

D00231

NOAA Form 76-35A

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Ocean Survey

DESCRIPTIVE REPORT

Type of Survey: National Response Survey

Registry Number: D00231

LOCALITY

State: Texas

General Locality: Matagorda Bay

Sub-locality: Matagorda Ship Channel

2017

CHIEF OF PARTY
James Kirkpatrick

LIBRARY & ARCHIVES

Date:

HYDROGRAPHIC TITLE SHEET

D00231

INSTRUCTIONS: The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

State: **Texas**

General Locality: **Matagorda Bay**

Sub-Locality: **Matagorda Ship Channel**

Scale: **1:10,000**

Dates of Survey: **09/01/2017**

Instructions Dated: **09/03/2017**

Project Number: **S-K915-NRT2-17**

Field Unit: **National Response Team 2**

Chief of Party: **James Kirkpatrick**

Soundings by: **Multibeam Echo Sounder**

Imagery by: **Multibeam Echo Sounder Imagery**

Verification by: **Pacific Hydrographic Branch**

Soundings Acquired in: **meters at Mean Lower Low Water**

Remarks:

The purpose of this survey is to respond to requests for hydrographic surveys to reopen the Matagorda Ship Channel due to the effects of Hurricane Harvey. 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 <http://www.ncei.noaa.gov/>.

DESCRIPTIVE REPORT MEMO

October 25, 2017

MEMORANDUM FOR: Pacific Hydrographic Branch

FROM: James Kirkpatrick
Acting Team Lead, NRT2

SUBJECT: Submission of Suvey D00231

The purpose of this survey is to respond to requests for hydrographic surveys to reopen the Matagorda Ship Channel due to the effects of Hurricane Harvey. The survey limits and methods (i.e., sensors used) will be determined by the Team Lead in consult with the NRB Chief and NOAA Navigation Manager. Data will be collected in the most efficient manner to provide USCG information that is critical to make real-time decisions on channel and/or port closures and openings. The data from this survey are not intended to meet NOAA charting specifications, and are not intended to be applied to the nautical chart with the exception of hazards to navigation (i.e., DTONs), subject to branch review.

All products from D00231 were disseminated directly to the navigation manager and USACE.

Soundings were reduced to Mean Lower Low Water (MLLW) using observed tides from 8773037, 8773259, 8773701, 8774230, 8775237, 8775296, 8775792, 8776604, 8777812, 8779748, 8779749 and 8779770 and TCARI provided by CO-OPS from a 2017 survey of this area D00229_D00231_Final.tc.

All survey systems and methods utilized during this survey were as described in S-K915-NRT2-17_DAPR. SSS was collected through Hypack rather than Discover.

There were no DTONs created for this survey.

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

NRT2 surveyed the Matagorda shipping channel from just NW of the jetties SE to the sea buoy. Matagorda Bay Entrance Light had been damaged during the course of the storm and NRT2 was tasked with eliminating the possibility that it had fallen into the shipping channel. During acquisition no possible contacts were noted. Upon secondary review of the imagery a possible contact was located well outside of the channel and the information was passed along to the navigation manager and USACE. USACE deployed a vessel equipped with SSS but was unable to repeat locating the contact. After consulting with our stakeholders the decision was made to not issue a DTON on the item. No other significant contacts were noted and all depths were in agreement with the previously charted soundings.

This survey does not meet charting specifications and is not adequate to supersede prior data. This data is not intended to supersede prior data with the exception of dangers to Navigation, per the project instructions.

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

Metadata for Survey D00231	
Project	S-K915-NRT2-17
Survey	D00231
State	Texas
Locality	Matagorda Bay
Sub-Locality	Matagorda Ship Channel
Scale of Survey	1:10000
Sonars Used	Edgetech 4125 Side Scan Sonar Kongsberg EM2040C Multibeam Echo Sounder
Horizontal Datum	North American Datum of 1983 (NAD83)
Vertical Datum	Mean Lower Low Water
Vertical Datum Correction	TCARI
Projection	UTM Zone 14N
Field Unit	NRT2
Survey Dates	09/01/2017
Chief of Party	James Kirkpatrick
Submission Date	10/25/2017

KIRKPATRICK.JAME
S.LEROY.IV.140048
7398

Digitally signed by
KIRKPATRICK.JAMES.LEROY.IV.14
00487398
Date: 2018.04.05 14:38:49 -04'00'



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

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: March 01, 2018

HYDROGRAPHIC BRANCH: Pacific

HYDROGRAPHIC PROJECT: S-K915-NRT2-2017

HYDROGRAPHIC SHEET: D00231

LOCALITY: Matagorda Ship Channel, Matagorda Bay, TX

TIME PERIOD: September 1-2, 2017

TIDE STATION USED: 8773701 Port O'Connor, TX

Lat. 28° 26.8' N Long. 96° 23.8' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.222 meters

TIDE STATION USED: 8773767 Matagorda Bay Entrance, TX

Lat. 28° 25.6' N Long. 96° 19.8' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.365 meters

TIDE STATION USED: 8775237 Port Aransas, TX

Lat. 27° 50.3' N Long. 97° 04.4' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.302 meters

TIDE STATION USED: 8775296 USS Lexington, TX

Lat. 27° 48.7' N Long. 97° 23.4' W

PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 meters

HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.177 meters

REMARKS: RECOMMENDED GRID

Please use the TCARI grid "D00229_D00231_Final.tc" as the final grid for project S-K915-NRT2-2017, D00231, during the time period between September 1 and September 2, 2017.

Refer to attachments for grid 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
Date: 2018.03.05 17:45:53 -05'00'

CHIEF, PRODUCTS AND SERVICES BRANCH



**Final TCARI Grid for S-K915-NRT2-2017, D00231
Matagorda Ship Channel, Matagorda Bay, TX**

8773701 Port O'Connor

8773767 Matagorda Bay Entrance Channel, TX

8775237 Port Aransas

8775296 USS Lexington

Corpus Christi

Gulf of Mexico



James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

NOAA NRT-2

2 messages

Johnson, Darrell W CIV USARMY CESWG (US) <Darrell.W.Johnson@usace.army.mil> Thu, Aug 31, 2017 at 3:53 PM
To: "tim.osborn@noaa.gov" <tim.osborn@noaa.gov>, "James.kirkpatrick@noaa.gov" <James.kirkpatrick@noaa.gov>
Cc: "Smith, Andrew N CIV USARMY CESWG (US)" <andrew.n.smith@usace.army.mil>

Tim / James,

I'd like to push ya'll on up the coast to Matagorda Ship Channel & get a good look at the Jetties there with multi-beam & side scan...USACE has three 26' boats moving east bound on the GIWW...Highway 35 is open to Port Lavaca...no road closures.

Thank you for all of your help in this effort.

V/R,
Darrell W. Johnson
Survey Coordinator
USACE Galveston District
Corpus Christi Resident Office
361-884-3385 Ext:2011

Tim Osborn - NOAA Federal <tim.osborn@noaa.gov> Thu, Aug 31, 2017 at 5:25 PM
To: "Johnson, Darrell W CIV USARMY CESWG (US)" <Darrell.W.Johnson@usace.army.mil>
Cc: "James.kirkpatrick@noaa.gov" <James.kirkpatrick@noaa.gov>, "Smith, Andrew N CIV USARMY CESWG (US)" <andrew.n.smith@usace.army.mil>, Christy Fandel <christina.fandel@noaa.gov>, Michael Davidson <michael.davidson@noaa.gov>, holly.jablonski@noaa.gov, James Crocker - NOAA Federal <james.m.crocker@noaa.gov>, Rick Brennan <richard.t.brennan@noaa.gov>, corey.allen@noaa.gov

Got it

[Quoted text hidden]



James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Matagorda Signed PIs

2 messages

Christopher Hare - NOAA Federal <christopher.hare@noaa.gov>
To: James Kirkpatrick <James.Kirkpatrick@noaa.gov>
Cc: Chief NRB OCS - NOAA Service Account <chief.nrb.ocs@noaa.gov>

Mon, Sep 4, 2017 at 7:24 AM


James,

Signed PIs for Matagorda Response.

Chris

--

Chris Hare
Physical Scientist
Navigation Response Branch
Navigation Services Division
NOAA's Office of Coast Survey
240-533-0065

 **S-K915-NRT2-17_Pi - signed.pdf**
3323K

James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>


Mon, Sep 4, 2017 at 9:04 AM

To: Lucas Blass - NOAA Affiliate <lucas.blass@noaa.gov>, Alex Ligon - NOAA Federal <alex.c.ligon@noaa.gov>

[Quoted text hidden]

--

James Kirkpatrick
Acting Team Lead NRT2
904-310-9208
757-903-7199

 **S-K915-NRT2-17_Pi - signed.pdf**
3323K



James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Fwd: [EXTERNAL] side scan surveys of MSC jetty channel

7 messages

Lucas Blass - NOAA Federal <lucas.blass@noaa.gov>
To: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Wed, Sep 20, 2017 at 1:55 PM

----- Forwarded message -----

From: Lucas Blass - NOAA Federal <lucas.blass@noaa.gov>
Date: Wed, Sep 20, 2017 at 11:16
Subject: Re: [EXTERNAL] side scan surveys of MSC jetty channel
To: Captain David Adrian <david@matagordabaypilots.com>, Johnson, Darrell W CIV USARMY CESWG (US) <Darrell.W.Johnson@usace.army.mil>
CC: Duke, Matthew A CIV USARMY CESWG (US) <Matthew.A.Duke@usace.army.mil>, Edwards, Aron S CIV USARMY CESWG (US) <Aron.S.Edwards@usace.army.mil>, tim.osborn@noaa.gov <tim.osborn@noaa.gov>

Good morning,

NRT2 saw no obstructions in that area. Darrell should be able to forward the sidescan data we collected.

Thanks,
Lucas Blass

On Wed, Sep 20, 2017 at 10:38 Captain David Adrian <david@matagordabaypilots.com> wrote:
Good Morning,

We never received any written confirmation that the jetties were clear of any obstructions (i.e. north jetty range marker) Can you please confirm.

Thanks,
David

> On Sep 4, 2017, at 1:07 PM, Johnson, Darrell W CIV USARMY CESWG (US) <Darrell.W.Johnson@usace.army.mil> wrote:

>

> Gentlemen,

>

> The NOAA NRT-2 did perform side scan & multi-beam surveys throughout the jetty channel on Matagorda Ship Channel, they are reviewing back over the imagery that they collected now & will advise soon as possible.

>

> Tim / Lucas let me know if ya'll need any more information than what I texted earlier.

>

> V/R,

> Darrell W. Johnson

> Survey Coordinator

> USACE Galveston District

> Corpus Christi Resident Office

> 361-884-3385 Ext:2011

> 361-553-9307 Cell

>

>

>

>

> -----Original Message-----

> From: Captain David Adrian [mailto:david@matagordabaypilots.com]

> Sent: Monday, September 04, 2017 12:35 PM

> To: Edwards, Aron S CIV USARMY CESWG (US) <Aron.S.Edwards@usace.army.mil>

> Cc: Duke, Matthew A CIV USARMY CESWG (US) <Matthew.A.Duke@usace.army.mil>; Johnson, Darrell W CIV

USARMY CESWG (US) <Darrell.W.Johnson@usace.army.mil>

> Subject: [EXTERNAL] Re: side scan surveys of MSC jetty channel

>

> Aron

>

> I see some type of attachment to your email but I can't open it

>

> -David

>

>> On Sep 4, 2017, at 12:06, Edwards, Aron S CIV USARMY CESWG (US) <Aron.S.Edwards@usace.army.mil> wrote:

>>

>> Thank you Matt.

>>

>> Aron Edwards

>> Operations Manager

>> Navigation Branch

>> USACE, Galveston District

>> P.O. Box 1229

>> Galveston, Texas 77553-1229

>> 409-766-3028 (office)

>> 409-974-0342 (cell)

>>

>>

>> -----Original Message-----

>> From: Duke, Matthew A CIV USARMY CESWG (US)

>> Sent: Monday, September 04, 2017 11:54 AM

>> To: Edwards, Aron S CIV USARMY CESWG (US) <Aron.S.Edwards@usace.army.mil>; Adrian,David (CPT) <david@matagordabaypilots.com>; Johnson, Darrell W CIV USARMY CESWG (US) <Darrell.W.Johnson@usace.army.mil>

>> Subject: RE: side scan surveys of MSC jetty channel

>>

>> Hey Aron,

>>

>> Darrell did have that area scanned and it was reported to him that they didn't see anything. He's going to have them review the scans... he can talk more to that.

>>

>> We do have a couple SSS boats in that area if we need to look at it again.

>>

>>

>> - Matt

>>

>> -----

>> Matthew Duke, GISP

>> Chief, Hydrographic Survey Section

>> U.S. Army Corps of Engineers Galveston District

>> Office: 409.766.3968

>> Cell: 409.795.0524

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>> -----Original Message-----

>> From: Edwards, Aron S CIV USARMY CESWG (US)

>> Sent: Monday, September 04, 2017 11:09 AM

>> To: Duke, Matthew A CIV USARMY CESWG (US) <Matthew.A.Duke@usace.army.mil>; Adrian,David (CPT) <david@matagordabaypilots.com>

>> Subject: FW: side scan surveys of MSC jetty channel

>>

>>

>>

>> Matt, do we have side scan surveys of the MSC jetty channel? Captain Adrian is asking and he said the range marker fell off of the jetty and he thinks it may be in the channel. He doesn't want to hit it with the pilot boat.

>>
>> Aron Edwards
>> Operations Manager
>> Navigation Branch
>> USACE, Galveston District
>> P.O. Box 1229
>> Galveston, Texas 77553-1229
>> 409-766-3028 (office)
>> 409-974-0342 (cell)
>>
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>> <winmail.dat>
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Johnson, Darrell W CIV USARMY CESWG (US) <Darrell.W.Johnson@usace.army.mil> Mon, Sep 25, 2017 at 11:54 AM

To: "Adrian,David (CPT)" <david@matagordabaypilots.com>

Cc: "Edwards, Aron S CIV USARMY CESWG (US)" <Aron.S.Edwards@usace.army.mil>, "Duke, Matthew A CIV USARMY CESWG (US)" <Matthew.A.Duke@usace.army.mil>, "tim.osborn@noaa.gov" <tim.osborn@noaa.gov>, Lucas Blass - NOAA Federal <lucas.blass@noaa.gov>, "James.kirkpatrick@noaa.gov" <James.kirkpatrick@noaa.gov>, "Smith, Andrew N CIV USARMY CESWG (US)" <andrew.n.smith@usace.army.mil>, "collin.t.sykes@uscg.mil" <collin.t.sykes@uscg.mil>, "russell.t.pickering@uscg.mil" <russell.t.pickering@uscg.mil>

Gentlemen,

I received the following update from Tim Osborn with NOAA this morning. USACE will get on location to see if we can get another look at this target and will provide more details.

The subject target is clear of the Federal Channel by the provided coordinates.

Tim, Lucas & James thank you for the provided information.

V/R,
Darrell W. Johnson
Survey Coordinator
USACE Galveston District
Corpus Christi Resident Office
361-884-3385 Ext:2011

Darrell

For your attention. Can you loop in USCG?

Regards to all.

Tim

From: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov <mailto:james.kirkpatrick@noaa.gov> >
To: _NOS OCS NSD Response <nsd.response@noaa.gov <mailto:nsd.response@noaa.gov> >, Tim Osborn - NOAA Federal <tim.osborn@noaa.gov <mailto:tim.osborn@noaa.gov> >, Chief NRB OCS - NOAA Service Account <chief.nrb.ocs@noaa.gov <mailto:chief.nrb.ocs@noaa.gov> >
Subject: Possible Location of Matagorda Entrance Light Tower

Tim,

While reviewing our data from the Matagorda Shipping Channel I found an object 171 meters outside of the channel that has the potential to be the missing Entrance Light. Unfortunately the object fell just outside of our multibeam coverage so we are unable to provide a least depth. Please advise if ACOE will be removing this obstruction or if I should issue a DTON.

Best,

James

--

James Kirkpatrick
Acting Team Lead NRT2
904-310-9208
757-903-7199

-----Original Message-----

From: Captain David Adrian [mailto:david@matagordabaypilots.com]

Sent: Wednesday, September 20, 2017 9:38 AM

To: Johnson, Darrell W CIV USARMY CESWG (US) <Darrell.W.Johnson@usace.army.mil>

Cc: Edwards, Aron S CIV USARMY CESWG (US) <Aron.S.Edwards@usace.army.mil>; Duke, Matthew A CIV USARMY CESWG (US) <Matthew.A.Duke@usace.army.mil>; tim.osborn@noaa.gov; Lucas Blass - NOAA Federal <lucas.blass@noaa.gov>

Subject: Re: [EXTERNAL] side scan surveys of MSC jetty channel

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968K

Tim Osborn - NOAA Federal <tim.osborn@noaa.gov>

Mon, Sep 25, 2017 at 11:58 AM

To: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Cc: Christy Fandel <christina.fandel@noaa.gov>, Holly Joblonski <chief.nrb.ocs@noaa.gov>

Information forwarded

From: "Johnson, Darrell W CIV USARMY CESWG (US)" <Darrell.W.Johnson@usace.army.mil>
To: "Adrian,David (CPT)" <david@matagordabaypilots.com>
Cc: "Edwards, Aron S CIV USARMY CESWG (US)" <Aron.S.Edwards@usace.army.mil>, "Duke, Matthew A CIV USARMY CESWG (US)" <Matthew.A.Duke@usace.army.mil>, "tim.osborn@noaa.gov" <tim.osborn@noaa.gov>, Lucas Blass - NOAA Federal <lucas.blass@noaa.gov>, "James.kirkpatrick@noaa.gov" <James.kirkpatrick@noaa.gov>, "Smith, Andrew N CIV USARMY CESWG (US)" <andrew.n.smith@usace.army.mil>, "collin.t.sykes@uscg.mil" <collin.t.sykes@uscg.mil>, "russell.t.pickering@uscg.mil" <russell.t.pickering@uscg.mil>
Subject: RE: [EXTERNAL] side scan surveys of MSC jetty channel

[Quoted text hidden]

2 attachments

 **noname.html**
1K

 **D00231_Obstruction_Chartlet.pptx**
968K

Captain David Adrian <david@matagordabaypilots.com>

Mon, Sep 25, 2017 at 1:02 PM

To: "Johnson, Darrell W CIV USARMY CESWG (US)" <Darrell.W.Johnson@usace.army.mil>

Cc: "Edwards, Aron S CIV USARMY CESWG (US)" <Aron.S.Edwards@usace.army.mil>, "Duke, Matthew A CIV USARMY CESWG (US)" <Matthew.A.Duke@usace.army.mil>, "tim.osborn@noaa.gov" <tim.osborn@noaa.gov>, Lucas Blass - NOAA Federal <lucas.blass@noaa.gov>, "James.kirkpatrick@noaa.gov" <James.kirkpatrick@noaa.gov>, "Smith, Andrew N CIV USARMY CESWG (US)" <andrew.n.smith@usace.army.mil>, "collin.t.sykes@uscg.mil" <collin.t.sykes@uscg.mil>, "russell.t.pickering@uscg.mil" <russell.t.pickering@uscg.mil>, boats@matagordabaypilots.com, Mike Clifton <captjmc@hotmail.com>, pilots@matagordabaypilots.com

I'm thinking that is the range marker. Would make sense for it to fall inside the jetties with the way the wind was blowing at landfall. Local fisherman are already saying they are hanging up on it.

-David

[Quoted text hidden]

> <D00231_Obstruction_Chartlet.pptx>

Christy Fandel <christina.fandel@noaa.gov>

Mon, Sep 25, 2017 at 5:29 PM

To: Tim Osborn - NOAA Federal <tim.osborn@noaa.gov>

Cc: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>, Holly Joblonski <chief.nrb.ocs@noaa.gov>

Tim,

Thank you for passing this along to the appropriate USACE and USCG individuals.

Christy

[Quoted text hidden]

--

Acting Chief, Customer Affairs Branch / COR III

Navigation Services Division

Office of Coast Survey, NOAA

240-533-0032 (New Number)

704-995-6481 (Cell)

Johnson, Darrell W CIV USARMY CESWG (US) <Darrell.W.Johnson@usace.army.mil>

Wed, Oct 4, 2017 at 1:41 PM

To: "Adrian,David (CPT)" <david@matagordabaypilots.com>

Cc: "Edwards, Aron S CIV USARMY CESWG (US)" <Aron.S.Edwards@usace.army.mil>, "Duke, Matthew A CIV USARMY CESWG (US)" <Matthew.A.Duke@usace.army.mil>, "tim.osborn@noaa.gov" <tim.osborn@noaa.gov>, Lucas Blass - NOAA Federal <lucas.blass@noaa.gov>, "James.kirkpatrick@noaa.gov" <James.kirkpatrick@noaa.gov>, "Smith, Andrew N CIV USARMY CESWG (US)" <andrew.n.smith@usace.army.mil>, "collin.t.sykes@uscg.mil" <collin.t.sykes@uscg.mil>, "russell.t.pickering@uscg.mil" <russell.t.pickering@uscg.mil>

Gentlemen,

On Friday the 29th of September USACE Corpus Christi conducted side scan surveys in the subject area with no targets located. We searched 400' North from the original USCG North Range Marker location on the Jetties to 1800' South & out to the Ship Channel with no targets discovered. We also concentrated heavily within the possible target location provided by NOAA unfortunately we were unable to locate any objects during this side scan survey operation.

The USACE Survey Vessel Vannoy will be deploying to Port O'Connor early next week as we will be conducting surveys for the Hopper Dredge Bayport on the Outer Bar Channel while the Vannoy is in the area we will continue to conduct side scan surveys throughout the area in search of the missing USCG Range.

The attached photo is about 2000' feet down the beach from the North Jetty.

V/R,

Darrell W. Johnson

Survey Coordinator

USACE Galveston District

Corpus Christi Resident Office

361-884-3385 Ext:2011

361-553-9307 Cell

-----Original Message-----

From: Johnson, Darrell W CIV USARMY CESWG (US)

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IMG_0133.jpg
2186K

Captain David Adrian <david@matagordabaypilots.com>

Wed, Oct 4, 2017 at 6:05 PM

To: "Johnson, Darrell W CIV USARMY CESWG (US)" <Darrell.W.Johnson@usace.army.mil>

Cc: "Edwards, Aron S CIV USARMY CESWG (US)" <Aron.S.Edwards@usace.army.mil>, "Duke, Matthew A CIV USARMY CESWG (US)" <Matthew.A.Duke@usace.army.mil>, "tim.osborn@noaa.gov" <tim.osborn@noaa.gov>, Lucas Blass - NOAA Federal <lucas.blass@noaa.gov>, "James.kirkpatrick@noaa.gov" <James.kirkpatrick@noaa.gov>, "Smith, Andrew N CIV USARMY CESWG (US)" <andrew.n.smith@usace.army.mil>, "collin.t.sykes@uscg.mil" <collin.t.sykes@uscg.mil>, "russell.t.pickering@uscg.mil" <russell.t.pickering@uscg.mil>

Darrell,

Thank you so much. I will inform my men they can now run the north Jetty in the pilot boat with confidence. You attached photo is Buoy 4 which broke loose during a storm roughly seven years ago. It is now a tourist attraction for the islanders. .

-David

[Quoted text hidden]

> <IMG_0133.jpg>



James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Possible Location of Matagorda Entrance Light Tower

17 messages

James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov> Mon, Sep 25, 2017 at 10:11 AM
To: "_NOS OCS NSD Response" <nsd.response@noaa.gov>, Tim Osborn - NOAA Federal <tim.osborn@noaa.gov>, Chief NRB OCS - NOAA Service Account <chief.nrb.ocs@noaa.gov>

Tim,

While reviewing our data from the Matagorda Shipping Channel I found an object 171 meters outside of the channel that has the potential to be the missing Entrance Light. Unfortunately the object fell just outside of our multibeam coverage so we are unable to provide a least depth. Please advise if ACOE will be removing this obstruction or if I should issue a DTON.

Best,

James

--

James Kirkpatrick
Acting Team Lead NRT2
904-310-9208
757-903-7199

 **D00231_Obstruction_Chartlet.pptx**
968K

Tim Osborn - NOAA Federal <tim.osborn@noaa.gov> Mon, Sep 25, 2017 at 11:12 AM
To: "Johnson, Darrell W CIV USARMY Ceswg" <darrell.w.johnson@usace.army.mil>
Cc: Christina Fandel <christina.fandel@noaa.gov>, James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Darrell

For your attention. Can you loop in USCG?

Regards to all.

Tim

From: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>
To: "_NOS OCS NSD Response" <nsd.response@noaa.gov>, Tim Osborn - NOAA Federal <tim.osborn@noaa.gov>, Chief NRB OCS - NOAA Service Account <chief.nrb.ocs@noaa.gov>
Subject: Possible Location of Matagorda Entrance Light Tower

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2 attachments

 **noname.html**
1K

 **D00231_Obstruction_Chartlet.pptx**
968K

Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>
To: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Mon, Sep 25, 2017 at 3:50 PM

James,

Thanks for providing this for the missing Matagorda entrance light. Can you give me a quick status update on where you are with SSS products for Corpus pilots and grids for IRMA response? Please let me know if there is anything that I can do to assist.

Thanks,
Mike

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--

Michael C. Davidson
Operations Manager
NOAA Office of Coast Survey
Navigation Response Branch
1315 East West Hwy, SSMC3, Sta 6216 ***new station number***
Silver Spring, MD 20910
240-533-0058 office ***new office number***
757-771-5305 work cell
michael.davidson@noaa.gov


James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>
To: Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>

Tue, Sep 26, 2017 at 9:42 AM

Attached is a GeoPDF of Matagorda for your review.

james

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 **D00231_Matagorda.pdf**
2300K


James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>
To: Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>

Tue, Sep 26, 2017 at 9:44 AM

Actually here is one with some layers hidden upon opening.

James

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 **D00231_Matagorda.pdf**
2304K

Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>
To: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Tue, Sep 26, 2017 at 9:46 AM

A bit difficult to read the numbers...

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Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>
To: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Tue, Sep 26, 2017 at 9:48 AM

James,

This looks good, with the one exception that the soundings are large and overlap one another. It may be necessary to do an overplot removal so individual soundings can be seen. Other than that, nice work!

R,

Mike

[Quoted text hidden]


James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>
To: Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>

Tue, Sep 26, 2017 at 10:22 AM

Attached with better soundings.

James

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 **D00231_Matagorda.pdf**
2412K

Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>
To: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Tue, Sep 26, 2017 at 11:12 AM

James,

This looks good. I don't think it is necessary to make any additional changes to this one. One recommendation for any future GeoPDFs is to use a dark blue and slightly smaller font for the survey scale soundings. Doing this provides more contrast with the charted soundings and makes it easier for the end user to distinguish between the two. Otherwise, great job on this!

Thanks,
Mike

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James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>
To: Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>

Tue, Sep 26, 2017 at 4:14 PM

Mike,

Can you take a look at this? I'm going a little cross-eyed here.

Thanks,

James

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 **D00229_Contact_Report.pptx**
4346K

Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>
To: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Tue, Sep 26, 2017 at 4:37 PM

James,

I appears that the SSS image on the first two slides are the same image, but the chart shows the swath if a different locations. It looks like maybe the slide was copied and everything was updated except for the SSS image. Otherwise, from a quick glance through it looks good. Do you have a mosaic of the areas surveyed on that day? I think something showing the coverage will be much appreciated by the pilots.

Once you have corrected the duplicate SSS image, please email it back to me and I will record the features in our tracking spreadsheet, save to PDF, and send it to Corpus pilots. I'll copy you, Tim, and the NSD response email.

Thanks,
Mike

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Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>
To: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Tue, Sep 26, 2017 at 4:54 PM

I should have looked a little closer at slides 1 and 2. The written position is the same on both slides, and the written description is the same as well. I'm not sure which of the two slides are correct, but those two need to be looked at. The other slides appear to be good. Sorry I missed the written position and the descriptions in my earlier email.

[Quoted text hidden]

James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>
To: Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>

Tue, Sep 26, 2017 at 5:06 PM

Ok, thanks for catching that.

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Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>
To: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Wed, Sep 27, 2017 at 12:26 PM

James,

Did you get a chance to get slides 1 and 2 for Port Aransas area sorted out? If so, I would like to get all those features logged and pass them to the constituents.

Do you have a rough estimate on when the surfaces will be ready for Tampa Cuts C,D,E,F and St Pete?

Thanks for all the hard work!

Mike

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James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>
To: Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>

Wed, Sep 27, 2017 at 12:28 PM

I have the slides and was just finishing up a pdf for you. You'll have them shortly

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Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>
To: James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>

Wed, Sep 27, 2017 at 1:21 PM

Sounds great - thanks!

[Quoted text hidden]


James Kirkpatrick - NOAA Federal <james.kirkpatrick@noaa.gov>
To: Michael Davidson - NOAA Federal <michael.davidson@noaa.gov>

Wed, Sep 27, 2017 at 1:32 PM


Here are the revised contact slides and one PDF for Port Aransas and one for the CC channel. I'll be working on Tampa now and will send along when complete.

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3 attachments

 **D00229_CC.pdf**
4944K

 **D00229_Contact_Report.pptx**
4674K

 **D00229_Port_Aransas.pdf**
4350K

APPROVAL PAGE

D00231

Data meets current specifications as determined by the OCS survey acceptance review process, but is not intended to update chart soundings. The survey will not be applied to current NOAA charting products, but should be included in the NBS.

The following products will be sent to NCEI for archive:

- D00231_DR.pdf
- Processed survey data and records
- Gridded BAGs
- Backscatter Mosaics
- GeoImage.PDF

The survey evaluation and verification has been conducted according to current OCS specifications and procedures.

Approved: _____

Kurt Brown

Physical Scientist, Pacific Hydrographic Branch

The survey has not been approved for chart sounding updates. The data will be archived at NCEI so that it can be made available for other uses.

Approved: _____

CDR Olivia Hauser, NOAA

Chief, Pacific Hydrographic Branch