JERE CHASE 85

NAVIGATION LOG

85023nav

UNH-BIRH

85023
JERE
85
104205

Jere Chase

July 15 1985

	Time (Plot on ¼ hr)	TD 136	TD 259	LAT	Long
	0840	13683.49	25980.43	430318.3	704026.6
on line →	0845	13680.90	25978.91	430222.1	704006.6
start uniform	0851	13679.97	25976.06	430310.2	703948.8
	0855	13680.07	25974.19	430300.1	703940.5
	0900	13680.00	25972.01	430248.5	703930.1
	0905	13679.87	25969.67	430238.6	703920.0
	0910	79.99	67.19	430220.1	703905.2
	0915	80.18	65.14	430209.8	703857.7
	0920	79.79	62.55	430156.5	703842.1
	0925	79.97	60.32	430144.0	703832.8
	0930	80.01	57.90	430131.1	703820.1
	0935	80.01	55.42	430116.3	703808.7
	0940	80.13	52.11	430100.7	703756.7
	0945	80.12	48.08	430035.2	703732.7
			Lowedn't take 444		
	0950	80.30	44.44	430014.0	703716.2
ship turned aftu →	0955	80.05	40.24	425951.2	703654.8
	1000	13682.53	25941.36	425948.4	703712.3
	1005	82.55	45.79	430012.1	703734.8
	44457.4				
	1010	82.45	49.94	430034.5	703754.5
	1015	82.56	54.09	430055.1	703814.2
	1021	82.55	60.17	430130.5	703845.4
	1025	82.56	62.52	430143.0	703857.0
	1030	82.52	66.76	430206.4	703915.9
	1035	82.55	71.10	430231.9	703938.4
	1040	82.41	75.23	430251.9	703956.8
Turned Back →	1045	82.62	79.39	430316.5	704019.5
	1050	84.90	79.88	430307.3	704030.5
	1055	85.21	76.08	430244.0	704014.9
	1100	85.20	72.08	430223.2	703954.0
	44472.4				
	1105	85.02	68.08	430200.3	703933.4
	1110	84.92	64.19	430140.0	703915.1
	1115	84.95	59.70	430116.2	703854.0
	44464.2				
	1120	85.08	55.56	430052.1	703835.7

Jere Chase

July 15, 1985 (cont)

	Time	TD	TD	LAT	LONG
	1125	13685.01	25951.38	430029.1	705812.9
	1130	84.98	47.96	430011.7	703758.2
	1135	84.99	43.74	425947.7	705735.7
	1140	84.97	39.49	425922.9	703715.1
turned	1145	85.19	37.57	912.0	703707.6
	1147	87.40	36.65	425857.4	703715.2
	1150	87.40	38.77	425907.4	703723.8
	1155	87.60	43.43	425931.7	703746.4
	1200	87.45	48.15	430000.0	703810.5
	1205	87.65	52.26	430029.1	703829.7
	1210	87.48	56.69	430047.4	703852.7
	1215	87.53	60.83	430109.2	703912.7
	4446.4				
	1220	87.52	64.83	430132.3	703931.9
	1225	87.49	68.93	430154.9	703951.7
	1230	87.68	72.98	430215.7	704011.2
	1235	87.61	77.11	430239.8	704032.0
Turned → BAT	1239	88.06	80.71		
	1242	89.94	80.46		
	1245	89.98	78.36	430234.0 ~~430234~~	704046.3
	1250	90.03	74.02	430210.6	704027.0
	1255	89.89	69.85	430147.3	704006.1
	1300	90.06	65.86	430124.0	703947.6
	4446.7.0				
	1305	89.89	61.52	430102.9	703927.4
	1310	90.10	57.75	430139.9	703909.5
	1315	89.90	53.15	430015.6	703845.8
	1320	89.87	49.17	425953.5	703826.7
	1325	89.84	45.42	425934.2	703809.8
	1330	90.03	41.33	425911.0	703748.4
turned	1334	90.08	38.91	425856.4	703737.4
	1337	92.52	39.24	426845.5	703752.0
	1340	13692.34	41.53	425858.4	703802.3
	1345	92.56	45.97	425922.5	824.5
	1350	13692.48	51.28	425952.6	703850.2
	1355	92.58	55.06	425912.8	703908.7
	1400	92.42	59.20	425936.4	703927.9
	4446.3.0				
	1405	92.57	63.55	425957.9	703948.2
	1410	92.40	67.37	430121.4	704007.1

Jerri Chase

July 15, 1985 (cont)

	Time	TD	TD	LAT	Long	
	1415	92.60	71.94	430144.0	704029.4	
	1420	92.43	76.16	430211.4	704051.5	
Turn →	1425	92.55	79.85	430236.0	704108.3	
	1429	95.06	81.03	430226.2	704126.1	
	1435	95.05	76.40	430158.3	704103.7	
	1440	95.02	72.21	430135.9	704042.4	
	1445	94.93	68.08	430112.4	704022.3	
	1450	95.10	64.04	430050.1	704004.6	
	1455	94.84	59.95	430027.4	703941.2	
	1500	95.16	55.87	430005.4	703926.2	
	44459.8					
	1505	95.01	51.82	425941.3	703903.9	
	1510	95.09	47.20	425916.8	703842.4	
	1516	94.85	43.08	425855.9	703821.8	
turn	1520	95.06	39.94	425837.4	703807.2	plot
	1524	97.58	39.30	5821.4	3817.1	plot
	1530	97.60	44.07	5847.5	3840.1	
	1535	97.45	48.42	425911.6	3900.5	
	1540	97.64	52.22	429932.3	3919.6	
	1545	97.48	56.30	429955.0	3938.1	
	1550	97.41	59.91	430014.6	3954.9	
	1555	97.78	64.46	431035.7	4016.5	
	1600	97.48	67.07	43104.9x	704039.3	
	44468.0					
	1605	97.40	72.71	43125.9 x	057.9	
	1610	97.55	77.23	43149.9 x	119.3	
	1615	97.60	81.11	430212.0	704141.1	
	1620	97.44	85.05	430234.9	704157.6	
	1622	97.68	86.15	43239.2	704204.4	

Sand Survey — Jere Chase

July 16, 1985

(Plot every 4 hr) - BLACK -

	Time	TD	TD	Lat.	Long.
	0816	13700.06	25986.76	430230.7	704218.2
	0820	13700.06	25982.89	430207.7	704159.4
	0825	00.16	79.89	430147.0	704140.4
	0830	13699.93	25975.62	430130.0	704123.9
	44470.8				
	0835	699.99	971.14	430105.1	704102.0
	0840	13700.03	967.28	430040.6	704044.9
	0845	699.95	962.62	430017.3	704019.2
	0850	700.02	958.58	425952.0	704000.6
	0855	700.06	954.20	425930.8	753940.2
	0900	699.92	950.18	425910.2	703921.1
	44454.7	.11			
	0905	13700.41	25945.69	425843.5	703900.4
turn	0910	13700.37	25941.89	425821.4	703842.9
	0914	13702.61	25942.72	425815.5	703857.8
	0920	13702.71	48.58	847.0	3927.0
slow to turn	0925	13702.57	25952.01	425906.6	703942.6
resume	0927	13702.53	25953.06	425909.9	703945.1
	0930	13702.43	25955.17	425925.1	703957.2
	0935	13702.50	59.58	425946.6	704019.1
	0940	13702.57	25963.30	430006.9	704034.8
	0945	13702.54	67.35	29.7	704054.4
	0950	13702.58	71.42	52.7	115.2
	0955	13702.44	75.52	116.9	704136.1
	1000	13702.62	79.71	139.5	704156.9
turn	1005	13702.42	83.83	0202.9	704215.6
	44475.9				
Finished Turn	1008	705.21	984.33	430153.3	704229.1
	1015	705.04	979.23	430125.8	203.1
	1020	704.88	974.22	430100.2	704140.3
	1025	705.07	970.70	43037.5	704123.6
	1030	705.04	966.64	43014.9	704105.0
	1035	704.89	961.30	42946.5	704037.6
	1040	704.96	958.03	429285	704023.4
	1045	705.04	953.97	425905.5	704004.2
	1051	705.06	948.84	425836.8	703939.3
	1055	705.08	945.68	425819.2	703923.6
Turn finished	1100	705.11	941.33	425754.3	703903.1
	1106	707.60	943.44	425754.9	703925.5

Jerry Chase 7/16/85

	Time	TO	TD	Lat	Long
	1110	13707.29	25947.39	425817.9	703943.3
	1115	07.37	51.23	837.4	704001.2
	1120	707.47	955.43	902.5	4024.2
	1125	707.63	959.54	923.5	704043.1
	1130	707.42	963.77	425948.3	704103.8
	1135	707.62	968.19	430012.0	125.8
	1140	707.43	972.41	35.9	145.1
increase	1145	707.63	977.29	430100.0	704208.8
ship speed	1150	707.47	81.96	430126.5	704232.9
TURN	1154 end turn	10.24	83.49	22.6	250.6
slow speed	1155	10.05	80.60	107.1	236.6
	1200	10.03	76.44	430045.2	704217.3
	44460.8				
	1205	709.90	973.27	026.6	4200.0
	1210	09.93	69.72	002.1	139.1
	1215	09.94	64.50	938.3	117.8
	1221	709.96	959.27	425904.6	704052.2
	1225	709.90	955.62	425850.7	704034.7
Turned	1227	709.86	953.68	425840.1	704026.4
Finished	1230	712.54	954.70	425851.9	704043.3
	1236	712.63	961.05	425905.2	704116.8
	1240	712.61	963.75	425920.7	704128.7
	1245	712.42	968.41	425948.4	404149.4
	1250	712.40	973.26	430012.8	704209.5
	1255	712.52	978.10	430042.3	704237.4
	1300	712.52	982.67	430105.9	704257.1
Turned	1303	712.58	985.66	~~430114.2~~	
Finished	1306	715.05	986.37	430114.2	704328.3
	1310	715.06	982.69	430053.9	704310.3
	44471.6				
	1315	15.02	977.92	28.4	246.9
	1320	15.02	73.94	430005.5	228.0
	1325	15.02	69.56	425941.4	207.2
	1330	15.05	65.14	425916.9	146.1
	1335	14.95	60.71	852.3	123.8
TURN	1340	15.18	56.41	829.1	106.9
TO	1343	17.60	57.15	820.4	120.0
	1350	17.53	62.95	850.6	145.8
	1355	17.46	68.16	921.5	211.8
	1400	17.56	72.84	5946.7	4234.2
	44465.4				

Jere Chase July 16, 1985

	Time	TD	TD	Lat	Long
	1405	137 17.50	25977.68	430014.7	704258.7
TURN	1409	17.49	81.73	35.0	315.3
END TURN	1414	19.94	70.58	19.0	324.3
	1420	20.12	75.96	51.7	303.3
	1425	20.01	71.77	425929.9	242.7
	1430	20.12	66.72	9004.1	217.9
	1435	19.98	63.15	425843.5	201.5
TURN	1437	19.84	61.04	425831.5	704151.0
END TURN	1443	13722.51	25964.18	425834.6	704219.0
	1450	22.54	70.23	425907.9	246.2
	1455	722.53	975.05	425935.6	704310.7
	1500	722.46	979.89	430001.2	704332.6
	44468.4				
Turn	1504.5	722.63	984.12	430024.5	704354.9
End Turn	1508	724.9	983.75	430011.1	704401.9
	1510	724.81	982.07	430001.6	704354.7
	1515	725.00	971.79	425931.0	704328.9
	1520	725.12	973.65	425915.6	704314.9
	1525	724.80	969.42	425852.0	704254.3
	1530	724.90	965.10	425826.27	704232.9
Turn	1535	724.87	960.93	425806.3	704215.1
End Turn	1539	727.38	962.92	425804.4	704235.4
	1545	727.49	967.89	425830.5	704300.6
	1551	727.67	973.80	425903.8	704330.3
	1555	727.41	977.63	425924.2	404344.9
Turn	1600	727.62	982.39	425950.5	704409.1
End Turn	1604	730.05	981.90	423954.4	704418.2
	1610	730.18	977.04	425906.9	704356.1
	1615	729.91	973.60	425845.9	704335.3
	44461.8				
	1621	729.96	967.28	425814.3	704308.9
	1625	730.07	64.77	425800.4	704257.1
TURN	1627	729.98	62.96	425750.4	704247.9
END	1630	13732.47	25963.61	425741.5	704304.9
TURN →	1631	13732.43	25964.61	425748.5	704307.9
	1635	13732.62	25968.32	425807.8	704326.5
	1640	13732.45	25973.23	425835.0	704349.0
	1645	13732.55	25978.04	425900.3	704410.0
	1648	13732.57	25981.39	425919.0	704426.4
	44466.8				

END 7/16/85

NIHIL
CICADA

Jere Chase
Sand Survey July 17, 1985

Recn

start at 710

Time	TD	TD	Lat	Long	Remarks
0853	13740.08	2598 2.41	425846.6	704508.0	
0855	39.66	79.36	425834.1	704455.0	
0900	40.17	75.15	425807.7	704435.8	
	44470.1				
0905	40.10	70.67	425741.7	704412.8	
0910	39.92	66.52	425720.1	704352.8	
TURN 0913	40.00	63.99	705.7	341.2	
0918	42.27	66.18	706.7	402.8	
0920	42.52	68.08	425717.0	413.8	
0925	42.57	72.89	742.7	436.9	
TURN 0930	42.43	977.53	809.5	458.3	
END 0934	46.10	78.60	425800.6	704514.9	
0940	44.97	72.77	730.6	446.0	
0945	44.98	68.39	425705.4	426.3	
0950	44.95	64.03	640.9	405.1	
TURN 0953	45.02	62.27	630.9	357.2	
0955	47.46	62.52	621.2	411.4	
0956	47.56	63.44	625.3	415.1	
1000	47.57	67.39	425644.9	432.5	
	44464.8				
1005	47.46	72.26	714.1	456.6	
1010	47.59	77.03	738.5	518.3	
TURN 1012	47.44	78.79	750.9	528.1	SLOW SPEED STYLUS
1015	49.47	79.80	747.9	538.9	
END 1016	50.00	78.56	425736.7	538.9	
1020	49.98	75.52	719.9	525.1	
1025	49.83	71.28	425700.1	704505.7	
1030	49.87	66.96	633.8	442.8	
1035	50.11	62.80	608.7	424.3	
TURN 1039	49.94	59.31	550.8	407.2	
END Turn 1044	752.39	960.59	425546.9	704426.8	
1050	752.50	966.92	425619.8	704456.6	
1055	752.53	971.82	425644.1	704516.6	
Turn 1100	752.44	976.62	425712.0	704542.1	
	44488.6				
End Turn 1104	754.89	976.99	475702.5	704554.2	
1110	754.94	971.78	425634.5	704530.5	
1115	754.98	967.57	425610.7	704510.4	
Turn 1120.5	755.00	962.00	425539.0	704444.4	
End Turn 1125	757.55	963.25	425533.6	704501.0	
1130	757.56	968.11	425501.9	[illegible]	

Jere Chase

July 17 1985 (cont)

	Time	TD	TD	LAT	Long	Remarks
	1135 ~~1140~~	757.49	972.94	425628.3	704549.3	
	1140	757.41	977.77	425654.3	704610.3	
TURN	1142	757.39	979.67	425704.6	704618.8	
END TURN	1145.25	760.02	980.04	425653.1	704633.3	
	1150	759.81	975.97	425634.9	704616.5	
	1155	759.98	971.81	425605.0	704553.9	
	1200	759.93	967.61	425545.3	704534.3	
	1205	760.06	963.19	425520.4	704513.9	
TURN	1210	760.00	958.27	425500.4	704457.4	
END TURN	1214.5	762.45	961.74	425500.1	704520.2	
	1220	762.46	967.19	425530.6	704544.9	
	1225	62.52	72.19	425558.7	704609.2	
		44463.8				
	1230	62.42	77.09	425626.0	704632.3	
TURN	1233	62.48	80.01	425640.4	704645.6	
↓	1235	61.72	79.99	644.6	641.7	
	1240	64.72	78.00	425618.2	646.6	
END	1241	65.14	77.46	425613.0	645.5	
	1245	64.82	74.98	556.4	628.6	
TURN	1250	64.87	69.82	535.1	611.7	
END	1254	67.44	71.66	425528.5	628.6	
	1300	67.39	77.52	425602.7	657.2	
		44465.6				
TURN	1303	67.69	80.56	617.1	712.1	
↓	1305	69.67	81.51	612.4	727.0	
END	1307	70.68	80.99	605.6	729.2	
	1310	70.02	78.56	555.8	716.4	
Turned	1315	769.94	974.26	425552.3	704654.3	
Turn	1320	769.90	970.23	~~425541.3~~		
	1326	763.63	970.18	425541.3	704603.7	
	1330	58.95	70.08	425603.9	704541.5	
	1335	53.59	70.06	630.9	516.6	
	1340	48.16	70.02	658.2	450.1	
	1345	42.86	69.84	723.6	423.3	
	1350	37.59	70.04	751.3	358.7	
	1355	32.25	70.09	425819.3	332.3	
	1400	26.84	69.99	425844.8	307.9	
		44471.0				
	1405	21.96	70.11	909.8	244.1	
	1410	716.88	70.03	935.6	218.4	

Jere Chase

July 17 (cont) 1985 145

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Time	TD	TD	LAT	LONG
1415	711.59	70.01	450000.8	704151.7
1420	706.62	969.89	430025.9	704127.1
1425	701.22	970.04	430051.5	704104.7
1430	696.15	969.90	430117.2	704037.9
1436	689.80	970.02	430149.9	704006.4
1440	685.32	969.94	430211.7	703944.2
1445	13679.95	25969.87	430236.9	703918.1
1455	13678.32	977.18	430324.0	703947.9
1500	683.06	977.01	430302.2	704009.1
444762				
1505	688.29	977.04	430235.2	704035.7
1510	692.94	977.08	430212.3	704058.9
1515	698.20	976.98	430146.5	704121.9
1520	702.37	977.08	430125.4	704143.4

Taken with an Internav LC720

The lat, long readers were made using a local correction factor to the internal computer. They check with land marks.

The TD readings plot about .25 NM northwest of the lat-long positions

F. S. Birch, UNH