

Memorandum

Florida Department of
Environmental Protection

GULF STATES MARINE
FISHERIES COMMISSION

TO: Ken Haddad
THROUGH: Mark Leiby
FROM: Kim Williams *KAW*
DATE: May 11, 1995
SUBJECT: Cruise Report: R/V Suncoaster 95-1

JUN 15 1995

Cruise 95-1 (SEAMAP ichthyoplankton cruise 95-1) of the R/V Suncoaster departed Bayboro Harbor on 19 April 1995. The purpose of the cruise was collection of hydrographic and ichthyoplankton data as part of the State of Florida's participation in SEAMAP. This was the first of two cruises contracted for 1995. Scientific personnel included: Kim Williams (Chief Scientist), Tedi Crawford, Connie Stevens, and Frank McIntyre, all from FRMI-St. Pete. A total of 15 stations were planned. The stations were spaced along 30 minute latitude/longitude grids from 28°00'N to 24°30'N, at the southern extent and between 84°00'W and 85°30'W (see attached cruise track). These stations were selected to complement sampling done during the same period by the National Marine Fisheries Service vessel the R/V Oregon II, which operated to the north of our stations.

Weather conditions at the beginning of the cruise were good, but do to an approaching front conditions deteriorated rapidly. We were forced to return to Bayboro Harbor on Friday, April 21, after completing only 2 stations. We again departed Bayboro Harbor on April 27, and resumed sampling at 0801 hours on 28 April. We continued with good weather and successful sampling until 1645 hours on 30 April, when we completed our last station.

In addition to our regular sampling, we collected water samples for red tide analyses in the last 24 hours of the cruise for Ms. Bev Roberts. We also obtained large quantities of offshore water to be used in the phytoplankton and seagrass studies.

The R/V Suncoaster docked in Bayboro Harbor on 1 May 1995. Chlorophyll samples are being processed by Paul Carlson of FRMI-St. Pete. Right bongo and neuston samples are being prepared for delivery to Mr. Alonzo Hamilton, NMFS, Pascagoula for shipment to the sorting center in Poland, while left bongo samples are being readied for delivery to Mr. Ken Stuck, Gulf Coast Research Lab, Biloxi, MS for archiving. All data has been entered into the SEAMAP DMS module except for chlorophyll values which are in the process of being compiled. Completion of data compilation is expected by the end of May, at which time it will be mailed to the appropriate personnel/agencies.

If you have any questions, please don't hesitate to contact me.

cc: Dave Donaldson, SEAMAP Coordinator - Gulf Archives
Joanne Shultz, NMFS
Ken Savastano, Stennis Space Center
Alonzo Hamilton, NMFS

KAW
RS

CRUISE REPORT FORM

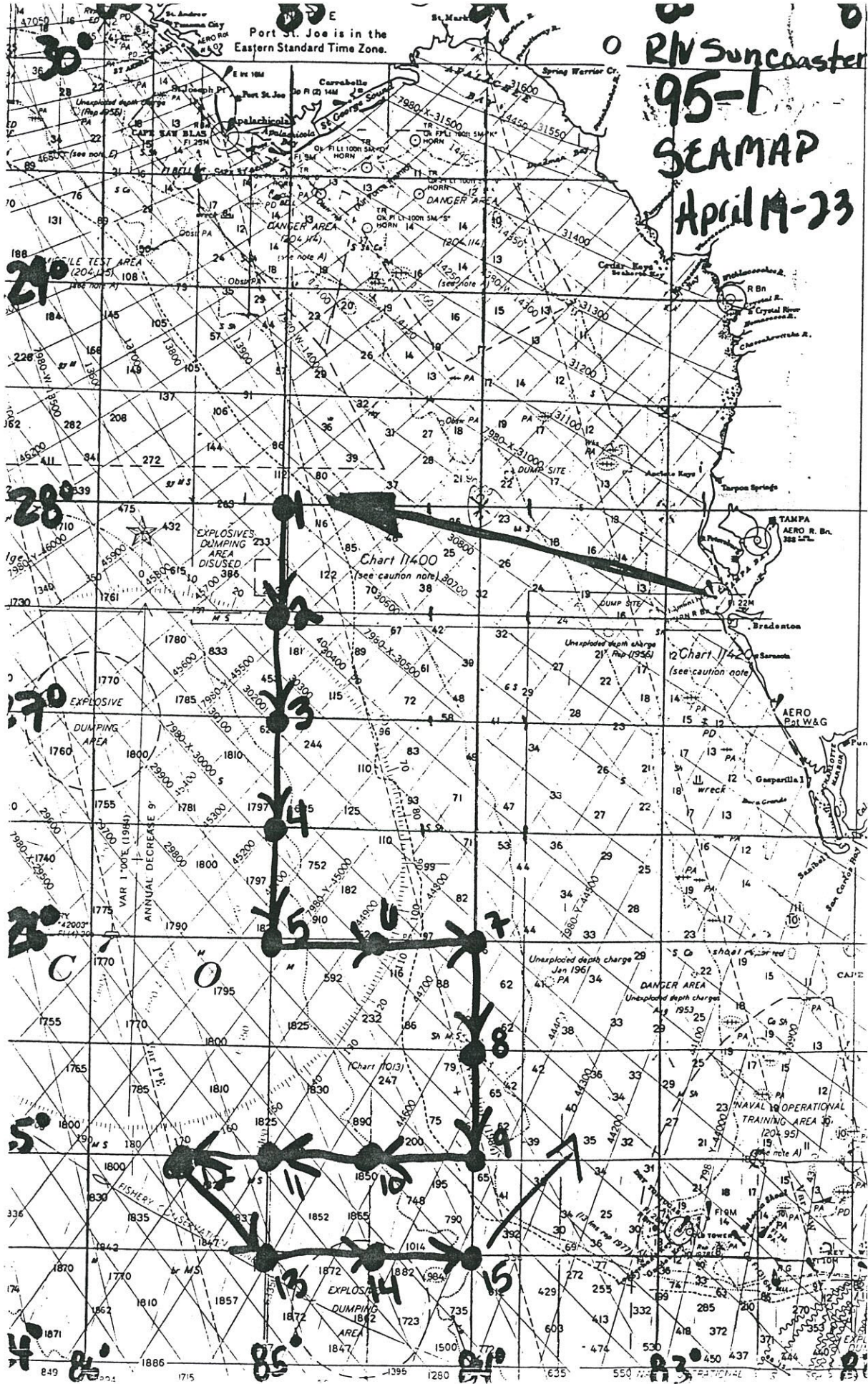
VES 26 CRUISE 951 DATA SOURCE FL

TELEPHONE _____
AREA CODE (813) NUMBER 896-8624

CONTACT-PERSON FOR CRUISE REPORT
KIM WILLIAMS

CRUISE REPORT TITLE
SEAMAP SPRING ICE THYOP LANKTON

DATA VERIFICATION DATE _____
DATA VERIFIER NAME _____
MONTH ____ DAY ____ YEAR ____



RV Suncoaster
 95-1
 SEAMAP
 April 19-23

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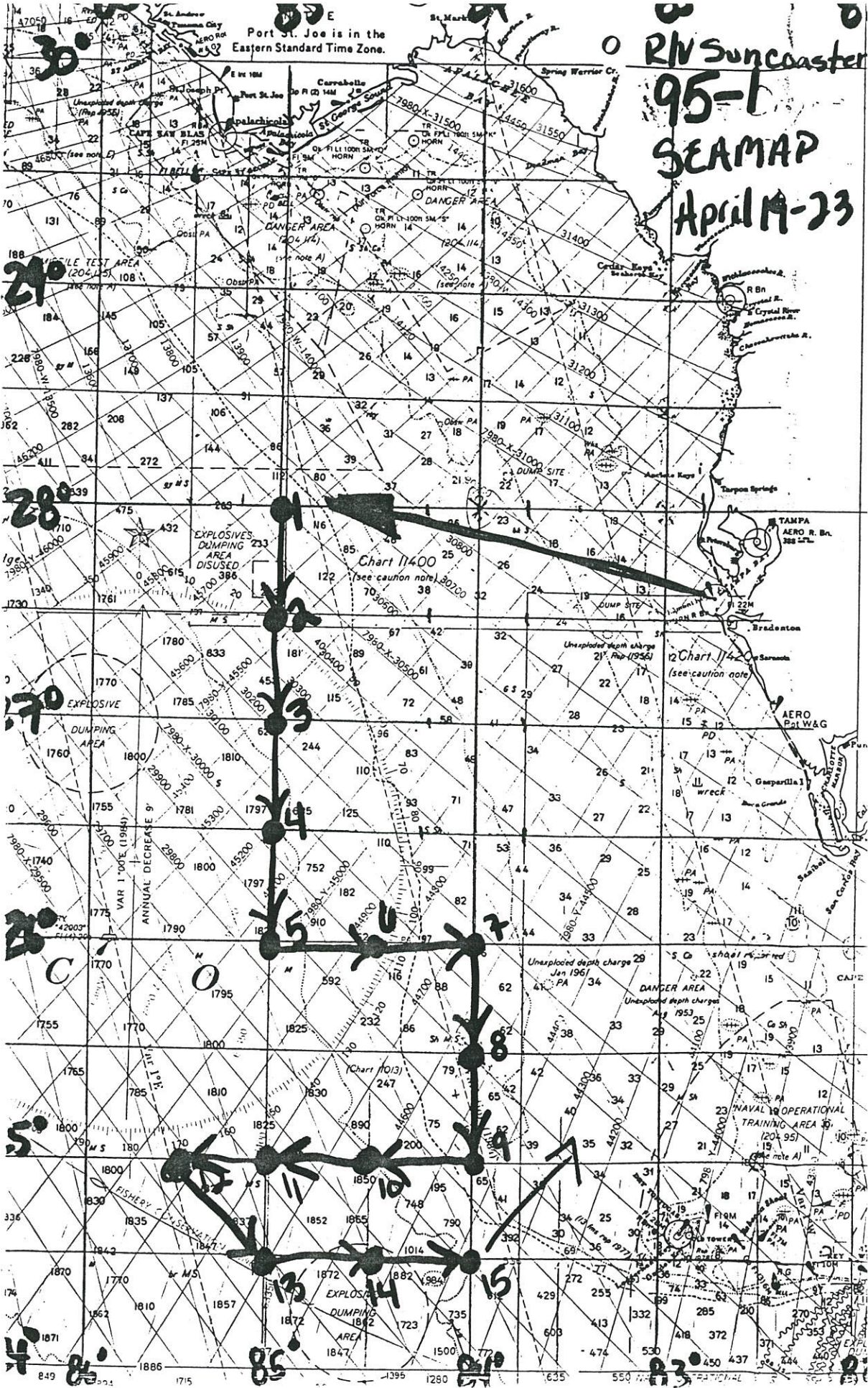
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SEAMAP CRUISE LOG

AGENCY FL DEPT. of ENVIRONMENTAL PROTECTION

SUBMITTER: K. WILLIAMS

DATE: 26 MAY 1995

TELEPHONE: (813) 890-8624

VESSEL: R/V SONCOASTER

CRUISE: 95-1

CRUISE DATE: 19 APRIL - 1 MAY 1995

PASCAGOULA STA. NO.	SEAMAP STA. NO.	DATE	TIME	COORDINATES		WATER M DEPTH (M)	TRAWL SIZE	SHRIMP L/F	GENERAL L/F	BANKTON PLANKTON TOW	ENV.	CHEMISTRY		NEUSTON/ OTHER
				LATITUDE	LONGITUDE							DO	CHL	
001	001	04/20/95	0222	28°00.0	085°00.0	600				✓		✓		✓
2	2	04/20/95	0719	27°30.0	085°00.0	400				✓		✓		✓
3	3	04/20/95	1539	27°00.0	085°00.0	620				✓		✓		✓
4	4	04/20/95	1121	26°30.0	085°00.0	620				✓		✓		✓
5	5	04/20/95	01031	26°00.0	085°00.0	900				✓		✓		✓
6	6	04/20/95	0158	26°00.0	084°30.0	1100				✓		✓		✓
7	7	04/29/95	2212	26°00.0	084°00.0	1310				✓		✓		✓
8	8	04/29/95	1806	25°30.0	084°00.0	1310				✓		✓		✓
9	9	04/29/95	1312	25°00.0	084°00.0	127				✓		✓		✓
10	10	04/29/95	08310	25°00.0	084°30.0	900				✓		✓		✓
11	11	04/29/95	0405	25°00.0	085°00.0	900				✓		✓		✓
12	12	04/28/95	2331	25°00.0	085°30.0	900+				✓		✓		✓
13	13	04/28/95	1702	24°30.0	085°00.0	1450				✓		✓		✓
14	14	04/28/95	1215	24°30.0	084°30.0	1350				✓		✓		✓
015	015	04/28/95	0801	24°30.0	084°00.0	1350				✓		✓		✓