ELUS 105023
94038 94-1

NAU 94038nav

R/V SLUSIVE

WRIGHTSVILLE BEACH, NC

7-12 MAR 94

7530 - 00 - 286 - 6952
FEDERAL SUPPLY SERVICE

USACE WILMINGTON
WRIGHTSVILLE BEACH B/L 2/28/1994

Original Coordinates on NAD 27 State Plane Zone 3200,U.S. FOOT
Translated Coordinates on NAD 83 Geographic Coordinates

NAME	INPUT	OUTPUT
20+02.693	162887.00900 N	34 11 30.36632 N
	2360745.71100 E	077 48 24.75978 W
Convergence	00 41 18.47328	
Scale Factor	1.000042263	
Datum Shift(m),	Delta Lat. = 18.914	
	Delta Lon. = -27.231	

σ = 13.38 ft = 4.078 m (MSL 29)

σ_{90} = -37.435 | σ_{93} = -37.887

ε = -33.357

ε_{90}

STATION 1
CONDO

RMS .004376 int = 100

34. 12 25.14878 12.41915

77 47 43.24669 47.72078

-10.1565

1.711 Lat.

-8.4455

3/7/94 Dy 066 RV Elusive Wrightsville Bch

DGPS Station on STATION 1 CONDO Roof.
34° 12.41915
-77 47.72078
-10.1565 + 1.711 Ant ht = -8.4455

(Z-5)

11:35 (6 34A) start test C-032 spd 5.4
11:40 DGPS ~~PDOP~~ ~~stop~~ BAD PDOP lost some data

11:55 start Quips tape

1220 EOL 1
stop Prog to mklin

1224 Restart
1227 SOL 2 4 to 3 125m spacing
1312 EOL 2
1313 SOL 3 6 to 5
1358 EOL 3
1400 SOL 4 8 to 7
1444 EOL 4
1446 SOL 5 10 to 9
1530 EOL 5
1532 SOL 6 12 to 11
1616 EOL 6
1617 SOL 7 14 to 13
1700 EOL 7
1704 SOL 8 4 to 3 110m spacing
1748 EOL 8
1750 SOL 9 6 to 5
1833 EOL 9
1836 SOL 10 4 to 3 90m spacing
1924 EOL 10
1925 SOL 11 20 to 21 60m spacing
2000 EOL 11
2002 SOL 12 x check
2024 EOL 12

3/8/84 D067 R/V Elusive Wrightsville Beach

DGPS -
Z = -5

1139	SOL 13	161 to 162	inshore
1208	EOL 13		(transit)
1212	SOL 14	0 to 3	offshore
1222	EOL 14		
1223	SOL 15	3 to 4	
1313	EOL 15		
1316	SOL 16	5 to 6	
1404	EOL 16		
1406	SOL 17	7 to 8	
1457	EOL 17		
1459	SOL 18	9 to 10	
1548	EOL 18		
1549	SOL 19	11 to 12	
1642	EOL 19		
1643	SOL 20	13 to 14	
1730	EOL 20		
1732	SOL 21	15 to 16	
1826	EOL 21		
1828	SOL 22	17 to 18	
1913	EOL 22		
1915	SOL 23	19 to 20	
2012	EOL 23		
2013	SOL 24	0 to 163	transect.
2041	EOL 24		

3/9/94

Weather day

3/10/94 D069 RV Estuarine Wrightsville Beach

DGPS

1325	SOL25	21 to 22	Rough
1411	EOL25		
1413	SOL26	23 to 24	
1514	EOL26		Going in

3/11/94 DY070 RV Elusive Wrightsville Beach

DGPS
Z-5

1336	SOL27 25 to 26			
1436	EOL27			
1440	SOL28	26 to 25	Reset	Rough/noisy
1542	EOL28			
160~~4~~	STA 1	34 10.5963	77 47.4233	
1618	STA2	34 11.0139	77 46.6545	
162915	STA3	34 11.5840	77 46.5730	
163610	Sta4	34 11.0274	77 47.2554	
164309	Sta5	34 11.5261	77 47.0113	
164935	Sta6	34 11.~~6~~895	77 48.0291	
165428	Sta7	34 11.2182	77 48.0066	N/G
165811	Sta~~7~~8	34 11.2258	77 48.0177	
170420	Sta8	34 11.1616	77 47.7655	
171401	Sta9	34 11.8555	77 47.3732	
172041	Sta10	34 12.0569	77 47.4637	
172910	Sta11	34 12.4092	77 47.2245	
173621	Sta12	34 12.5855	77 46.9217	

37../54 Day 070 Continued

17424	Sta 13	34	12.7549	77	47.1822	
175~~3~~05	Sta 14	34	12.8551	77	45.6646	
180733	Sta 15	34	13.4649	77	46.2696	
181611	Sta 16	34	12.1565	77	45.8061	N/G
18250	Sta 16	34	12.1622	77	45.8038	
183008	Sta 17	34	12.0036	77	46.3776	

1928 DIVER TRANSECT @ 20 to 24

STA 18 34 11.2313 77 47.7623
34 11.2295 77 47.8448

} mid transect 34 11.2304 77 47.8034

3/12/94 DF071 RV Elusive Wrightsville Beach

DFPS
2-8

1234	SOL29	28 to 2[illegible]	Rerun
1323	EOL 29		
1326	SOL 30	23 to 24	"
1411	EOL 30		
1416	SOL 31	25 to 26	"
1508	EOL 31		
1510	SOL 32	27 to 28	
1556	EOL 32		
1558	SOL 33	29 to 30	
1647	EOL 33		
1649	SOL 34	31 to 32	
1735	EOL 34		
1739	SOL 35	33 to 34	
1832	EOL 35		
1834	SOL 36	35 to 36	
1921	EOL 36		
1925	SOL 37	37 to 38	
2010	EOL 37		
2012	SOL 38	38 to 2	Error 15 Stop/Restart Core
2023	EOL 38		
2023	SOL 40	2 to 1	
2110	EOL 40		