIN: FORCE ACQUIRED:
16:22:01				1100			RPM CHANGE
16:23:23	LE	CA_WEST-4051					ABORT LINE: AUTOPILOT IS HAVING DIFFICULTY HOLDING COURSE, ABORTING TRYING AGAIN.
16:27:32	LB	CA_WEST-4051	OEMBA04075.D79	1200	OEXTF04075.D79	158	MAIN:
16:28:45				1000			RPM CHANGE
16:29:15				600			RPM CHANGE
16:30:25				800			RPM CHANGE
16:32:20							SVP OESVP04075.D12 TAKEN
16:32:26				1000			RPM CHANGE
16:32:32							SVP OESVP04075.D12 APPLIED
16:33:05				1100			RPM CHANGE
16:45:57							WIND 20-25 KNOTS, DIRECTION NW, WAVE HEIGHT 2-4 FEET, VISIBILITY UNLIMITED NMI
16:46:05							RUNNING LINES SOUTH HOPING FOR THE WINDS TO SUBSIDE. DATA LOOKS GOOD.
17:20:15	LE	CA_WEST-4051					
17:38:54	LB	CA_WEST-4027	OEMBA04075.D80	1100	OEXTF04075.D80	158	MAIN:
17:56:59	LE	CA_WEST-4027					
18:45:30	LB	CA_WEST-4054	OEMBA04075.D81	1100	OEXTF04075.D81	158	MAIN:
18:47:37				1000			RPM CHANGE
18:50:05				800			RPM CHANGE
18:50:16				600			RPM CHANGE
18:51:44				800			RPM CHANGE
18:52:11				1000			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 075
Date: 03/15/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
18:53:14							SVP OESVP04075.D13 TAKEN
18:53:24							SVP OESVP04075.D13 APPLIED
18:53:47				1050			RPM CHANGE
18:54:18							WIND 20-25 KNOTS, DIRECTION NW, WAVE HEIGHT 3-4 FEET, VISIBILITY UNLIMITED NMI
18:59:50							DURING POST PROCESSING CHECK DRAFT, WHEN WE RE-ENABLED LOGGING WE NOTICED THE DRAFT HAD REVERTED TO AND OLDER DRAFT.
19:29:15				800			RPM CHANGE
19:29:33				600			RPM CHANGE
19:31:13				800			RPM CHANGE
19:32:41				1050			RPM CHANGE
19:33:18							SVP OESVP04075.D14 TAKEN
19:33:27							SVP OESVP04075.D14 APPLIED
19:39:38	LE	CA_WEST-4054					
20:08:50	LB	CA_WEST-4045	OEMBA04075.D82	1100	OEXTF04075.D82	158	MAIN:
20:38:29	LE	CA_WEST-4045					
20:42:01	LB	CA_WEST-4042	OEMBA04075.D83	1000	OEXTF04075.D83	338	MAIN: FIRST LINE GOING NORTH, WINDS HAVE CALMED SEAS ARE LESSENING.
21:07:44				800			RPM CHANGE
21:08:03				600			RPM CHANGE
21:09:49				800			RPM CHANGE
21:10:18				1000			RPM CHANGE
21:11:32							SVP OESVP04075.D15 TAKEN
21:12:28							SVP OESVP04075.D15 APPLIED
21:15:25	LE	CA_WEST-4042					ABORT LINE
21:17:39	LB	ADDT0003	OEMBA04075.D84	1000	OEXTF04075.D84	158	MAIN:
21:20:10	LE	ADDT0003					
21:22:46	LB	ADDT0004		1000		338	MAIN:
21:26:16	LE	ADDT0004					
21:31:02	LB	ADDT0008	OEMBA04075.D85	1100	OEXTF04075.D85	157	MAIN:
21:32:08	LE	ADDT0008					
21:34:14	LB	CA_WEST-4039		1100		157	MAIN: FORCE ACQUIRED:
21:54:01	LE	CA_WEST-4039					
21:57:12	LB	CA_WEST-4036	OEMBA04075.D86	1100	OEXTF04075.D86	337	MAIN:
22:17:51	LE	CA_WEST-4036					ABORT LINE
22:20:21	LB	CA_WEST-4033	OEMBA04075.D87	1100	OEXTF04075.D87	157	MAIN: FORCE ACQUIRED:
22:21:32				800			RPM CHANGE
22:22:16				600			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 075
Date: 03/15/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
22:24:10							WIND 15-20 KNOTS, DIRECTION NW, WAVE HEIGHT 1-2 FEET, VISIBILITY UNLIMITED NMI
22:25:33							SVP OESVP04075.D16 TAKEN
22:25:46				800			RPM CHANGE
22:25:54							SVP OESVP04075.D16 APPLIED
22:26:16				1000			RPM CHANGE
22:26:34				1100			RPM CHANGE
22:38:14	LE	CA WEST-4033					
22:42:06	LB	ADDT0005	OEMBA04075.D88	1000	OEXTF04075.D88	157	MAIN: GAP IN ADD AREA
22:44:21	LE	ADDT0005					
22:48:20	LB	ADDT0006		1100		157	MAIN: GAP
22:52:26	LE	ADDT0006					
22:56:36	LB	ADDT0011		1000		157	GAP: GAP FILL
22:57:47	LE	ADDT0011					
23:01:00	LB	ADDT0012		1100		337	GAP: GAP FILL
23:03:47	LE	ADDT0012					
23:06:11	LB	ADDT0007		1000		157	GAP: GAP FILL
23:09:24	LE	ADDT0007					
23:16:55	LB	CA WEST-4030	OEMBA04075.D89	1000	OEXTF04075.D89	337	MAIN:
23:20:36				1100			RPM CHANGE
23:28:56	LE	CA WEST-4030					ABORT LINE: ABORT TO PICK UP GAPS
23:30:11	LB	ADDT0002		1100		337	MAIN: FORCE ACQUIRED: GAP FILL
23:32:14	LE	ADDT0002					ABORT LINE: GAP LINES
23:34:49	LB	ADDT0013		1100		337	MAIN: GAP
23:36:08	LE	ADDT0013					
23:38:32	LB	ADDT0010		1100		337	MAIN: GAP FILL
23:40:02	LE	ADDT0010					
23:42:33	LB	ADDT0009		1100		337	MAIN: GAP FILL
23:43:15	LE	ADDT0009					
23:47:07	LB	ADDT0014		1100		337	MAIN: MAIN
23:48:29	LE	ADDT0014					
23:49:11	LB	CA WEST-4030	OEMBA04075.D90	1100	OEXTF04075.D90	337	MAIN: FORCE ACQUIRED: MAIN
23:54:46	LE	CA WEST-4030					ABORT LINE
23:57:12	LB	CA WEST-4057	OEMBA04075.D91	1100	OEXTF04075.D91	337	MAIN: FORCE ACQUIRED:

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 076
Date: 03/16/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
00:00:01			OEMBA04076.D01		OEXTF04076.D01		MB FILE CHANGE
00:17:07				800			RPM CHANGE
00:17:27				600			RPM CHANGE
00:19:38				800			RPM CHANGE
00:20:07				1000			RPM CHANGE
00:20:29							SVP OESVP04076.D01 TAKEN
00:20:56				1100			RPM CHANGE
00:22:12							SVP OESVP04076.D01 APPLIED
00:37:42	LE	CA_WEST-4057					
00:43:07	LB	CA_WEST-4060	OEMBA04076.D02	1100	OEXTF04076.D02	157	MAIN: MAIN
00:58:09							SEEING PING DROPS IN THE RESON XTF DATA
01:11:45				800			RPM CHANGE
01:12:11				600			RPM CHANGE
01:14:21				800			RPM CHANGE
01:14:43				1000			RPM CHANGE
01:16:03							SVP OESVP04076.D02 TAKEN
01:16:15							SVP OESVP04076.D02 APPLIED
01:16:39				1100			RPM CHANGE
01:34:46	LE	CA_WEST-4060					
01:37:50	LB	CA_WEST-4063	OEMBA04076.D03	1100	OEXTF04076.D03	338	MAIN:
02:06:58				1150			RPM CHANGE
02:08:20				1200			RPM CHANGE
02:16:09				1000			RPM CHANGE
02:16:24				800			RPM CHANGE
02:16:35				600			RPM CHANGE
02:20:20				800			RPM CHANGE
02:20:43				1000			RPM CHANGE
02:20:44							SVP OESVP04076.D03 TAKEN
02:20:55							SVP OESVP04076.D03 APPLIED
02:21:04				1200			RPM CHANGE
02:32:21	LE	CA_WEST-4063					
02:35:31	LB	CA_WEST-4066	OEMBA04076.D04	1100	OEXTF04076.D04	338	MAIN: FORCE ACQUIRE AFTER RESTATING ISS2000 STARTUP AND SYSTEM CONTROL
02:50:41	LE	CA_WEST-4066					ABORT LINE: TAIM PROGRAM TIME OUT. ABORTED LINE TO CORRECT ERROR.
02:50:50			OEMBA04076.D05		OEXTF04076.D05		MB FILE CHANGE
02:57:41			OEMBA04076.D06		OEXTF04076.D06		MB FILE CHANGE
02:57:41							SVP OESVP04049.D03 APPLIED
03:04:08			OEMBA04076.D07		OEXTF04076.D07		MB FILE CHANGE
03:04:08							SVP OESVP04049.D03 APPLIED

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 076
Date: 03/16/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
03:11:03							DRAFT CHANGED TO 1.440000 METERS
03:12:53							SVP OESVP04076.D03 APPLIED
03:15:00	LB	CA_WEST-4066	OEMBA04076.D07	1100	OEXTF04076.D07	157	MAIN: FORCE ACQUIRED:
03:34:53				800			RPM CHANGE
03:35:11				600			RPM CHANGE
03:39:23				800			RPM CHANGE
03:39:44				1100			RPM CHANGE
03:39:51							SVP OESVP04076.D04 TAKEN
03:39:58							SVP OESVP04076.D04 APPLIED
03:55:42	LE	CA_WEST-4066					
03:58:46	LB	CA_WEST-4069	OEMBA04076.D08	1100	OEXTF04076.D08	338	MAIN:
04:15:36							NEED TO CORRECT TIMING OF ENTRIES IN REFERENCE TO TAIM TIME OUT AND INAVLOG FAILURE. INAVLOG FROZE WHEN TAIM TIMED OUT. NOT SURE HOW I TROUBLE SHOOTED TO GET INAVLOG GOING AGAIN BUT IT TOOK MORE THAN 45 MIN.
04:17:44							RE-INSERTED MESSAGE FILES FROM BACK-UP FOLDER, BACKED UP THE DATABASE, AND VALIDATED THE DATABASE. INAVLOG STARTED UPDATING AGAIN.
04:55:19	LE	CA_WEST-4069					
04:57:32	LB	CA_WEST-4075	OEMBA04076.D09	1100	OEXTF04076.D09	157	MAIN:
05:02:10	LE	CA_WEST-4075					ABORT LINE: ABORTED LINE TO DO SOME GAP FILES
05:04:12	LB	ADDT0020	OEMBA04076.D10	1100	OEXTF04076.D10	337	MAIN: SPLIT
05:05:52	LE	ADDT0020					
05:07:53	LB	ADDT0019		1100		157	MAIN: SPLIT
05:09:01	LE	ADDT0019					
05:11:27	LB	ADDT0018		1100		337	MAIN: SPLIT
05:12:49	LE	ADDT0018					
05:14:10							SINGLE PING DROPS (3) OVER ABOUT AN HOUR, IN THE BACKSCATTER DATA, LOOKS ELECTRICAL. ATTEMPTING TO DETERMINE SOURCE.
05:15:07	LB	ADDT0017		1100		157	MAIN: SPLIT
05:18:24	LE	ADDT0017					
05:20:33	LB	ADDT0016		1100		337	MAIN: SPLIT
05:23:57	LE	ADDT0016					
05:26:22	LB	CA_WEST-4075	OEMBA04076.D11	1100	OEXTF04076.D11	337	MAIN: FORCE ACQUIRED: AFTER GAP FILLS
05:28:41				800			RPM CHANGE
05:28:59				600			RPM CHANGE
05:30:54				800			RPM CHANGE
05:33:07							SVP OESVP04076.D05 TAKEN

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 076
Date: 03/16/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
05:33:09				1100			RPM CHANGE
05:33:16							SVP OESVP04076.D05 APPLIED
05:43:52	LE	CA_WEST-4075					ABORT LINE: ABORTED FOR GAP FILLS
05:46:29	LB	ADDT0024	OEMBA04076.D12	1100	OEXTF04076.D12	337	MAIN: SPLIT
05:48:08	LE	ADDT0024					
05:50:58	LB	ADDT0021		1100		157	MAIN: SPLIT
05:53:03	LE	ADDT0021					
05:55:24	LB	ADDT0022		1100		337	MAIN: SPLIT
05:57:13	LE	ADDT0022					
05:59:22	LB	ADDT0025		1100		157	MAIN: SPLIT
05:59:50	LE	ADDT0025					
06:00:40	LB	CA_WEST-4075		1100		157	MAIN: FORCE ACQUIRED: AFTER GAP FILLS
06:04:26				1150			RPM CHANGE
06:11:51				1000			RPM CHANGE
06:12:00				800			RPM CHANGE
06:12:17				600			RPM CHANGE
06:15:27				800			RPM CHANGE
06:16:22							SVP OESVP04076.D06 TAKEN
06:16:23				1150			RPM CHANGE
06:16:32							SVP OESVP04076.D06 APPLIED
06:20:02							STILL GETTING SINGLE PING DROP IN THE BACKSCATTER ABOUT ONCE EVERY 45 MINS
06:35:18	LE	CA_WEST-4075					
06:37:42	LB	ADDT0026	OEMBA04076.D13	1150	OEXTF04076.D13	337	MAIN: SPLIT
06:43:18	LE	ADDT0026					
06:45:44	LB	ADDT0028		1150		157	MAIN: SPLIT
06:49:39	LE	ADDT0028					
06:52:33	LB	CA_WEST-4079		1150		337	MAIN:
07:05:09				800			RPM CHANGE
07:05:24				600			RPM CHANGE
07:08:21				800			RPM CHANGE
07:09:14							SVP OESVP04076.D07 TAKEN
07:09:33							SVP OESVP04076.D07 APPLIED
07:09:44				1100			RPM CHANGE
07:30:53				800			RPM CHANGE
07:31:11				600			RPM CHANGE
07:33:01				800			RPM CHANGE
07:34:41				1000			RPM CHANGE
07:35:06							SVP OESVP04076.D08 TAKEN
07:35:13				1150			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 076
Date: 03/16/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
07:35:16							SVP OESVP04076.D08 APPLIED
07:46:17				1200			RPM CHANGE
07:52:10				1000			RPM CHANGE
07:52:34				800			RPM CHANGE
07:52:49				600			RPM CHANGE
07:54:25				800			RPM CHANGE
07:58:17							SVP OESVP04076.D09 TAKEN
07:58:28							SVP OESVP04076.D09 APPLIED
08:07:38	LE	CA_WEST-4079					
08:10:44	LB	CA_WEST-4077	OEMBA04076.D14	800	OEXTF04076.D14	157	MAIN:
08:30:38	LE	CA_WEST-4077					ABORT LINE: FILLING IN SPLITS
08:32:15	LB	ADDT0030	OEMBA04076.D15	800	OEXTF04076.D15	338	MAIN:
08:34:52	LE	ADDT0030					
08:36:51	LB	ADDT0029		800		338	MAIN: FILLING IN SPLITS
08:38:12	LE	ADDT0029					
08:41:50	LB	CA_WEST-4074	OEMBA04076.D16	800	OEXTF04076.D16	338	MAIN:
08:52:33	LE	CA_WEST-4074					
08:56:00	LB	CA_WEST-4082	OEMBA04076.D17	800	OEXTF04076.D17	338	MAIN: MAIN
09:03:13				1000			RPM CHANGE
09:03:18				800			RPM CHANGE
09:03:22				600			RPM CHANGE
09:08:33							SVP OESVP04076.D10 TAKEN
09:08:56							SVP OESVP04076.D10 APPLIED
09:09:12				800			RPM CHANGE
09:09:16				1100			RPM CHANGE
09:09:35				1150			RPM CHANGE
09:35:53				1000			RPM CHANGE
09:36:01				800			RPM CHANGE
09:36:06				600			RPM CHANGE
09:37:51				800			RPM CHANGE
09:38:36				1000			RPM CHANGE
09:41:03							SVP OESVP04076.D11 TAKEN
09:41:21							SVP OESVP04076.D11 APPLIED
09:42:00				1100			RPM CHANGE
09:42:42							WIND 10-15 KNOTS, DIRECTION NW, WAVE HEIGHT 1-2 FEET, VISIBILITY NIGHT TIME NMI
10:07:33	LE	CA_WEST-4082					
10:12:03	LB	CA_WEST-4057	OEMBA04076.D18	1200	OEXTF04076.D18	338	MAIN: PARTIAL LINE
10:28:17	LE	CA_WEST-4057					ABORT LINE: ABORT PARTIAL LINE
10:35:36	LB	ADDT0031	OEMBA04076.D19	1200	OEXTF04076.D19	338	MAIN: SPLIT

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 076
Date: 03/16/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
10:35:44				1100			RPM CHANGE
10:43:48	LE	ADDT0031					
10:46:38	LB	CA_WEST-4085	OEMBA04076.D20	1100	OEXTF04076.D20	338	MAIN:
10:47:06				1200			RPM CHANGE
11:05:30				900			RPM CHANGE
11:05:39				600			RPM CHANGE
11:07:19				900			RPM CHANGE
11:09:32				1200			RPM CHANGE
11:09:33							SVP OESVP04076.D12 TAKEN
11:10:08							SVP OESVP04076.D12 APPLIED
11:15:18							WIND 10-15 KNOTS, DIRECTION N, WAVE HEIGHT 1-2 FEET, VISIBILITY UNLIMITED NMI
11:35:20				900			RPM CHANGE
11:35:25				600			RPM CHANGE
11:39:29							SVP OESVP04076.D13 TAKEN
11:41:39							SVP OESVP04076.D13 APPLIED
11:41:50				900			RPM CHANGE
11:42:00				1200			RPM CHANGE
11:59:20	LE	CA_WEST-4085					
12:02:16	LB	CA_WEST-4088	OEMBA04076.D21	1200	OEXTF04076.D21	158	MAIN:
12:21:47				1000			RPM CHANGE
12:21:57				800			RPM CHANGE
12:22:01				600			RPM CHANGE
12:23:38				800			RPM CHANGE
12:25:07							SVP OESVP04076.D14 TAKEN
12:26:17				1000			RPM CHANGE
12:26:26							SVP OESVP04076.D14 APPLIED
12:26:38				1100			RPM CHANGE
12:28:29							WIND 15 KNOTS, DIRECTION N, WAVE HEIGHT 1-2 FEET, VISIBILITY UNLIMITED NMI
12:43:12				800			RPM CHANGE
12:43:17				600			RPM CHANGE
12:44:47				900			RPM CHANGE
12:47:34				1100			RPM CHANGE
12:47:58							SVP OESVP04076.D15 TAKEN
12:48:10							WIND 15 KNOTS, DIRECTION N, WAVE HEIGHT 1-2 FEET, VISIBILITY UNLIMITED NMI
12:48:13							SVP OESVP04076.D15 APPLIED
13:10:31	LE	CA_WEST-4088					
13:13:45	LB	CA_WEST-4091	OEMBA04076.D22	1100	OEXTF04076.D22	338	MAIN:

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 076
Date: 03/16/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
13:28:07				800			RPM CHANGE
13:28:27				600			RPM CHANGE
13:32:19							SVP OESVP04076.D16 TAKEN
13:32:29							SVP OESVP04076.D16 APPLIED
13:33:15				800			RPM CHANGE
13:33:37				1000			RPM CHANGE
13:33:53				1100			RPM CHANGE
13:46:09				1200			RPM CHANGE
14:05:52				1000			RPM CHANGE
14:06:03				800			RPM CHANGE
14:06:19				600			RPM CHANGE
14:07:55				800			RPM CHANGE
14:08:19				1000			RPM CHANGE
14:10:06							SVP OESVP04076.D17 TAKEN
14:10:07				1200			RPM CHANGE
14:10:21							SVP OESVP04076.D17 APPLIED
14:22:35				1150			RPM CHANGE
14:27:44	LE	CA_WEST-4091					
14:34:10							OEMBA04076.D21 FAILED TO OPEN IN MVE GSF ERROR: UNRECOGNIZED RECORD ID... RENAMED FILE AS OEMBA04076_OLD_.D21 AND RE-AUTO-ARCHIVED. THE FILE IS NOW VALID.
14:35:46	LB	CA_WEST-4094	OEMBA04076.D23	1100	OEXTF04076.D23	158	MAIN:
14:41:32				1150			RPM CHANGE
14:58:49				1000			RPM CHANGE
14:59:04				800			RPM CHANGE
14:59:20				600			RPM CHANGE
15:01:25				800			RPM CHANGE
15:02:51							SVP OESVP04076.D18 TAKEN
15:02:54				1000			RPM CHANGE
15:02:59							SVP OESVP04076.D18 APPLIED
15:03:10				1150			RPM CHANGE
15:23:55				1000			RPM CHANGE
15:24:03				800			RPM CHANGE
15:24:12				600			RPM CHANGE
15:26:27				800			RPM CHANGE
15:28:21							SVP OESVP04076.D19 TAKEN
15:28:27				1000			RPM CHANGE
15:28:39							SVP OESVP04076.D19 APPLIED
15:28:45				1150			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 076
Date: 03/16/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
15:45:55	LE	CA_WEST-4094					
15:48:58							WIND 15-20 KNOTS, DIRECTION N, WAVE HEIGHT 2-3 FEET, VISIBILITY UNLIMITED NMI
15:48:58	LB	CA_WEST-4097	OEMBA04076.D24	1100	OEXTF04076.D24	338	MAIN:
16:19:17							WIND 15-20 KNOTS, DIRECTION NE, WAVE HEIGHT 2-3 FEET, VISIBILITY UNLIMITED NMI
16:39:19				900			RPM CHANGE
16:39:30				600			RPM CHANGE
16:41:49				900			RPM CHANGE
16:43:16							SVP OESVP04076.D20 TAKEN
16:43:47				1100			RPM CHANGE
16:43:53							SVP OESVP04076.D20 APPLIED
16:44:13							WIND 15-20 KNOTS, DIRECTION NNE, WAVE HEIGHT 2-3 FEET, VISIBILITY UNLIMITED NMI
16:48:17				1000			RPM CHANGE
17:02:36	LE	CA_WEST-4097					
17:06:08	LB	CA_WEST-4099	OEMBA04076.D25	1000	OEXTF04076.D25	157	MAIN:
17:26:58				800			RPM CHANGE
17:27:03				600			RPM CHANGE
17:28:39				800			RPM CHANGE
17:30:00							RPM CHANGE 1000, DID NOT CHANGE ISSC INTENDED RPM
17:30:55							SVP OESVP04076.D21 TAKEN
17:32:42							SVP OESVP04076.D21 APPLIED
17:35:31							WIND 15-20 KNOTS, DIRECTION NNE, WAVE HEIGHT 2-3 FEET, VISIBILITY UNLIMITED NMI
18:01:49				600			RPM CHANGE
18:04:11				800			RPM CHANGE
18:04:57							WIND 15-20 KNOTS, DIRECTION NNE, WAVE HEIGHT 2-4 FEET, VISIBILITY UNLIMITED NMI
18:05:15							SVP OESVP04076.D22 TAKEN
18:05:26							SVP OESVP04076.D22 APPLIED
18:05:37				1000			RPM CHANGE
18:23:34	LE	CA_WEST-4099					
18:26:54	LB	CA_WEST-4101	OEMBA04076.D26	1000	OEXTF04076.D26	338	MAIN:
18:31:28				900			RPM CHANGE
18:38:43							B1 FROZE WHILE PANNING THROUGH GRID TO LOOK FOR GAPS.
18:55:38	LE	CA_WEST-4101					ABORT LINE: ABORT LINE TO HEAD SOUTH ON OUR WAY BACK TO THE DOCK DUE TO INCLEMENT WEATHER.
18:57:51	LB	CA_WEST-4103		900		157	MAIN: FORCE ACQUIRED: LINE HEADING SOUTH
19:00:25				600			RPM CHANGE

SAIC Client: USGS/UNH
Contract #: 04-855

Cape Ann, MA

Watchstander: PLC/CRK
Julian Day: 076
Date: 03/16/2004

UTC TIME	LB/LE	SURVEY LINE	MB FILE	RPM	SS FILE	SURVEY LINE AZ.	NOTES
19:01:40				800			RPM CHANGE
19:02:50							SVP OESVP04076.D23 TAKEN
19:02:58							SVP OESVP04076.D23 APPLIED
19:03:35				900			RPM CHANGE
19:13:51							WIND 15-20 KNOTS, DIRECTION NNE, WAVE HEIGHT 2-4 FEET, VISIBILITY UNLIMITED, CLOUD COVER NMI
19:27:46	LE	CA WEST-4103					
19:31:46	LB	CA WEST-4096	OEMBA04076.D27	900	OEXTF04076.D27	337	MAIN: SPLIT HEADING NORTH BEFORE HEADING IN.
19:45:41	LE	CA WEST-4096					ABORT LINE: ABORTED PARTIAL LINE
20:03:57							WIND 20 KNOTS, DIRECTION NNE, WAVE HEIGHT 3-5 FEET, VISIBILITY 3 + NMI
20:23:43							WIND 20-25 KNOTS, DIRECTION NNE, WAVE HEIGHT 4-6 FEET, VISIBILITY 1.5 MILES NMI
20:26:20							SVP OESVP04076.D24 TAKEN
20:26:33							SVP OESVP04076.D24 APPLIED
20:28:25	LB	ADDT0032	OEMBA04076.D28	1000	OEXTF04076.D28	159	GAP: SLIVER GAP FILL SE CORNER.
20:34:34	LE	ADDT0032					
20:35:00							LEAVING SURVEY SITE HEADING FOR CAPE ANN MARINA
21:02:15							WIND 20-25 KNOTS, DIRECTION NNE, SNOWING, WAVE HEIGHT 4-6 FEET, VISIBILITY 1.5 MILES NMI
21:59:10							ARRIVED AT DOCK
22:01:09							DRAFT CHANGED TO 1.430000 METERS