

DATE: 5/7/84

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-10120

Locality: Calda Channel, Key West, Florida

Time Period: November 17, 1983 - March 1, 1984

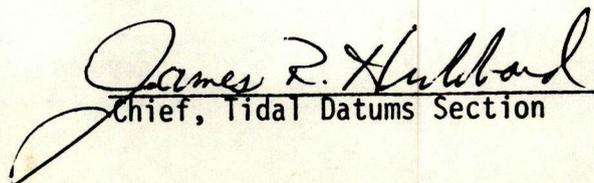
Tide Station Used: 872-4580 Key West, Florida

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

DATE: 07/09/84

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-10120

Locality: Calda Channel, Key West, Florida

Time Period: November 17, 1983 - May 23, 1984

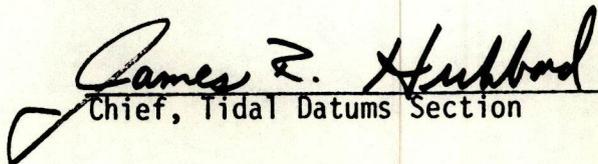
Tide Station Used: 872-4580 Key West, Florida

Plane of Reference (Mean Lower Low Water): 4.33 feet

Height of Mean High Water Above Plane of Reference: 1.6 feet

Remarks: Recommended Zoning:

Zone Direct

  
Chief, Tidal Datums Section

DATE: 02/12/85

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

TIDE NOTE FOR HYDROGRAPHIC SHEET

Marine Center: Atlantic

OPR: H 373

Hydrographic Sheet: H-10120

Locality: Calda Channel, Key West, Florida

Time Period: October 29-December 3, 1984

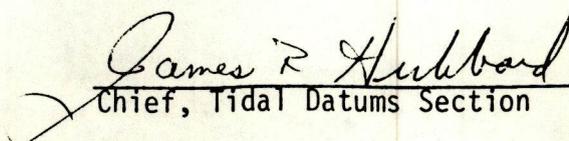
Tide Station Used: 872-4580 Key West, FL

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.



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

Atlantic Marine Center  
Hydrographic Field Parties Section

June 12, 1984      N/MOA233/BAL

To:            N/OMSI21 - Joe Mullin  
From:        N/MOA233 - Ronald W. Jones  
Subject:     Request for Tide Data

*Robert Lewis*

Please furnish smooth tide correctors and zoning information to Atlantic Marine Center, Electronic Data Processing Section (N/MOA231) for survey H-10120 (HFP-5-2-83), OPR-H373.

Smooth tide correctors should be obtained from Tide Station No. 872-4580, at Key West, Florida.

The following times of hydrography include two hours before and after actual on line times:

<u>JD (1983)</u>	<u>Begin (UTC)</u>	<u>End (UTC)</u>
321	1300	2100
322	1200	2000
326	1500	1930
346	1545	2215
347	1215	2115
348	1230	2130
353	1315	2100
354	1245	2130
356	1200	1730
<u>JD (1984)</u>	<u>Begin (UTC)</u>	<u>End (UTC)</u>
005	1330	2115
013	1500	2130
017	1315	2100



Subject: Request for tide data

<u>JD (1984)</u>	<u>Begin (UTC)</u>	<u>End (UTC)</u>
018	1345	1915
019	1530	2145
024	1530	2100
025	1300	1845
027	1430	1945
031	1230	2130
061	1430	2015
094	1225	1630
097	1200	2030
144	1145	1645



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

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

