

DATE: 7/11/84

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

TIDE NOTE FOR HYDROGRAPHIC SHEET

Marine Center: Atlantic

OPR: H373

Hydrographic Sheet: H-10125

Locality: NW Channel, Key West, Florida

Time Period: March 2 - May 24, 1984

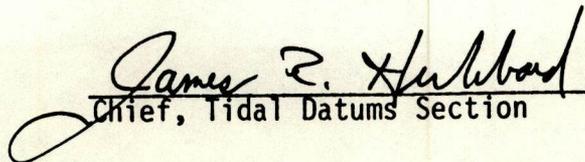
Tide Station Used: 872-4580 Key West, Florida

Plane of Reference (Mean Lower Low Water): 4.33 ft.

Height of Mean High Water Above Plane of Reference: 1.6 ft.

Remarks: Recommended Zoning:

Zone Direct


Chief, Tidal Datums Section

FIELD TIDE NOTE

OPR-H373-HSB-83

Field tide reduction of soundings was based on unverified actual heights from the Key West Harbor tide gage (Station #872-4580), and were interpolated using Program AM-500 on a PDP/8e computer. Tide records were recorded in Eastern Standard Time (EST), while the computer output was in GMT.

SITE	LATITUDE	LONGITUDE	PERIOD
Key West	24°33.2'N	81°48.5'W	Entire period of survey

The gage in Key West is under contract to Chapin & Associates, Tallahassee, FL. Chapin & Associates was contacted upon arrival of the field party in Key West and on several other occasions when their gage observer failed to check the gage. Intermittent problems with the contractor's observer did not hinder surveying work by the field party due to the fact that personnel from HFP-2 checked the gage and made separate observation on the days of hydrography. Weekly tide station reports recorded by HFP-2 are contained in the fan folder with other survey material. (Survey H- 10120)

Although field party personnel checked the gage on these days, separate weekly tide station reports did not begin until January 15, 1984. On January 9, 1984, the gage battery failed and was replaced by HFP-2. In the process of restarting the gage, the digital counter slipped one foot, making the difference between the staff and the gage 11 feet instead of 10 feet. This extra foot remained unchanged for the entire project. The Chapin representative responsible for the Key West gage was informed of the situation as soon as possible.

After the incident with the dead battery and seeing that the gage observer was not reliable, HFP-2 began keeping their own records.

LEVELS

Inspection levels were run at the beginning and at the end of the project. Closures between the beginning and the end of the project were less than 0.011 ft.

ZONING

Zoning information should be furnished by Tides and Water Levels, N/OMS12, Rockville, MD.

APPENDIX "B"

(13.)



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
 NATIONAL OCEAN SERVICE

Date: 26 June 1984

To: Chief, Tides and Water Levels Branch, N/OMS 12

From: John W. Humphrey Lt.jg, NOAA
 Officer-in-Charge
 Hydrographic field party-2

Subj: Tidal Data for OPR-H373-HSB-8X; ³H-10125

It is requested that verified hourly heights of Tides, using Greenwich Mean Time, from the operating tide gage listed below, be forwarded to the Atlantic Marine Center, Norfolk, Va. 23510, MOA/23

<u>GAGE NAME</u>	<u>NUMBER</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>
Key West Harbor, FL.	872-4580	24°33'N	81°48'W

This information is requested for the following Times and Dates:

J.D. 062	Mar. 2, '84	1400 GMT - 2030 GMT
J.D. 067	Mar. 7, '84	1200 GMT - 1930 GMT
J.D. 072	Mar. 12, '84	1300 GMT - 1900 GMT
J.D. 073	Mar. 13, '84	1200 GMT - 2000 GMT
J.D. 076	Mar. 16, '84	1230 GMT - 2130 GMT
J.D. 082	Mar. 22, '84	1200 GMT - 2200 GMT
J.D. 087	Mar. 27, '84	1230 GMT - 1730 GMT
J.D. 093	Apr. 2, '84	1330 GMT - 2100 GMT
J.D. 100	Apr. 9, '84	1530 GMT - 2200 GMT
J.D. 104	Apr. 13, '84	1200 GMT - 1900 GMT
J.D. 109	Apr. 18, '84	1200 GMT - 2100 GMT
J.D. 116	Apr. 25, '84	1400 GMT - 2200 GMT
J.D. 123	May 2, '84	1230 GMT - 1900 GMT
J.D. 130	May 9, '84	1100 GMT - 1900 GMT
J.D. 131	May 10, '84	1430 GMT - 2100 GMT
J.D. 135	May 14, '84	1130 GMT - 2130 GMT
J.D. 142	May 21, '84	1400 GMT - 2000 GMT
J.D. 145	May 24, '84	1400 GMT - 1830 GMT





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Atlantic Marine Center
Hydrographic Field Parties Section
8 January 1985 N/MOA233 JWH

TO : N/OMS121 - Joe Mullin
FROM : N/MOA233 - Ronald W. Jones
Subject: Request for Tide Data

Robert Lewis

Survey work on OPR-H373-HFP-83 was continued during the fall of 1984. Please furnish smooth tide correctors and zoning information to Atlantic Marine Center, Electronic Data Processing Section (N/MOA231) for surveys H-10120, H-10086 and H-10125.

Smooth tide correctors should be obtained from Tide Station # 872-4580, at Key West Florida.

The following times of hydrography include 4 hours before and after actual on-line times.

<u>Julian Day</u>	<u>H-10120</u> <u>Begin(UTC)</u>	<u>End(UTC)</u>
303	1100	2200
304	1420	0030
305	1431	2339
325	1400	0000
331	1357	2230
332	1211	2202
338	1150	2151
	<u>H-10086</u>	
304	1135	1935
306	1052	2032
321	1125	2137
333	1138	2336
	<u>H-10125</u>	
310	1248	2353
319	1120	2232
335	1215	2326

