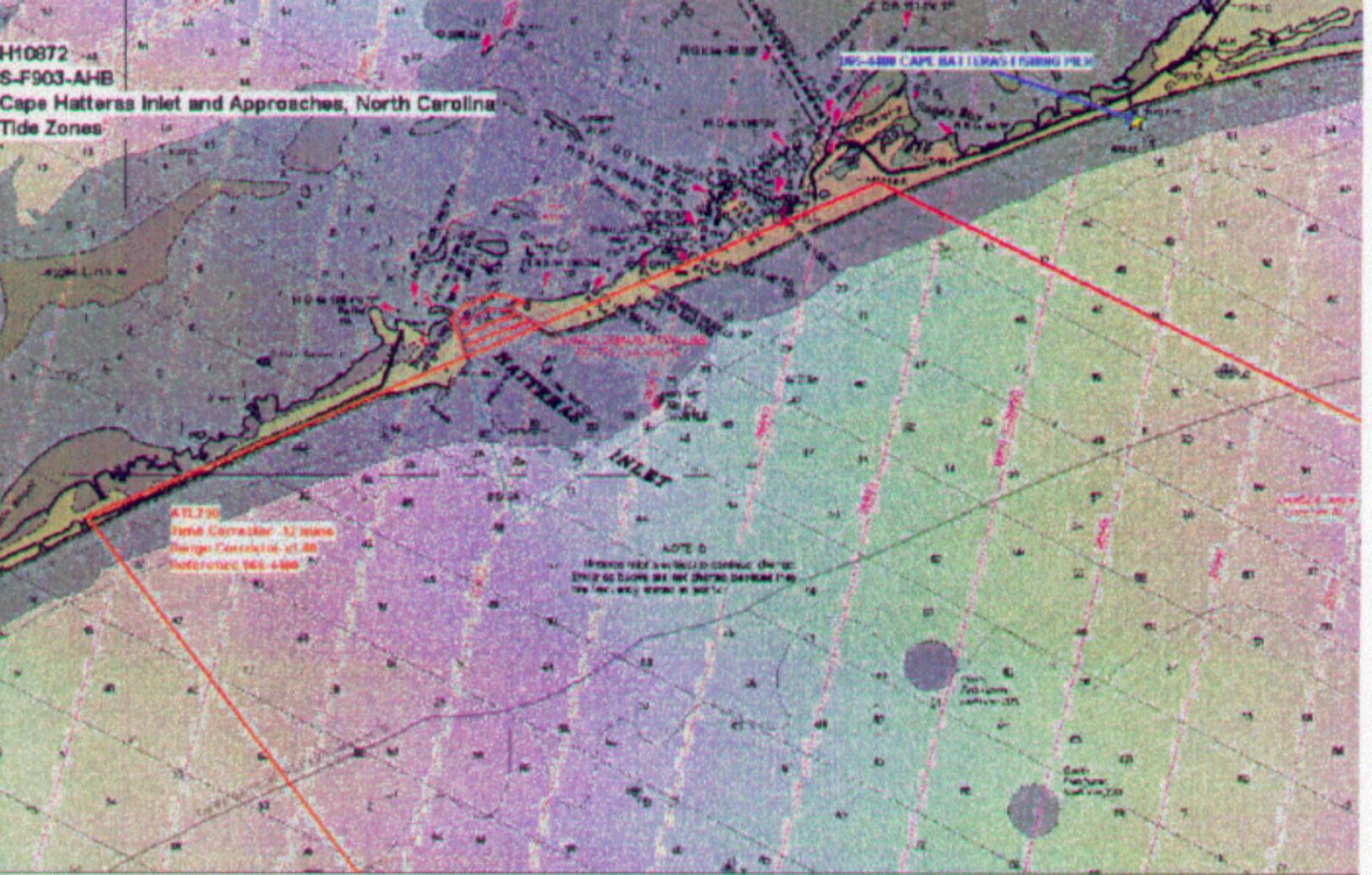


H10872
S-F903-AHB

Cape Hatteras Inlet and Approaches, North Carolina
Tide Zones

1965-4888 CAPE HATTERAS TIDING PLAN



ATL230
Fresh Connector - 12 miles
Range Connector - 11.80
Referenced 1965-4888

NOTE D
Indicates that a vessel in contact should
employ no buoys and not change bearings from
the last entry unless so noted.

North
Passage
Light - 1975

South
Passage
Light - 1975

Depth of Sound
100 - 100 ft

Tide Correctors

The tidal datum for this project is Mean Lower Low Water (MLLW). The operating tide station at Cape Hatteras Fishing Pier, North Carolina (865-4400) served as control for datum determination. Due to time constraints involved with the preparation for this emergency survey, subordinate water level stations were not installed inside Hatteras Inlet.

Upon completion of H10872, preliminary water level data from station 865-4400 were applied to all sounding data.

Zoning for this survey is consistent with the project instructions. **Due to the absence of subordinate gauges inside Hatteras Inlet and because of the highly dynamic nature of the seafloor, sounding data collected inshore of tide zone ALT730 are not included on the final smoothsheet.** The tide zones applied for this survey have been summarized in the following table. Tidal zones are shown on the following chartlet (figure 2):

Tide Zone	Time Corrector	Range Ratio	Reference
ALT730	-12	1.00	865-4400

HPTools was used for tide table creation and was used for the application of Preliminary Water Level Data and Verified Water Level Data during data processing.

Approved tides for H10872 were requested by letter to N/OPS1 dated April 20, 2001. See Appendix C. *APPROVED TIDES AND ZONES HAVE BEEN APPLIED DURING OFFICE PROCESSING*

** FILED WITH THE ORIGINAL FIELD RECORDS.*