92005 qmp

Q-MIPS LOG

SHIP AND CRUISE: ARGO MAINE ARMN 92-1

AREA: MASS BAY

DATES: MAY 6-15, 1992

CHIEF SCIENTIST: CIRCÉ

92-1
ARMN
92005
104836

MAY 7	LINE 1	JD 128/1115 - 128/1955	STATION M	134/0125.00
	2	128/2033 - 128/2056		42° 23.2854 70° 30.9412
MAY 8	3	129/1951 - 130/0235	L	134/0153 42° 22.4441 70° 33.5149
MAY 9	4	130/1230 - 130/1250		
	5	130/1446 - 130/1454	K	134/0239.11 42° 21.7413 70° 36.806
	6	130/1603 - 130/1707		
	7	130/1847 - 130/2151		
	8	130/2233 - 131/0032	J	134/0321 42° 20.7530 70° 38.6109
MAY 10	9	131/0111 - 131/0243		
	10	131/0413 - 131/0520		
	11	131/0603 - 131/0648	I	134/0338 42° 19.7473 70° 36.7556
	12	131/0730 - 131/1014		
	13	131/1423 - 131/1516	H	135/0052 42° 20.6370 70° 35.7073
	14	131/1555 - 131/1609		
MAY 11	15	132/2205 - 132/2259	G	135/0120 42° 21.4579 70° 32.7500
	16	132/0251 - 133/0420		
MAY 12	17	133/1400 - 133/1623	F	135/0155 42° 21.9800 70° 30.8206
	18	133/1702 - 133/2018		
	19	133/2039 - 133/2245		
	20	133/2305 - 134/0028	E	135/0221 42° 20.9975 70° 30.8029
MAY 13	21	134/1130 - 134/1208		
	22	134/1228 - 134/1328	D	135/0246 42° 20.4951 70° 32.3030
	23	134/1345 - 134/1405		
	24	134/1545 - 134/1603		
	25	134/1611 - 134/1651	C	135/0303 42° 20.2448 70° 33.2436
	26	134/1736 - 134/1805		
	27	134/1814 - 134/1836	B	135/1812 42° 18.8897 70° 37.1507
	28	134/2027 - 134/2231		
MAY 14	29	135/1232 - 135/1245	A	135/1847 42° 18.1088 70° 39.3188
		135/1342 - 135/1412		
		135/1420 - 135/1446		
	32	135/1516 - 135/1652		

QMIPS LOG: Cruise ARMN 92-1 Chief Sci R. Circe

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
SOL 1.	128	11:15	y:L1F1.dat	SOL 1
	MAY7	11:38		Gain adjustment
		11:45	y:L1F2.DAT	Switched to next file
		11:55	↑	Gain adjustment
		12:00		lines across record - TWIG trying to adjust
		1213		LOST NAV
		1217		NAV BACK ON LINE
		1221	y:L1F2.DAT	Lost nav, Start new file [There may be 2 "F2" files]
			↑	
		1253	L1F2.DAT	EOF / SOF
		1253	L1F3.DAT	SOF
		≅1300 1322	SUDDEN RISE	42.3692 70°50.025 SHIP WRECK
				13151=ping 1322=TIME
		1325	L1F3.dat L1F4.dat	EOF/SOF
		1349		Problem w/ Depth reading for fish? Hauling in fish Crashed fish
		1351	≅ ping 13180	Shutting down QMIPS
		1524		Turned about to pick up line again. Putting fish back in water
		1531	L1F5.dat	QMIPS back on SOF, not yet working well
		1550		Hauling fish partway up
				FISH ON DECK FOR REPAIR/CLEAN UP
				MUD IN CASE
		1810		STARTING TO STREAM FISH IN WATER
		1850		STILL WRITING TO D: - CHANGE TO
		1855		D: DEFAULT 3 Getting decent record - GILL NETS AHEAD
		1855		END TAPE 1
		1914	L1F7.DAT	START TAPE 2 SOF
		1947	L1F8.DAT	SOF
EOL1		1955		EOL 1
		2024	L1F9.DAT	SOF
SOL 2		2033	L1F9.DAT	SOL 2

QMIPS LOG: Cruise ARMN 92-1 Chief Sci R. Circe

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
2	128	2035	L2F1.DAT	SOF
	MAY7	2046	L2F1.DAT	Ping 4838 EOF
		2046?	L2F2.DAT	SOF
		2056	L2F2.DAT	EOL 2
2		2058	L2F2.DAT	CLOSED FILE
				RUN INTO BOSTON FOR REPAIRS/PARTS
				DEP BOSTON
3	129	1951		SOL3
	MAY8	?	L3F1.DAT	SOF
		2012	L3F1.DAT	Q-MIPS DOWN
		2041	L3F1.DAT	Q-MIPS WRITING
		2058		FISH COMING IN - SPORADIC SIGNAL
		2101		FISH ON DECK
	129	2329	L3F2.DAT	SOF
	130	0005	L3F3.DAT	SOF
	May 9	0018	L3F3.DAT	Look at bright object stbd - ship?
			L3F3.DAT	PING 13000 - STBD BRIGHT
				42.4227 70.6106
		0041:56	L3F4.DAT	SOF
		0118:20	L3F5.DAT	SOF
		0154:50	L3F6.DAT	SOF
		0226	L3F6.DAT	EO PAPER ROLL #1
		0231	L3F7.DAT	SOF
		0232	L3F7.DAT	SO PAPER ROLL #2
3		0235	L3F7.DAT	EOL 3
		0245?	L3F7.DAT	EGG off - cable caught in ship
		0315?		Q-MIPS off
		01225		Fish in water 115 m out *
		1229	L4F1.DAT	Starting QMIPS,
4		1230		SOL 4

QMIPS LOG: Cruise ARMN 93-1 Chief Sci R. Circe

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
4	130	1250	L4F1.DAT	Lost signal from fish EOL4
	May 9	1258		Pulling in Fish - snagged a lobster pot line, broke connector
		1402		Put fish back in water - Deployed by hand.
(Continuation of 4) 5		1416	L5F1.DAT	SOL 5, QMIPS up, running, Start File
↓		1453	L5F2.DAT	
5		1454		EOL 5 L5F2.DAT continues through turn
		1529	L5F3.DAT	SOFile
		1603	↓	SOL 6, EOFile
6		1604	L6F1.DAT	SOFile
↓		1636?	L6F2.DAT	SOF
6		1707	L6F2.DAT	EOL 6
6		1718	L6F3.DAT	SOF
6		1744	L6F3.DAT	PING# 10877 - FISH OFF FOR
				CABLE SWITCH - IN TRANSIT TO SOL7
6		1836		EG+G in water
7		1847	L7F1.DAT	SOL 7
		1850		Steering West of line To avoid pots
		1915	L7F2.DAT	Note: Boulder field to port + SOF
		1923		" 4453 pings " STARBOARD
		1930		East of line - Avoiding Gear
		1934		Begin Boulder Field, starboard side
		1942	L7F3.DAT	SOF
		1943		Major Boulder/Gravel? Starting starboard
		2009	L7F4.DAT	SOF
		~2015	L7F4.DAT	Many criss cross trawl marks
		~2026		ping 10434 Many old + new trawl marks
		2037	L7F5.DAT	SOF
		2046		Many trawl marks
		2104	L7F6.DAT	SOF
↓	↓	2116		Strong returns - channel like

QMIPS LOG: Cruise ARMN 92-1 Chief Sci Circe'

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
7	130	2119	L7F6.DAT	Increased chart speed from 2KT to 3KT
↓	May 9	2131	L7F7.DAT	SOF
7		2151		EOL 7 2151
		~2151		Ping 11560 Sandwaves!!
		~2200	L7F8.DAT	SOF
		2203		More Sandwaves 42.3006 70.6770 Ping 1562
		2226	L8F1.DAT	SOF in turn to Line 8
8		2233		SOL 8
		2236		Ping 5561 42.3343 70.6792 wreck?
		2253	L8F2.DAT	SOF
		2321	L8F3.DAT	EOF/SOF L8F3
		2348	L8F4.DAT	SOF./EOF L8F3.DAT
		2344-2353		NO HARD COPY - CHANGING PAPER ON RECORDER
↓	131	0018	L8F5.DAT	SOF
8	MAY 10	0032		EOL 8
		0043	L8F6.DAT	SOF
		~0039		Large blip port - wreck?
		0110	L9F1.DAT	SOF
9		0111		SOL 9
		0138	L9F2.DAT	SOF
		0205	L9F3.DAT	SOF
↓		0232	L9F4.DAT	SOF
9		0243		EOL 9
		0254		EG&G chart blewfuse - stopped Q-MIPS
				Pull fish - pull Boomer - free snagged
				buoy - pull streamer - steam to next line
		0347		Bearinton
		0353	L10F1.DAT	Q-MAPS reboot SOF
10		0413		SOL 10
		0436		Power Supply kicked off

QMIPS LOG: Cruise ARMN 92-1 Chief Sci R. Circe

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
10	131	0443?	L10F2.DAT	SOF
	MAYO	0458		Letting fish out more
		0502		Hauling fish up a little
		0506	L10F3.DAT	EOF / SOF L10F3
		0520		EOL 10
TURN		≈0533	L10F4.Dat	EOF/SOF L10F4
		0602	L10F5.DAT	EOF/SOF L10F5
11		0603	L11F1.DAT	SOL L11F1.DAT
		0630		Hauling in fish
		0631	L11F2.DAT	EOF/SOF
		0646		Hauling in fish - avoiding fishing gear
		0648		EOL 11
TURN		0657		QMIPS on standby
		0658	L11F3.DAT	EOF/SOF L11F3.DAT
		0659		Shut system off - Hauled fish in to avoid gear
		0715		System back on
		0726	L11F4.DAT	EOF/SOF L11F4
		0726		Lost signal from fish
12		0730		SOL 12
		0732	L12F1.DAT	EOF/SOF L12F1.DAT
		0735		Let wire out
		0758		Letting more wire out
		0800	L12F3.DAT	EOF/SOF Switched files - skipped through L12F2.dat
		0802		Letting more wire out.
		0807		Sped ship up to pay out wire to straighten out - 5+ knots
		0811		Slowing back down to 4 knots
		0812		Hauling wire back in.
		0827	L12F4.DAT	EOF/SOF
		0833		Hauling wire in - Going over a rise.
		0840		Hooked on to gear.

QMIPS LOG: Cruise ARMN 92-1 Chief Sci R. Circe

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
12	131	0842	L12F4.DAT	Lost signal completely
	MAY10	0854	↓	QMIPS shut off. Fish on deck - Got caught in gear, + dead, connector severed?
		0939		Tested fish on hand held line, getting narrow band of data,
		0948	L12F5.DAT	SOF L12F5, QMIPS Back on, 500khz. shallow tow cable.
Restarting Line 12		0950		Restart of Line 12
↓		1001		100 khz. Not much of a record,
		1010		End of Roll Paper #2
↓		1014		Data not good enough, fish pulled in yet again EOL 12
		1421	L13F1.dat	Start of Paper Roll #3, QMIPS back on!
13		1423		SOL 13
↓		1438		Paying out more wire
		1449	↓	Shutting EOF QMIPS down Digitizer is screwed up.
		1452		Paying out wire
		1503		Cleaning head on sidescan EG+G paper recorder
		1507		Pay out wire
		1511	L13F2.DAT	QMIPS on line, SOF
↓		1516		EOL 13
TURN		1541		Hauling wire in, Bottom coming up
↓		1548	L13F3.DAT	EOF/SOF L13F3
↓		1549		Playing w/ QMIPS to get better contrast
14		1555	L14F2.DAT	SOL 14, SOF L14F2 (skipped over L14F1.DAT)
		1608		Caught nets - sheared connector on fish
		1630		Transit to Gloucester for parts
15	132	2205	L15F1.DAT	SOL15 SOF
↓	May11	2230		ping 649 time 2230 42 55.45 70 60.50
		2234		ping 12138 time 2234 42 15.481 70 60.252
		2240	L15F2.DAT	SOF Stopped EG+G paper to refit paper
		2250		pulling fish - bad data port channel
		2252		standby - fish on deck
↓		2255		Start streaming fish

QMIPS LOG: Cruise ARMN 92-1 Chief Sci R. Circe

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
15	132	2259	L15F2.DAT (cont.)	EOL 15
	May 11			Fish back on deck
			L15F2.DAT	ping 10896 0238:30 42.4362 fishing 70.7436 gear
	133	0247	L16F1.DAT	SOF
16	May 12	0251		SOL 16
		0324	F16F2.DAT	SOF
		0400	F16F3.DAT	SOF
		0420		Pulling fish back, Snagged gear?
		0421		Lost signal
		0424		Fish on deck, Connector pulled out but is O.K.
		1238	Null File	QMIPS Back up - Fish is down
		1243		Putting streamer + sled back down
17		1400		SOL 17
		1401	F17F1.DAT	SOF
		1426		Lowering fish down
		1428		Gain increase
		1438	F17F3.DAT	SOF (switched over through F17F2.dat)
		1503		Hauled fish in ≅ 5 m
		1513		Cleaned head on sidescan EG+G paper recorder
		1516	F17F4.DAT	SOF
		1517		Pulling fish in a little.
		1521		Hauling in a little more.
		1524		Hauling in even more!
		1528		End Paper Roll #3
		1532		Start Paper Roll #4
		1546		Bringing fish up a little
		1551	F17F5.DAT	SOF
		1552		Turning to port of line - avoiding gear?

EOL 16?

133/1445? WRECK

QMIPS LOG: Cruise ARMN-92-1 Chief Sci R. Circe

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
17	133	1558	L17F5.DA	Hauling fish in a little
↓	May 12	1600		Turning to starboard North to avoid gear
17	133	162330		EOL 17
		1628	L17F6DAT	SOF
18		1702	L18F1.DAT	SOF SOL 18
		1738	L18F2.DAT	SOF
		1814	L18F3.DAT	SOF
		1851	L18F4.DAT	SOF
		1925	L18F4.DAT	pms13464 42° 4296 70° 5519 WRECK!!
		1928	L18F5.DAT	SOF L18F5.DAT
		2004	L18F6.DAT	SOF
18		2018		EOL18
19		2039 40	L19F1.DAT	SOL19
		2115	L19F2DAT	SOF
		2152	L19F3.DAT	SOF
		2223		42.3734 70.6796 {Unidentified obstruction Huge Shadow
			L19F4.DAT	SOF {Starboard channel
		2228	L19F5.DAT	SOF BLAH!
		2235		PAPER RUNS OUT ON RECORDER
19		2245		EOL19
20		2305	L20F1.DAT	SOL20 SOF
		2341	L20F2.DAT	SOF
	134	0018	L20F3.DAT	SOF
	May 13	0028		EOL 20 - Stop survey @ dark
21		1130	L21F1.DAT	SOL21, SOF Bothnia's Lines Site 5
		1138		Cleaning head on EG+G paper Recorder
		1149		Pulling fish in 9 m.
		1157		Pulling fish in ≅ 9 m
		1202		Pulling in fish ≅ 6 m
		1206	L21F2.DAT	SOF

QMIPS LOG: Cruise ARMN 92-1 Chief Sci R. Circe

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
21	134	1208	L21F2.DAT	EOL 21
	May 13	1216		Pulling in fish 7 m
22		1228	L22F1.DAT	SOL 22, SOF
		1229		Lowering fish ≅ 6 m
		1243		Lowering fish ≅ 14 m
		1304	L22F2.DAT	Paying out fish ≅ 11 m, SOF 200 m of wire out
		1328		EOL 22
		1341	L22F3.DAT	SOF
		1342		Lost Nav.
		1343		Back to DGPS
23		1345	L23F1.DAT	SOL 23, SOF
		1405		EOL 23
		1406		Shut QMIPS off, ODEM off
		1535		Fish in water
		1537	L24F1.DAT	SOF, QMIPS running.
24		1545		ping 3390, SOL 24
		1559		Hauling fish in ≅ 7 m
24		1603		EOL 24
25		1612		SOL 25 185 m out
		1612	L25F1.DAT	SOF
		1619		260 m out
		1627		SITE 4A 42.2886 70.4791
		1649	L25F2.DAT	SOF
25		1657		EOL 25
		1726	L25F3.DAT	SOF
26		1736	L26F1.DAT	SOL 26 (SOF) MB's Site 4 "Survey"
		1735 END 1737 NEW ROL		DATA RUNS OOT - NOW APPROPRIATE
		1753:30		42.2879 70.4239 EST OF SITE 4
		1805		EOL 26
		1812	L27F1.DAT	SOF

42.3945 } Site 2
70.662

QMIPS LOG: Cruise ARMN 92-1 Chief Sci R Circe

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
27	134	1814	L27F1.DAT	SOL 27
↓	MAY 13			~280m out (Past 250 end mark)
27		1836		EOL 27
		1839	L27F1.DAT	EG+G off
				EG+G + Q-MIRS ON
			L28F1.DAT	SOF
28		2027		SOL 28
		2100	L28F2.DAT	SOF
		2100		TDU ON
		2120		TDU OFF
		2137	L28F3.DAT	SOF
		2207		pinng 12280 starboard block surrounded by trawl marks
		2213	L28F4.DAT	SOF
		2230		Caught pot - sliced above connector
↓		2231		NOTHING NEW HERE .... EOL 28
	135	1222		Fish is in the water. ODEM Fathometer is on
	May 14	1223	Nullfile	QMIPS is on
Site 2 Lines		1229		≈35 m of wire out
29		1232	L29F1.DAT	SOL 29, SOF — too much gear to continue here in this area.
↓		1235	↓	Veering off line to avoid fishing gear
↓		1245	↓	EOF EOL 29 Recorder off QMIPS off ODEM Fath. off
30		1342	L30F1.DAT	165 m of wire out SOL 30 SOF, QMIPS ODEM Back on
↓		1348	↓	Pulling fish in ≈8m 140 m out
↓		1359:50	↓	≅ location of Site 9 42.3124 70.658 } QMIPS location
↓		1412	↓	EOL 30
		1418	↓ NULL FILE	EOF L30F1.DAT
31		1420	L31F1.DAT	SOL 31
↓		1424	↓	Letting fish down 175 wire out
↓		1432	↓	Approximate location of Site 9 42.31219 70.65580 } Location on QMIPS
31		1446	↓	EOL 31

Site 9 decimal degrees
42°18.75 → 42.3125
70°39.4 → 70.65666

QMIPS LOG: Cruise ARMN 92-1 Chief Sci B. Circe

Line #	JD	Start / End	Filename	Comments: (Nav system, observed features, problems, etc.)
	135	1512		Raising fish up a little ≅ 7 m
32	May 14	1516	L32F1.DAT	SOL 32
		1519		Lowering fish
		1531		Lowering fish ≅ 6 m
		1538		Lowering fish ≅ 6 m
		1547		Lowering fish ≅ 6 m
			L32F2.DAT	SOF
		1630	L32F3.DAT	SOF EOF L32F2.DAT
		1652	L32F3.DAT	EOL 32