

F00695

NOAA FORM 76-35A

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

DESCRIPTIVE REPORT

Type of Survey **Hydrographic Survey**
Project No. **OPR-G343-FH-17**
Registry No. **F00695**

LOCALITY

State **Florida**
General Locality **Jacksonville, FL**
Sub-locality **Inshore - Pilot Circle**

2017

CHIEF OF PARTY
Lieutenant Commander Matthew Jaskoski, NOAA

LIBRARY & ARCHIVES

DATE **September 9, 2017**

HYDROGRAPHIC TITLE SHEET

State: Florida

General Locality: Jacksonville, FL

Locality: Inshore-Pilot Circle

Scale: 1:40,000 Date of Survey: 08/31/2017 - 08/31/2017

Instructions Dated: January 11, 2016 Project Number: OPR-G343-FH-17

Vessels: NOAA Ship *Ferdinand R. Hassler*

Chiefs of Party: CDR Matthew Jaskoski

Surveyed by: NOAA Ship *Ferdinand R. Hassler* personnel

Soundings taken by echosounder: Reson Seabat 7125 MBES

Soundings in: Feet: X Fathoms: Meters: at MLW: MLLW: X

Remarks:

The purpose of this survey is to provide contemporary surveys to update National Ocean Service (NOS) nautical charts. All separates are filed with the hydrographic data. Any revisions to the Descriptive Report (DR) generated during office processing are shown in bold red italic text. The processing branch maintains the DR as a field unit product, therefore, all information and recommendations within the body of the DR are considered preliminary unless otherwise noted. The final disposition of surveyed features is represented in the OCS nautical chart update products. All pertinent records for this survey, including the DR, are archived at the National Centers for Environmental Information (NCEI) and can be retrieved via <https://www.ncei.noaa.gov/>.



DESCRIPTIVE REPORT MEMO

September 17, 2017

MEMORANDUM FOR: Atlantic Hydrographic Branch

FROM:

Matthew Jaskoski, LCDR/NOAA *Matthew Jaskoski*
Chief Hydrographer, NOAA Ship FERDINAND R. HASSLER

SUBJECT: Submission of Suvey F00695

The purpose of this survey is fill in gaps in coverage and finish feature investigations in H12976.

NOAA Ship Ferdinand R. Hassler provided raw (ie:.s7k), processed (ie: HDCS), and ancillary (ie: POS, SBET, RMS, SVP, Tides, FFF) data to the Atlantic Hydrographic Branch. A variable resolution surface was also submitted to the Atlantic Hydrographic Branch.

Soundings were reduced to Mean Lower Low Water (MLLW) using VDatum transformation using the model named VDatum_shapefile_cyNAD83-MLLW_geoid12b after 5P processing solution was applied via SBETs and RMS files.

All survey systems and methods utilized during this survey were as described in OPR-G343-FH-17_DAPR_v2.

There were no DTONs created for this survey.

All data were acquired by a NOAA or NOAA Contractor field unit

It is recommended that the features addressed in the final featured file submitted with survey H12976, which were previously surveyed by the NOAA Ship Ferdinand R. Hassler, be considered final and accurate with one exception. One feature was found to have a shallower least depth than previously surveyed and is addressed in the submitted final feature file for survey F00695.

This survey does meet charting specifications and is adequate to supersede prior data.

Survey data should be archived at NCEI and the DR memo forwarded to HSD.

Metadata for Survey F00695	
Project	OPR-G343-FH-17
Survey	F00695



State	Florida
Locality	Approaches to Jacksonville
Sub-Locality	Inshore- Pilot Circle
Scale of Survey	1:40000
Sonars Used	RESON SeaBat 7125 MBES
Horizontal Datum	North American Datum of 1983 (NAD83)
Vertical Datum	Mean Lower Low Water
Vertical Datum Correction	VDatum
Projection	UTM Zone 17N
Field Unit	NOAA Ship FERDINAND R. HASSLER
Survey Dates	NOAA Ship FERDINAND R. HASSLER
Survey Dates	08/31/2017
Chief of Party	LDCR Matthew Jaskoski
Submission Date	09/03/2017

APPENDIX I
TIDES AND WATER LEVELS



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Ocean Service
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE : May 05, 2017

HYDROGRAPHIC BRANCH: Atlantic
HYDROGRAPHIC PROJECT: OPR-G343-FH-17
HYDROGRAPHIC SHEET: H12976

LOCALITY: Inshore-Pilot Circle, Jacksonville, FL
TIME PERIOD: February 23, 2017 - March 12, 2017

TIDE STATION USED: 8720218 Mayport, FL
Lat. 30° 23.9'N Long. 81° 25.7' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.426 m

ESTIMATED ZONING ERROR: 0.25 meters

REMARKS: RECOMMENDED ZONING

Preliminary zoning is accepted as the final zoning for project OPR-G343-FH-17, H12976 for the time period between February 23 to March 12, 2017.

Please use the zoning file G343FH2017CORP submitted with the project instructions for OPR-G343-FH-17. Zones SA198, SA199 and SA200 are the applicable zones for H12976.

Refer to attachments for zoning information.

Note 1: Provided time series data are tabulated in metric units (meters), relative to MLLW and on Greenwich Mean Time on the 1983-2001 National Tidal Datum Epoch (NTDE).

HOVIS.GERALD.THOMAS.JR.1365860250

Digitally signed by
HOVIS.GERALD.THOMAS.JR.1365860250
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=OTHER,
cn=HOVIS.GERALD.THOMAS.JR.1365860250
Date: 2017.05.05 13:52:21 -04'00'

CHIEF, PRODUCTS AND SERVICES BRANCH



**Preliminary as Final Tidal Zoning for
OPR-G343-FH-2017, H12976
Inshore-Pilot Circle, Jacksonville, FL**

8720218 MAYPORT, FL

- SA196
- SA197
- SA198
- SA199
- SA200
- SA201
- SA202
- SA203
- SA204
- SA205
- SA206
- SA207
- SA208
- SA209



nautical miles



APPENDIX II

SUPPLEMENTAL SURVEY RECORDS AND CORRESPONDENCE



OPS.Ferdinand Hassler - NOAA Service Account <ops.ferdinand.hassler@noaa.gov>

F00695 DR Memo v. DR Summary

2 messages

CO.Ferdinand Hassler - NOAA Service Account <co.ferdinand.hassler@noaa.gov>

Sun, Sep 3, 2017 at 2:53 PM

To: Corey Allen - NOAA Federal <corey.allen@noaa.gov>

Cc: "OPS.Ferdinand Hassler" <ops.ferdinand.hassler@noaa.gov>

Hey Corey,
we'd like to submit a DR Memo instead of a DR summary for F00695. Considering there was a complete DR written for the parent survey less than 6 months ago, I can think of no good justification for a full DR summary. If there is a good reason let me know and we'll adjust our course on this, but the added administrative/processing overhead for a summary v. memo seems unnecessarily burdensome, sluggish, and redundant.

thanks,
Jasko

Lieutenant Commander Matthew Jaskoski, NOAA
Commanding Officer, NOAA Ship *Ferdinand R. Hassler* (S-250)
CO cell: (240) 687-4602
Ship's VIOP: (541) 867-8935
Sat Phone: (808) 851-3826
Personal cell: (757) 647-3356

Corey Allen - NOAA Federal <corey.allen@noaa.gov>

Tue, Sep 5, 2017 at 8:01 AM

To: "CO.Ferdinand Hassler - NOAA Service Account" <co.ferdinand.hassler@noaa.gov>

Cc: "OPS.Ferdinand Hassler" <ops.ferdinand.hassler@noaa.gov>, Kathryn Pridgen - NOAA Federal <kathryn.pridgen@noaa.gov>

Agreed. DR Memo is satisfactory to meet the reporting requirements for F00695. Please include this email in your supplemental correspondence as record of the change in reporting.

Regards, Corey

[Quoted text hidden]

--

J. Corey Allen
Chief (acting), Operations Branch
Hydrographic Surveys Division
Office of Coast Survey, NOAA
Corey.Allen@noaa.gov
240.533.0037 (Office)
301.717.7271 (Cell)
[Click here for information on our planned survey activities?](#)



OPS.Ferdinand Hassler - NOAA Service Account <ops.ferdinand.hassler@noaa.gov>

F00695 FFF

2 messages

OPS.Ferdinand Hassler - NOAA Service Account <ops.ferdinand.hassler@noaa.gov> Wed, Sep 6, 2017 at 2:18 PM
To: _NOS OCS HSD OPS <hsd.ops@noaa.gov>, Kathryn Pridgen - NOAA Federal <kathryn.pridgen@noaa.gov>
Cc: AHB Chief - NOAA Service Account <ahb.chief@noaa.gov>, Castle Parker - NOAA Federal <castle.e.parker@noaa.gov>, Tyanne Faulkes - NOAA Federal <tyanne.faulkes@noaa.gov>, CO HASSLER <co.ferdinand.hassler@noaa.gov>

All,

Just wanted to ask for clarification on how HSD OPS/AHB would like us to handle the FFF for F00695 the clean-up sheet from the first Jacksonville sheet H12976.

Of the (4) features assigned, we now have data that is shallower than the submitted VALSOU of H12976 on only (1) of those features. The magnitude of the difference is within the uncertainty of the soundings ~0.25m.

I propose that we submit a FFF with an updated VALSOU for this one feature and in the DR memo indicate that the submitted FFF for H12976 be used for all other features.

LT John Kidd
Field Operations Officer, NOAA Ship *Ferdinand R. Hassler*
29 Wentworth Road
New Castle, NH, 03854

Kathryn Pridgen - NOAA Federal <kathryn.pridgen@noaa.gov> Tue, Sep 12, 2017 at 3:17 PM
To: "OPS.Ferdinand Hassler - NOAA Service Account" <ops.ferdinand.hassler@noaa.gov>

LT Kidd,
I think your solution for the FFF for F00695 should work fine. Lets go with your suggestion unless I hear anything else back from AHB.

Katy

Kathryn "Katy" Pridgen
Physical Scientist
NOAA-HSD OPS
240-533-0033
kathryn.pridgen@noaa.gov
[Quoted text hidden]



OPS.Ferdinand Hassler - NOAA Service Account <ops.ferdinand.hassler@noaa.gov>

F00695 - Submission

4 messages

OPS.Ferdinand Hassler - NOAA Service Account <ops.ferdinand.hassler@noaa.gov> Mon, Sep 18, 2017 at 1:53 PM

To: Castle Parker - NOAA Federal <castle.e.parker@noaa.gov>

Cc: Kathryn Pridgen - NOAA Federal <kathryn.pridgen@noaa.gov>

Hey Gene,

Bobby had mentioned that you guys were wanting to get started on OPR-G343-FH-17 H12976 but are waiting on F00695. The survey is fully processed and DRed, just don't have a DAPR or Final Tides to deliver with it. If you guys are OK with accepting the survey without these items, I would be glad to walk it over to you guys this afternoon, (along with OPR-G309-FH-16 F00679 and F00697).

LT John Kidd
Field Operations Officer, NOAA Ship *Ferdinand R. Hassler*
29 Wentworth Road
New Castle, NH, 03854

OPS.Ferdinand Hassler - NOAA Service Account <ops.ferdinand.hassler@noaa.gov> Mon, Sep 18, 2017 at 2:02 PM

To: Castle Parker - NOAA Federal <castle.e.parker@noaa.gov>

Cc: Kathryn Pridgen - NOAA Federal <kathryn.pridgen@noaa.gov>

Gene,

Additionally, OPR-G309-FH-16 F00697, which is a quick feature disapproval, does not have a finalized tide package. The end result of this ERS referenced survey will probably just be the removal of said feature from the chart.

LT John Kidd
Field Operations Officer, NOAA Ship *Ferdinand R. Hassler*
29 Wentworth Road
New Castle, NH, 03854

[Quoted text hidden]

Castle Parker - NOAA Federal <castle.e.parker@noaa.gov> Mon, Sep 18, 2017 at 2:15 PM

To: "OPS.Ferdinand Hassler - NOAA Service Account" <ops.ferdinand.hassler@noaa.gov>

Cc: Briana Hillstrom - NOAA Federal <Briana.Hillstrom@noaa.gov>, Kathryn Pridgen - NOAA Federal <kathryn.pridgen@noaa.gov>

Hello John,

Funny thing is that F00695 is not included in the OPR-G343-FH-17 instructions and HSD OPS has not updated any of the project files. Per the signed PI, the final approved water levels are to be applied, but being an ERS survey the final approved water levels doesn't add value to the survey. Does the data have Verified water levels downloaded from COOPS or was it Preliminary Unverified? If so, the final water level correction was VDatum Separation model, then recommend to submit with whatever discrete zoning water levels are applied to the bathy data.

The DAPR was submitted with H12976; isn't F695 part of the same project? The G343 DAPR as submitted with H12976 is applicable to F695.

Regarding F00697 associated with OPR-G309, send it without the approved water levels since it is related to feature disapproval; AHB won't hold the FH as non-compliant regarding approved water levels.

This work for you?

gp

From: OPS.Ferdinand Hassler - NOAA Service Account [mailto:ops.ferdinand.hassler@noaa.gov]
Sent: Monday, September 18, 2017 2:03 PM
To: Castle Parker - NOAA Federal <castle.e.parker@noaa.gov>
Cc: Kathryn Pridgen - NOAA Federal <kathryn.pridgen@noaa.gov>
Subject: Re: F00695 - Submission

[Quoted text hidden]

OPS.Ferdinand Hassler - NOAA Service Account <ops.ferdinand.hassler@noaa.gov> Mon, Sep 18, 2017 at 2:47 PM
To: Castle Parker - NOAA Federal <castle.e.parker@noaa.gov>
Cc: Briana Hillstrom - NOAA Federal <Briana.Hillstrom@noaa.gov>, Kathryn Pridgen - NOAA Federal <kathryn.pridgen@noaa.gov>

Gene,


F00695: Just preliminary tides, but like you said, data is referenced to the ellipse so it doesn't add anything to the data.

DAPR: Because the alongside repair period was so invasive, the ship re-HSRRed so we will be generating a new DAPR. Should be ready to submit with H12977 here pretty soon.

Will add this email to correspondence folder and bring the surveys over now.

LT John Kidd
Field Operations Officer, NOAA Ship *Ferdinand R. Hassler*
29 Wentworth Road
New Castle, NH, 03854

[Quoted text hidden]

 **OPR-G343-FH-17_change1.pdf**
4142K

APPROVAL PAGE

F00695

Data meet or exceed current specifications as certified by the OCS survey acceptance review process. Descriptive Report and survey data except where noted are adequate to supersede prior surveys and nautical charts in the common area.

The following products will be sent to NCEI for archive

- F00695_DR.pdf
- Collection of depth varied resolution BAGS
- Processed survey data and records
- F00695_GeoImage.pdf

The survey evaluation and verification has been conducted according current OCS Specifications, and the survey has been approved for dissemination and usage of updating NOAA's suite of nautical charts.



Digitally signed by
HILLSTROM.BRIANA.WELTON.
1267667531
Date: 2018.06.22 10:37:28
-04'00'

Approved: _____

Commander Briana W. Hillstrom, NOAA
Chief, Atlantic Hydrographic Branch