78013 nar

REPRODUCIBLE BY ALL OFFICE COPYING MACHINES

CJS 01-78

G 7205
5 COLUMNS

Capt. John Smith
Minisparker 400 Joule
Start: 78-May 22
End: 78-May 25
Navigation + Log Book

NAVIGATION & LOG

COLUMNAR PAD

GREEN
G 7205
5 COLUMNS *

WILSON JONES

* SEE INSIDE COVER FOR OTHER SIZES AND RULINGS

78-1
CJS 100402
78013

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LSS 07-78 78 MAY 22

LORAN-C PAPER TAPE PUNCH P. 1 of

	DATE	Eastern Standard TIME (EST)	1 STATION Y	2 STATION Z	3 LINE #	4 COMMENTS	5
1	5 22	0530	—	—	—	DEPART VIMS	
2		0805	70809.76	53654.92		BAY BRIDGE TUNNEL	
3			~~6 1 6~~	~~6 1~~			
4							
5							
6		0930	70860	53646	01	SOL # 1	
7		0935	70852	53638			
8		0940	70856.2	53633.38		C/050 / 5 C1/MF	
9		0950	70852.58	53624.9			
10		04					
11		1000	70849.68	53615.20			
12		1010	70847.00	53605.2			
13		1015	70845	53600			
14							
15		1020	70843.76	53544.89			
16		1025	70842.04	53540.0			
17		1030	70840.24	53535.65			
18							
19		1035	70838.78	53574.64			
20		1040	70837.40	53574.38		END BAY MUSTA FOR-SREP	
21		~~10~~					
22		1045	70835.80	53569.3			
23		1050	70834.45	53563.55			
24							
25		1055	70832.38	53558			
26							
27		1100	70831.5	53552.8		C/2 040	
28		1105	70830.50	53547.			
29		1110	70828.50	53541.5		(NAV ERROR)	
30							
31		1125	70828.4	53525.8			
32			70823.42	53520.6			
33		1130					
34		1135	70822.50	53515.50			
35							
36		1140	70820.5	53509.9			
37		1145	70819.14	53504			
38							
39		1150	70817.52	53499.46			
40		1155	70814.14	53493			

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CJS 01-78 78 MAY 22
LORAN C/PUNCH PG 20f

TIME (EST)	STAT Y	STAT Z	LINE #	COMMENTS
1200	70812.10	53488.21	01	
1205	70809.22	53481.16		
1210	70806.67	53475.40		
1215	70803.84	53469.10		
1220	70801.27	53463.13		
1226	70799.50	53455.10		
1230	65114.12	53451.80		
1235	70793.23	53446.31		
1240	70791.29	53440.50		
1245	70799.02	~~53434~~ 53434.2		← POSSIBLE CHANNEL
1250	70796.81	53428.70		" BAD L/C
1255	70872.66	53417.15		LOST MASTER STATION
1320	70830.67	53395.47		L-C MARGINAL
1330				L/R DOWN/SWITCH REUR
1342	70760.38	53370.79		
1350	70756.52	53361.10		L-C UP (SHIPS) (LOST PAPER TAPE)
1404	70750.0	53396.00		
1440	70745.5	53350.2		ON LINE (1/2 HR DOWN) CHISELL THPS BELTS 1STC GAS
CIRCLE	TO PICK UP		LINE 1	
1500	70751.52	53348.40		
1510	70749.84	53341.10		
1515	70747.13	53333.81		

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CJS-01-78 78 MAY 02

LORAN - C (NO TAPE) PG 3 of

TIME Eastern Standard	STA ♃	STA ♀	LINE ~~01~~	COMMENTS
1525	70742.6	5332.3.	Ø1	
1530	70740.31	5331.37		
1537	70737.24	53308.5		POSSIBLE CHANNEL
1540	70733.45	53299.60		
1555	70727.60	53287.75		
1600	70725.0	532807.0		
1605	70723.6	53276.3	CHANGE TO CHART #12210	
1615	70718.40	532636	BRISK LINE (SPARKER CARIE	
1620	70716.10	53258.6	↓	
1625	70714.20	53254.0	RESTART LINE	
1630	70712.30	53248.50		
1635	70709.21	53242.8		
1640	70706.64	53237.32	?	
1649	70702	53230	-	
1655	70697.30	53221.70	-	
1700	706945.5	53216.63	-	
1710	70688.2	53204.90	-	
1720	70683.12	53192.14	-	
1725	70681.16	53186.84		
1730	70678.49	5318.119	EOL #4 = #1	
1930	APPR WACHA PRESAGUE			

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CSJ 01-78 ~~23~~ 78 MAY ~~78~~ 23

TIME Eastern Standard	STATION Y	STATION Z	LINE # 2	COMMENTS
0630	ARR BOAT WORKED ON LORAN - RECONFIGURED FOR TELEDYNE PHONE - RIGGED BATFISH REFUELED - UNDERWAY FOR LINE # 02 USING USGS L-C FIXES FOR TAPE AND VIMS L-C FOR PLOTTING. READOUTS ± 2 MSEC. (110AC ship) power Comparing running USGS Loran in Normal mode VIMS LORAN in Select mode (12V DC battery) Synchronized Loran clock 0840 with punch			
0945	Start to stream gear, batfish + sparker			
	53328.35	70732.08		sea state 2-2 ft. swells clear weather, wind ~5 kts
1020	USGS Loran lost stations, using VIMS Loran to navigate before starting line 2			
1050	USGS loran still out			
1100	PLAYED W/TELEDYNE STREAMER & AMP. GOING BACK TO DELNORTE SYS. TROUBLE WITH EDO — FLYS NICELY - CAN'T GET ANY TRIGGER TO FISH.			
1130	Start line 2 sparker: still working on EDO			
1130	53288.35	70716.26		using VIMS Loran for navigation
1135	53294.06	70718.91		
1140	53298.41	70720.41		
1145	53305.02	70723.22		
1150	53311.07	70725.09		
1200	53322.75	70731.81		
1205	53329.41	70734.21		
1210	53335.08	70736.40		
1220	53345.41	70740.01		
1225	53352.64	70742.61		
1230	53358.12	70745.02		
1235	53363.41	70746.71		
1240	53371.31	70748.91		
1250	53380.01	70750.44		1250 → 1300 possible channel
1255	53388.38	70753.21		
1305	53400.21	70758.41		
1310	53408.42	70760.52		
1315	53410.22	70762.31		
1320	53416.54	70766.42		
1325	53421.18	70769.49		

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CBS · 01-78 ~~[illegible]~~ 1978 May 23

TIME Eastern Standard	Station Y	Station Z	Line # 2,3,4	Comments
1330	53427.43	70772.48		
1334				Start of possible channel
1336	53436.00	70776.21		
1340	53439.72	70778.56		In channel, good data
1345	53446.52	70781.42		End of channel 1345
1350	53452.01	70784.37		
1400	53463.62	70788.99		
1405	53466.71	70789.71		
1405				END Line 2
1410				Dead in water, clipping sparker tips
1410	53465.90	70787.54		
1500				10 lb. blue happened to jump on board for supper
1506				schyncronized clock + turned USGS Loran back on, sparker down. Loran agrees with VIMS L-C
1520	53463.90	70814.11		
1525	53458.89	70815.01		sparker on; kicks out Loran (USGS) back to VIMS Loran for navigation USGS Loran & punch off
1532				start line 3
1532	53449.31	70811.52		
1535	53446.17	70809.14		
1540	53438.51	70805.24		
1545	53433.21	70802.57		
1550	53426.81	70798.41		Entering channel
1555	53419.42	70795.62		
1600	53413.56	70793.76		
1605	53405.62	70789.54		
1610	53399.96	70786.23		End of channel
1615	53393.21	70782.54		End of Line 3
1622	53389.33	70784.63		
1630	53388.34	70789.54		
1635	53387.51	70793.21		
1640	53386.37	70795.83		
1645	53386.75	70798.40		
1650	53393.61	70800.04		Start line 4
1655	53399.57	70803.23		

CJS 01-78 ~~[illegible]~~ 1978 - May - 23

	TIME Eastern Standard	Station Y	Station Z	Line #	Comments
1	1700	53405.43	70805.44		
2	1705	53411.75	70808.64		
3	1710	53415.68	70810.36		
4	1715	53421.45	70813.64		End of channel
5	1720	53428.95	70816.35		
6	1722				End of line 4
7					
8	1731	53431.91	70816.57		Transit to line 5
9	1740	53433.64	70823.02		
10	1745	53435.28	70828.91		
11					
12	1750	53431.82	70829.99		Start Line 5
13	1755	53422.74	70826.58		(Possible entry to channel ?)
14	1807	53407.28	70818.94		Entry 1805
15	1815	53393.21	70812.50		
16	1820	53385.8[illegible]	70809.21		
17	1825	53380.26	70806.15		End of channel 1825
18	1835	53365.50	70802.52		
19	18[illegible]	53364.21	70803.51		transit to line 6a
20	1855	53372.61	70809.48		
21	1900	53381.64	70816.90		
22	1				change speed to 8 kts.
23	1907				start line 6a
24	1910	53388.61	70818.56		
25	1915	53392.07	70814.58		
26	1920	53394.26	70811.71		
27	1925	53397.57	70809.51		
28	1930	53400.25	70806.84		
29	1935	53402.81	70804.10		
30	1940	53406.57	70801.70		
31	1945	53411.67	70799.52		
32	1950	53417.96	70796.38		(sparker)
33	1955	53420.58	70794.65		End of line 6a. Pulled gear
34					Heading in for night
35					
36	2100				Pulled in to ~~[illegible]~~ Oyster
37					
38					
39					
40					

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CJS 01-78 ~~24 May~~ 1978 May 24

TIME Eastern Standard	Station Y	Station Z	Line#	Comments
0900				Underway from Oyster
0915				Sparker + fish over, heading up Ramhorn channel
0925	53428.65	70708.94		Start Line 7
0930	53421.58	70702.85		
0935	53415.17	70699.44		
0940	53409.21	70697.38		End of line 7
~~0835~~	U/W [illegible]			
0945	53403.71	70693.27		Start Line 8 @ 0950
0950	53400.91	70691.58		heading down Ramhorn
0955	53404.22	70693.24		Channel (Bay)
1000	53409.17	70696.82		
1005	53413.86	70698.74		
1010	53417.21	70699.34		
1015	53420.42	70702.10		
1020	53424.20	70705.61		
1025	53426.31	70707.52		[illegible] submerged channel
1030	53429.45	70709.43		
1035	53434.90	70711.25		
1040	53440.25	70713.45		
1045	53443.04	70714.14		
1050	53446.21	70717.28		
1055	53447.67	70719.82		
1100	53448.15	70722.56		change speed from 4 to 6 kts
1105	53455.83	70726.43		
1110	53459.90	70729.05		
1115	53464.28	70733.18		
1120	53469.95	70737.48		End of line 8 @ 1125
1122	53472.86	70739.21		
1127	53467.21	70730.48		Start Line 9 @ 1125
1130	53465.14	70734.26		
1135	53462.[illegible]9	70731.11		
1140	53455.28	70727.35		
1145	5[illegible]2.48	70724.40		
1150	53447.82	70720.83		End Line 9 @ 1150

CJS 01-78 ~~[illegible]~~ 1978 May 24

TIME Eastern Standard	Station Y	Station Z	Line #	Comments
1245				Returned to Oyster, dropped off Bob Mixon. Attempted transit to Va. beach, turned back 1315 to Oyster. Waiting on weather.
1500				End of USGS leg. enroute to do VIMS line [redacted]
2045				ARRIVE [redacted], LYNNHAVEN VA.

BAD WEATHER - HIGH SEAS THUNDERSTORMS - CANCLED OUT ANY MORE OFFSHORE LINES. DEPARTED OYSTER VA FOR LYNNHAVEN TO RUN NEARSHORE LINE FOR VIMS AND OFFLOAD.

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CJS 01-78 1978 May 25

V/MS LINE 7

	TIME	1 Station Y	2 Station Z	3 Line	4 Comments	5
1	1030				V/MS Underway to do line	1
2					1A for L[redacted]. Changed sparker	2
3					electrodes, flipped tip freezed leads.	3
4					Offloaded uniboom system at Lynnhaven	4
5					flew Nick back to Boston out of Norfolk.	5
6	1140	53685.79	70879.62		On station for line 1A deployed	6
7					batfish and sparker	7
8	1200	53683.48	70873.70	1A	Start Line 1A	8
9	1205	53696.21	70877.91			9
10	1210	53689.42	70882.41		Using sparker only for source	10
11	1215	53692.21	70885.62		batfish in listening mode	11
12	1220	53697.24	70890.56			12
13	1225	53701.25	70894.61		BATFISH OFF.	13
14	1230	53707.57	70899.87		QUENING SPARKER DATA	14
15	1235	53712.29	70903.68		AT 1/2 SEC WAITED ON	15
16	1240	53717.72	70907.72		PIGTAIL REC.	16
17	1245	53721.44	70911.84			17
18	1250	78915.00	53724.87		← Ken Stitkowski navigation	18
19	1300	53734.26	70925.61			19
20	1305	53738.48	70927.65		change speed to 8 kts.	20
21	1310	53743.43	70932.18			21
22	1315	53748.57	70937.52			22
23	1320	53754.05	70942.05			23
24	1325	53758.62	70947.25		End of Line 1A	24
25						25
26	1332	53757.26	70948.35		Begin line 2A	26
27	1335	53760.45	70947.58			27
28	1339	53764.69	70946.71			28
29						29
30						30
31						31
32					En route back to	32
33					Lynnhaven	33
34	1520				Pulled into Lynnhaven, to unload & head	34
35					back to Woods Hole	35
36						36
37						37
38						38
39						39
40						40

EOL — BEING FIRED UPON !!