

F00476

ONOA FORM 76-35A

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

DESCRIPTIVE REPORT

Type of Survey **FIELD EXAMINATION**

Registry No. **F00476**

LOCALITY

State **LOUISIANA**

General Locality **Mississippi River**

Sub-locality **New Orleans**

2001

CHIEF OF PARTY

LIBRARY & ARCHIVES

DATE

NOAA FORM 77-28
U.S. DEPARTMENT OF COMMERCE
(11-72)
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

REGISTRY NUMBER:

F00476

HYDROGRAPHIC TITLE SHEET

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: **LOUISIANA**

General Locality: **Mississippi River**

Sub-Locality: **New Orleans**

Scale: **1:10,000** Date of Survey: **4/17/01 to 8/7/01**

Instructions Dated: **3/20/01** Project Number: **OPR-K406-NRB**

Vessel: **Navigation Response Team 2 - Launch 1210**

Chief of Party: **David B. Elliot**

Surveyed by: **David B. Elliot, Mark J. McMann, Robert W. Ramsey**

Soundings by: **Innerspace 448 Depth sounder**

Graphic record scaled by: **DBE, MJM, RWR**

Graphic record checked by: **DBE, MJM, RWR**

Protracted by: **N/A** Automated Plot: **HP-2500CP**

Verification by: **Atlantic Hydrographic Branch Personnel**

Soundings in: **Meters feet at LWRP**

Remarks:

Projection is UTM Zone 15.

Red notes in the Descriptive Report were made during office processing

FIELD EXAMINATION REPORT
to Accompany
Hydrographic Survey F00476
OPR-K406-NRB
1:10,000 - 2001
NAVIGATION SERVICES DIVISION
Navigation Response Team 2 – Launch 1210
Capt. John Wilder, Chief - NOAA

This examination was conducted according to Port Instructions OPR-K406-NRB, Mississippi River New Orleans to Baton Rouge dated March 20, 2001.

The purpose of Field Examination F00476 is to acquire high accuracy positions on piers and other cultural features and to investigate and resolve discrepancies that exist on National Ocean Service (NOS) charts 11364, 11367, 11368 and 11370 on the Mississippi River from the port of New Orleans to Baton Rouge. Results from the investigations will be used to provide information for nautical chart updates and ENC data capture for the inclusion to nautical and vector charts.

In addition, the project will address specific requests from the Crescent River Port Pilots Association, and the United States Coast Guard.

A. AREA SURVEYED

There was no sheet letter designated for this project.

The approximate survey area limits are:

Downriver East - 29°55'21"N
Downriver East - 089°57'40"W
Upriver West - 30°03'00"N
Upriver West - 090°41'30"W

This survey was conducted from: Apr. 17, 2001 (DN:107) to Aug. 07, 2001 (DN:219). This time frame includes hydrographic and ENC data capture.

B. DATA ACQUISITION AND PROCESSING *See also the Evaluation Report*

B1. Equipment

An Innerspace model 448 depth sounder, S/Ns 188 was used to collect all echo soundings on this survey. A standard lead line calibrated in meters, S/N 1210, was used during this survey for comparison with the echo sounder. No problems were encountered with any of the sounding equipment.

An Edge Tech model 260-TH image correcting side scan sonar recorder (S/N 020417) with a model 272-TD towfish (S/N 020892), was used throughout this survey. The side scan sonar equipment was used to investigate AWOIS items.

A Starlink DGPS Beacon Receiver (S/N 795) and antenna (S/N 4132) was used as the primary navigation station on launch 1210.

A Trimble Pathfinder ProXRS (S/N 0224010201) and antenna (S/N 0220170250) were used for all ENC high accuracy positioning and establishment of calibration points.

The instrument used for determining corrections for the speed of sound through the water column was a Seabird-Seacat Velocity Profiler, model 19-03, S/N 198671-1477.

NOAA launch 1210, a 27-foot SeaArk with a draft of 0.5 meters, was used to collect all survey data. There were no unusual vessel configurations or problems encountered with the vessel.

B2. Quality Control

The integrity of the survey data for F00476 has been insured by following the Field Procedures Manual and the NOS Hydrographic Surveys Specifications and Deliverables Manual, June 2000. Due to the nature of this survey as Chart Evaluation, percentages of crosslines were not calculated or specific to mainscheme hydrography.

The lead line for launch 1210 was calibrated using a steel tape on April 12, 2001 (DN:102). No corrections were necessary. A static draft of 0.5 meters was applied to the sounding plots by the HPS REAPPLY program. The draft was measured by subtracting the difference from a punch mark on the side of launch 1210, 0.6 meter above the transducer, to the water surface.

Settlement and squat measurements for launch 1210 were taken on Apr. 12, 2001 (DN: 102). These measurements were conducted in New Orleans, LA using the level method. Settlement and squat correctors were applied to the sounding plots using the HPS REAPPLY program.

Differential GPS (DGPS) was used for all hydrographic data acquired on this survey. DGPS performance checks were conducted in accordance with FPM 3.4.4 by comparing the DGPS position of the vessel to a high accuracy (1st order) calibration point.

A coverage of 200% was obtained in the required survey areas and AWOIS items where water depth and/or hazards permitted. Side scan sonar coverage was conducted to the 12-foot depth curve and single beam reduced line spacing was performed in other areas where warranted. The towfish was deployed off the starboard quarter of the vessel, which proved very stable. Distorted images caused by strong tidal currents were seen periodically. All contacts and shadows were manually scaled and entered into a HPS contact table to determine the height off the bottom. The significant contacts were then compared by position, as well as common depth and relationship to channels to determine if further investigations were needed. All areas surveyed were track line/swath line plotted to insure complete coverage, these regions can be reviewed on the CD.

The system frequency used was 100 & 500 kHz. The recorder was set on one of either 50/75/100-meter range scales. There were no water depths greater than ~~35~~ 46 meters. The confidence checks were performed daily at 100kHz.

B3. Corrections to Echo Soundings

There are no deviations to be discussed in this section. Refer to Section "C" **Correction to Echo Soundings** of the **Data Acquisition and Processing Report**. *Data is filed with original field records.*

C. VERTICAL AND HORIZONTAL CONTROL *See also the Evaluation Report*

The instrument used for determining corrections for the speed of sound through the water column was a Seabird-Seacat Velocity Profiler. The manufacturer calibrated this unit on December 28, 2000. Data quality assurance tests were performed after each cast. Program VELOCITY was used for computing the correctors. Corrections were applied to the sounding plot using the HPS REAPPLY program.

Field tide reduction of soundings is based on unverified actual heights from the Internet from USACOE water level stations in Carrollton, (New Orleans)LA (876-1955), Bonne Carre, LA (876-2519), and Reserve, LA (876-2753). The values were downloaded from:

<http://www.mvn.usace.army.mil/eng/edhd/Wcontrol/wcmain.htm>

The correctors were changed to meters and placed in a NOAA format data string, which enabled HPS to read the data and reapply correctors.

Values and correctors were applied at the perspective locations of Hydrography from the Port Instructions. *Approved tides and zoning have been applied during office processing.*

All elevations and soundings on survey F00476 are based on LWRP unless otherwise specified.

The horizontal control datum for this project is the North American Datum (NAD) of 1983 in UTM. The control reference station used for this survey was the USCG DGPS English Turn, LA (Station ID #814), located at 29°52.73743'N, 089°56.50329'W.

D. RESULTS AND RECOMMENDATIONS

D1. Chart Comparison *See also the Evaluation Report*

The following is a list of Charts compared during F00476:

Chart Number	Edition	Edition Date
11364	37th	Nov. 06, 1999
11367	30th	May 26, 2001
11368	21 st	April 22, 2000
11370	22nd	December 4, 1999

In general survey soundings compared favorably with the charted soundings within one to three feet. There are some areas of change in the controlling depths investigated during F00476. Page plots are included with the survey data and can be found in the fanfolder. The MapInfo jpeg images are likewise included in the project CD with the survey data. *Digital files located in the Images folder.*

The following charted area's were investigated with side scan sonar, the search results were negative. The features and symbols should be removed from the chart. *Concur w/clarification, see comments for individual features.* There are slight variations in position due to new chart editions between field search and page plot positions * *See Evaluation Report (E &A) section D.1.a.* The positions in this table are to direct the verifier to the approximate position of the search area.

- Charted Wreck PA @ 29°56'04" N, 089°59'14" W = Does not exist *Sheet 24*
* *Do not concur - feature not adequately investigated, see E &A sec. D.1.a. Retain as charted*
- Private Maintd. Light @ 29°56'04" N, 089°59'14" W = Does not exist *Sheet 24*
Concur w/clarification. Defer to MCD Update Service Branch for charting recommendations for Aids to Navigation
- Charted Obstr. PA @ 29°56'48" N, 089°59'42" W = Does not exist *Sheet 24*
Concur w/clarification - feature is not presently charted
- Charted 43 foot sounding @ 29°54'33.6" N, 090°05'54.6" W = Does not exist *Sheet 19*
Concur (See also page 9 of this report)
- Charted Wreck PA @ 29°54'42.6" N, 090°06'54.4" W = Does not exist *Sheet 18*
* *Do not concur - feature not adequately investigated, see E &A sec. D.1.a. - Retain as charted*
- 2 Charted Wrecks PA @ 29°57'24.1" N, 090°09'48" W = Do not exist *Sheet 15*
* *Do not concur - feature not adequately investigated, see E &A sec. D.1.a. - Retain as charted*
- Charted Wreck PA @ 29°56'42" N, 090°09'36" W = Does not exist *Sheet 15*
* *Do not concur - feature not adequately investigated, see E &A sec. D.1.a. - Retain as charted*
- Charted Wreck PA @ 29°56'25" N, 090°10'06" W = Does not exist *Sheet 15*
Concur Delete dangerous sunken wreck PA
- Charted Wreck PA @ 29°56'06" N, 090°11'06" W = Does not exist *Sheet 14*
* *Do not concur - feature not adequately investigated, see E &A sec. D.1.a. - Retain as charted*
- Charted Wreck PA @ 29°55'42.0" N, 090°11'42.0" W = Does not exist *Sheet 14*
* *Do not concur - feature not adequately investigated, see E &A sec. D.1.a. - Retain as charted*
- Charted Wreck PA @ 29°56'48" N, 090°18'42" W = Does not exist *Sheet 10*
* *Do not concur - feature not adequately investigated, see E &A sec. D.1.a. - Retain as charted*

- Charted Wreck PA @ 29°59'16.0N, 090°24'38.0"W = Does not exist *Sheet 6*
Concur w/clarification - feature is not presently charted

- Charted Wreck PA @ 29°59'10.0N, 090°24'22.7"W = Does not exist *Sheet 6*
Concur Delete dangerous sunken wreck PA

The following charted areas were investigated with side scan sonar, the search results were positive. The previously charted features and symbols should be removed from the chart and new symbols should be charted with the new survey position.

- Charted Wreck PA @ 29°58'18 22" N, 090°16'42" W = Exists *Concur Sheet 11*
Detached positions on DN:169, Up river & Down river ends. Wreck is visible.
Delete visible wreck PA in 29 58 22 N, 090 16 42 W
Add visible wreck in 29 58 21.55 N, 090 16 43.38 W

Note: The barge located at the U.S. Navy Piers at 29°57'09.5"N, 090°02'01.7"W should not be charted. The location of this feature was by request for the USN for removal purposes.

Concur. Barge has been salvaged as per telecom with Dave Elliott 6/3/02. Sheet 22

The designated-charted anchorages do not apply to this examination.

The maintained channel survey depths do not apply to this examination.

There were 61 AWOIS items addressed within this examination survey. The AWOIS database record was filed. The results are included with this survey and can be reviewed on the project CD. The database file can be found on the project CD under the Survey Documents folder. All AWOIS were investigated with 200% side scan sonar. *See also the Evaluation Report section D1.* MapInfo jpeg. hard copy page plots for items that were found are also included with the survey and on the CD under Sheet 01 images. There were no plots created for items that had a negative search result. The swath coverage for AWOIS items can be viewed from the CD.

The AHB final digital AWOIS listing with compiler's comments, K406awois-AHB.mdb, will be included with other digital files sent to MCD. Hard copies of all AWOIS items are attached to this report.

The following list of AWOIS identifiers are for quick reference to the database:

Note: Items are listed in order of investigation.

- AWOIS 10868 = Search result negative, does not exist, remove from chart. *Concur Sheet 25*
- AWOIS 10869 = Search result negative, does not exist, remove from chart. *Concur Sheet 25*
- AWOIS 10870 = Search result negative, does not exist, remove from chart. *Concur Sheet 25*
- AWOIS 10871 = Search result negative, does not exist, remove from chart.
Concur with clarification. Wreck is not presently charted on 11364. Sheet 24

- AWOIS 10872 = Search result negative, does not exist, remove from chart. *Concur Sheet 24*
- AWOIS 10873 = Search result negative, does not exist, remove from chart. *Sheet 24*
Concur with clarification. Obstruction is not presently charted.
- AWOIS 10874 = Search result negative, does not exist, remove from chart. *Concur Sheet 23*
- AWOIS 10875 = Search result negative, does not exist, remove from chart. *Sheet 23*
Concur with clarification. Wreck is not presently charted.
- AWOIS 10876 = Search result negative, does not exist, remove from chart. *Sheet 23*
Do not concur. See AWOIS 10876 item investigation form.
Additional work is recommended.
- AWOIS 10877 = Search result negative, does not exist, remove from chart. *Sheet 23*
Concur. See AWOIS 10877 item investigation form.
- AWOIS 10878 = Search result negative, does not exist, remove from chart. *Concur Sheet 23*
- AWOIS 10879 = Search result negative, does not exist, remove from chart. *Concur Sheet 23*
- AWOIS 10880 = Search result negative, does not exist, remove from chart. *Sheet 22*
Concur with clarification. Obstruction is not presently charted.
- AWOIS 10881 = Search result negative, does not exist, remove from chart. *Sheet 22*
Concur with clarification. Wreck is not presently charted.
- AWOIS 10882 = Search result negative, does not exist, remove from chart. *Sheet 22*
Concur with clarification. Obstruction is not presently charted.
- AWOIS 10883 = Search result negative, does not exist, remove from chart. *Sheet 22*
Do not concur. See AWOIS 10883 item investigation form.
- AWOIS 10884 = Search result negative, does not exist, remove from chart. *Concur Sheet 22*
- AWOIS 10885 = Search result negative, does not exist, remove from chart. *Sheet 22*
Do not concur. See AWOIS 10885 item investigation form.
- AWOIS 10886 = Search result positive, wreck does exist, chart with new survey position.
Chart submerged wreck #10886 at 29°57'24 *25.63*" N, 090°02'54 *51.93*" W, Least Depth = ~~38.0~~
36 ft by echo. *Concur. See also the AWOIS 10886 item investigation form. Sheet 21*
- AWOIS 10887 = Search result negative, does not exist, remove from chart. *Sheet 21*
Concur with clarification. Wreck is not presently charted.

- AWOIS 10888 = Search result negative, does not exist, remove from chart.
Do not concur. Wreck is not presently charted. Sheet 21
See also the AWOIS 10888 item investigation form.
- AWOIS 10889 = Search result negative, does not exist, remove from chart.
Concur with clarification. Wreck is not presently charted. Sheet 21
- AWOIS 10890 = Search result negative, does not exist, remove from chart. *Concur* Sheet 20
- AWOIS 10891 = Search result positive, wreck does exist, chart with new survey position.
Chart submerged wreck #10891 at 29°56'06.2"N, 090°03'19.1"W, LeastDepth = 68.0ft by echo.
Concur with clarification. See AWOIS 10891 item investigation form and the Evaluation Report, section D1.b. Sheet 20
- AWOIS 10892 = Search result negative, does not exist, remove from chart. *Concur* Sheet 20
- AWOIS 10893 = Search result positive, wreck does exist, chart with new survey position.
Chart submerged wreck #10893 at 29°56'00.3"N, 090°03'26.38"W, Least Depth= ~~116~~ 115 ft by echo.
Concur with clarification. See also the AWOIS 10893 item investigation form. Sheet 20
- AWOIS 10894 = Search result negative, does not exist, remove from chart.
Do not concur. See AWOIS 10894 item investigation form. Sheet 20
- AWOIS 10895 = Search result negative, does not exist, remove from chart. *Concur* Sheet 20
- AWOIS 10896 = Search result positive, but wreck does not exist, remove from chart.
Chart contacts/obstruction at 29°55'23.3" N, 090°03'46.7" W, Least Depth = ~~93~~ 91 ft by echo.
Do not concur. Wreck is not presently charted.
See AWOIS 10896 item investigation form. Sheet 20
- AWOIS 10897 = Search result negative, does not exist, remove from chart. *Concur* Sheet 20
- AWOIS 10898 = Search result negative, does not exist, remove from chart. *Concur* Sheet 19
- AWOIS 10899 = Search result negative, does not exist, remove from chart. *Concur* Sheet 19
- AWOIS 10900 = Search result negative, does not exist, remove from chart. *Concur* Sheet 18
- AWOIS 10901 = Search result negative, does not exist, remove from chart. *Concur* Sheet 17
- AWOIS 10902 = Search result negative, does not exist, remove from chart. *Concur* Sheet 17
- AWOIS 10903 = Search result negative, does not exist, remove from chart. *Concur* Sheet 17

- AWOIS 10904 = Search result negative, does not exist, remove from chart.
Concur with clarification. Wreck is not presently charted. Sheet 16
See AWOIS 10904 item investigation form. Additional work is recommended.
- AWOIS 10905 = Search result negative, does not exist, remove from chart. *Concur Sheet 16*
- AWOIS 10906 = Search result negative, does not exist, remove from chart.
Concur with clarification. Wreck is not presently charted. Sheet 16
- AWOIS 11039 = Search result negative, does not exist, remove from chart. *Concur Sheet 16*
- AWOIS 10975 = Search result negative, does not exist, remove from chart. *Concur Sheet 15*
- AWOIS 10976 = Search result negative, does not exist, remove from chart. *Concur Sheet 14*
- AWOIS 10977 = Search result negative, does not exist, remove from chart. *Concur Sheet 13*
- AWOIS 10978 = Search result negative, does not exist, remove from chart. *Concur Sheet 12*
- AWOIS 10979 = Search result positive, but wreck does not exist, remove from chart.
Chart ~~contact~~/obstruction at 29°57'50.2"N, 090°16'49.5" W, Least Depth = ~~30~~ 28 ft by echo.
Concur. See AWOIS 10979 item investigation form. Sheet 11
- Chart ~~contact~~/obstruction at 29°57'53.1"N, 090°16'42.5" W, Least Depth = ~~32~~ 30 ft by echo.*
Chart ~~contact~~/obstruction at 29°57'54.1"N, 090°16'40.2" W, Least Depth = ~~28~~ 26 ft by echo.*
** Concur. See the Evaluation Report, section D1.c. Sheet 11*
- AWOIS 10980 = Search result negative, does not exist, remove from chart. *Concur Sheet 11*
- AWOIS 10981 = Search result negative, does not exist, remove from chart. *Concur Sheet 10*
- AWOIS 10982 = Search result negative, does not exist, remove from chart. *Concur Sheet 9*
- AWOIS 10983 = Search result negative, does not exist, remove from chart. *Concur Sheet 9*
- AWOIS 10994 = Search result negative, does not exist, remove from chart. *Concur Sheet 8*
- AWOIS 10984 = Search result negative, does not exist, remove from chart. *Concur Sheet 8*
- AWOIS 10985 = Search result negative, does not exist, remove from chart. *Concur Sheet 7*
- AWOIS 10986 = Search result negative, does not exist, remove from chart. *Concur Sheet 7*

- AWOIS 10995 = Search result negative, does not exist, remove from chart.
Do not concur. See AWOIS 10995 item investigation form. *Sheet 6*
- AWOIS 10987 = Search result negative, does not exist, remove from chart. *Concur* *Sheet 6*
- AWOIS 10993 = Search result negative, does not exist, remove from chart. *Concur* *Sheet 1*
- AWOIS 10992 = Search result negative, does not exist, remove from chart. *Concur* *Sheet 2*
- AWOIS 10991 = Search result negative, does not exist, remove from chart. *Concur* *Sheet 2*
- AWOIS 10990 = Search result negative, does not exist, remove from chart. *Concur* *Sheet 3*
- AWOIS 10989 = Search result negative, does not exist, remove from chart. *Concur* *Sheet 4*
- AWOIS 10988 = Search result negative, does not exist, remove from chart. *Concur* *Sheet 5*

The 43 foot charted sounding and 60 foot contour at 29°54'33.7"N, 090°05'54.6"W should be removed from the chart. *Concur.* The survey soundings from F00476 show soundings ranging from ~~93~~ *73* feet to 139 feet. This region has been dredged by the USACOE. *Sheet 19*

There were no Danger to Navigation reports submitted for this survey. *Concur*

D2. Additional Results

Shoreline investigation was conducted by comparison with the raster and vector data sets for ENC corrections. High accuracy DGPS positions were acquired on new features or facilities. The majority of the ENC identifiers were visually identified as "existing as charted" (EAC) in regions that could not be accessed safely or where permission to piers and terminals was denied.

There were no Prior Survey comparisons conducted by the hydrographer for F00476.
A comparison of prior surveys was not done during office processing. This is in accordance with section 4. of the memorandum titled "Changes to Hydrographic Survey Processing", dated May 24, 1995.

All Navigation Aids serve their intended purpose.

There are numerous bridges, cables, pipelines, and crossing signs throughout the survey area. These regions were visually identified and compared to the raster and vector charts. The status of horizontal and vertical clearances is in good agreement with all charted notes.

Ferry routes are accurately charted and require no changes or additions to the charts.

There are ongoing dredging operations in the Mississippi River. These areas are maintained by the

U.S. Army Corps of Engineers and are limited to the maintained channel.

E. APPROVAL SHEET

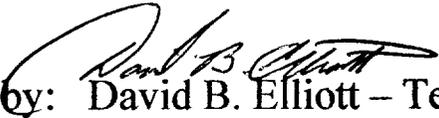
Attached next page.

APPROVAL SHEET
OPR-K406-NRB
Field Examination - F00476
New Orleans, LA
NRT-2 Launch 1210
2001

This Field Examination survey is complete and adequate for its intended purpose, which included Electronic Navigational Chart data capture (ENC), contemporary soundings and sidescan sonar hydrographic operations requested by the USCG, Houston and Texas City Pilots. The survey includes a Field Examination Report (ie. Descriptive Report), digital data and all accompanying records.

The following reports are included with this submission:

Field Examination Report (DR)	August 2001
Data Acquisition and Processing Report	August 2001
Vertical and Horizontal Control Report	August 2001
Tides and Water Level Package	August 2001

Approved by:  David B. Elliott – Team Leader
NOAA-Navigation Response Team 2



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SERVICE
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: November 15, 2001

HYDROGRAPHIC BRANCH: Atlantic
HYDROGRAPHIC PROJECT: OPR-K406-NRT2-2001
HYDROGRAPHIC SHEET: F00476

LOCALITY: Mississippi River, LA
TIME PERIOD: April 16 - August 6, 2001

TIDE STATION USED: 876-1955(USACE# 01300) Carrollton, LA
Lat. 29° 56.1'N Lon. 90° 8.2'W
PLANE OF REFERENCE (Low Water Reference Plane 1993): 1.0 feet

TIDE STATION USED: 876-2519(USACE# 01280) Bonnie Carre, LA
Lat. 29° 59.9'N Lon. 90° 26.6'W
PLANE OF REFERENCE (Low Water Reference Plane 1993): 1.1 feet

TIDE STATION USED: 876-2753(USACE# 01260) Reserve, LA
Lat. 30° 3.3'N Lon. 90° 34.1'W
PLANE OF REFERENCE (Low Water Reference Plane 1993): 1.4 feet

REMARKS: RECOMMENDED ZONING
Use zone(s) identified as: MIS201, MIS202, MIS203

Refer to attachments for zoning information.

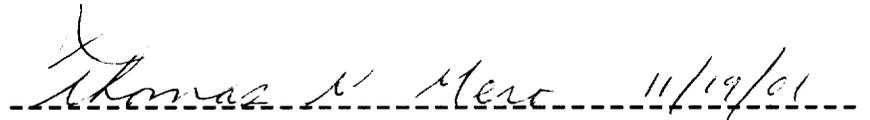
Note 1: Provided time series data are tabulated in units of feet relative to NGVD and on Central Standard Time.

Note 2: The Low Water Reference Plane 1993 is based on the Mississippi River Low Water Reference Plane Comparison 1993 Review table provided by Donald J Clement to Lyn Preston on 14 Jul 2000. Plane of Reference correction values should be added to the water level data to place data on the Low Water Reference Plane of 1993.



TIDE NOTE FOR HYDROGRAPHIC SURVEY SHEET F00476 cont.

Note 3: Water level data are provided by the USACE, New Orleans District. Email correspondence with USACE confirming the proper operation of the water level gauges use for this survey is included. CO-OPS has made inter-comparisons of the three water level station data to check for indications of gross gauge malfunctions or data discrepancies. CO-OPS has no other means in verifying the validity the water level data. It should be noted that CO-OPS has had to edit a two foot water level spike found in the verified water level data provided by the USACE. In addition, missing data values in the hourly height record are indicated by -901.00 water level values.



CHIEF, REQUIREMENTS AND DEVELOPMENT DIVISION

LETTER TRANSMITTING DATA

DATA AS LISTED BELOW WERE FORWARDED TO YOU
BY (Check)

- ORDINARY MAIL
- REGISTERED MAIL
- GBL (Give number) _____
- AIR MAIL
- EXPRESS

TO:

NOAA / National Ocean Service
Chief, Data Control Group, N/CS 3x1
SSMC3, Station 6815
1315 East-West Hwy.
Silver Spring, MD 20910-3282

DATE FORWARDED 01/16/2003

NUMBER OF PACKAGES 2

NOTE: A separate transmittal letter is to be used for each type of data, as tidal data, seismology, geomagnetism, etc. State the number of packages and include an executed copy of the transmittal letter in each package. In addition the original and one copy of the letter should be sent under separate cover. The copy will be returned as a receipt. This form should not be used for correspondence or transmitting accounting documents.

F00476

Louisiana,
Mississippi River
New Orleans

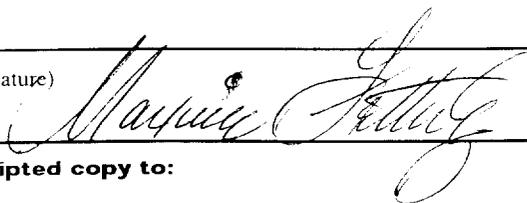
Box:

- Descriptive Report
- Evaluation Report
- 61 AWOIS Item investigation reports
- 25 Mylar page size smooth sheets
- 3 Record of Application to charts for Nos charts 11367, 11368, 11370

Tube:

- 3 Mylar H-Drawings for NOS charts 11367, 11368, 11370

FROM: (Signature)



RECEIVED THE ABOVE
(Name, Division, Date)

Return receipted copy to:

Maxine Fetterly
Atlantic Hydrographic Branch
439 W. York St.
Norfolk, VA 23510

**ATLANTIC HYDROGRAPHIC BRANCH
EVALUATION REPORT FOR F00476 (2001)**

This Evaluation Report has been written to supplement and/or clarify the original Descriptive Report. Sections in this report refer to the corresponding sections of the Descriptive Report.

B. DATA ACQUISITION AND PROCESSING

The following software was used to process data at the Atlantic Hydrographic Branch:

Hydrographic Processing System (HPS)
NADCON, version 2.10
SiteWorks, version 02.01.02.00
MicroStation J, version 7.01
I/RAS B, version 7.01
MapInfo, version 6.5
Microsoft Access 2000, version 9.0

The smooth sheets were plotted using a Hewlett Packard Design Jet 2500CP plotter.

C. HORIZONTAL CONTROL

Horizontal control used for this survey during data acquisition is based upon the North American Datum of 1983 (NAD 83). Office processing of this survey is based on these values. Twenty-five (25) page size smooth sheets have been annotated with tick marks showing the computed mean shift between the NAD 83 and the North American Datum of 1927 (NAD 27).

To place sheets 1-3 on the NAD 27, move the projection lines .730 seconds (22.469 meters or 2.25 mm at the scale of the survey) north in latitude, and .325 seconds (8.707 meters or .871 mm at the scale of the survey) west in longitude.

To place sheets 4-6 on the NAD 27, move the projection lines .734 seconds (22.601 meters or 2.26 mm at the scale of the survey) north in latitude, and .301 seconds (8.059 meters or .806 mm at the scale of the survey) west in longitude.

To place sheets 7-10 on the NAD 27, move the projection lines .949 seconds (29.229 meters or 2.92 mm at the scale of the survey) north in latitude, and .382 seconds (10.235 meters or 1.02 mm at the scale of the survey) west in longitude.

To place sheets 11-12 on the NAD 27, move the projection lines .979 seconds (30.159 meters or 3.02 mm at the scale of the survey) north in latitude, and .384 seconds (10.287 meters or 1.03 mm at the scale of the survey) west in longitude.

To place sheets 13-17 on the NAD 27, move the projection lines 1.053 seconds (32.438 meters or 3.24 mm at the scale of the survey) north in latitude, and .401 seconds (10.755 meters or 1.08 mm at the scale of the survey) west in longitude.

To place sheets 18-22 on the NAD 27, move the projection lines 1.100 seconds (33.880 meters or 3.39 mm at the scale of the survey) north in latitude, and .409 seconds (10.966 meters or 1.10 mm at the scale of the survey) west in longitude.

To place sheets 23-25 on the NAD 27, move the projection lines 1.188 seconds (36.587 meters or 3.66 mm at the scale of the survey) north in latitude, and .428 seconds (11.486 meters or 1.15 mm at the scale of the survey) west in longitude.

D1. COMPARISON WITH CHART 11364 (38th Edition, Jul 21/01)
11367 (31st Edition, May 26/01)
11368 (22nd Edition, Jul 20/02)
11370 (23rd Edition, Sep 22/01)

Hydrography

The charted hydrography originates with prior surveys and requires no further consideration. The hydrographer makes adequate chart comparisons in section D. of the Descriptive Report and the AWOIS item investigation reports. Attention is directed to the following:

a. The following charted dangerous sunken wrecks, PA originate with unknown sources and were not adequately investigated by the field. The positions on current chart editions do not match positions investigated. It is recommended that these wrecks be retained as charted. Additional work is recommended at an opportune time.

<u>Latitude (N)</u>	<u>Longitude (W)</u>	<u>Sheet</u>
29°56'02.2"	89°59'07.3"	24
29°54'42.6"	90°06'54.4"	18
29°57'24.1"	90°09'24.0"	15
29°56'48.0"	90°09'40.0"	15
29°56'03.0"	90°11'09.1"	14

<u>Latitude (N)</u>	<u>Longitude (W)</u>	<u>Sheet</u>
29°55'42.0"	90°11'42.0"	14
29°56'51.0"	90°18'44.0"	10

b. During the investigation of Automated Wreck and Obstruction Information System (AWOIS) Item #10891, an uncharted dangerous sunken wreck with a depth of 61 feet (18³ m), in Latitude 29°56'06.68"N, Longitude 90°03'18.75"W, was located. This position is approximately 120 meters north of the charted AWOIS position. This feature was verified by side scan sonar and echo sounder. It is recommended that a this feature be charted as shown on present survey. (Sheet 20)

c. During the investigation of Awois #10979, the following obstructions were located:

<u>Depth (ft/m)</u>	<u>Latitude (N)</u>	<u>Longitude (W)</u>
26/8 ⁰	29°57'54.11"	90°16'40.22"
30/9 ¹	29°57'53.14"	90°16'42.54"

It is recommended that the 26 foot Obstn be charted. Due to chart scale, the 30 foot Obstn cannot be shown. (Sheet 11)

d. A charted dangerous sunken wreck PA, in Latitude 29°57'48.4"N, Longitude 90°16'45.5"W, originates with an unknown source. This wreck was disproved during the investigation of AWOIS item #10979. It is recommended that the feature be removed from the chart. (Sheet 11)

e. During field operations, an investigation was performed to disprove the following shoal soundings:

<u>Depth</u>	<u>Latitude (N)</u>	<u>Longitude (W)</u>
18	29°56'26.91"	90°03'37.48"
19	29°56'41.53"	90°03'39.70"

Depths in this area ranged from 26 feet to 32 feet. It is recommended that the area be charted as shown on the present survey. (Sheet 21)

f. Sixty one (61) AWOIS items and fifteen (15) features were investigated by the hydrographer. Fourteen (14) of these features do not appear on the current editions of the charts used during compilation.

G. A charted row of dolphins in the vicinity of Latitude 29°57'21"N, Longitude 90°02'40"W, originates with an unknown source. The dolphins are shown on chart 11367 (May 2001), but are not shown on the latest edition of chart 11368 (July 2002). It is recommended that the feature be revised to submerged dols, and shown on both charts 11367 and 11368, unless further information indicates otherwise.

ADEQUACY OF SURVEY

Except as noted in these reports and AWOIS records, the present Field Examination is adequate to supersede the charted hydrography within the common area. Additional work has been recommended for features listed in D1.a of this report and for AWOIS items 10876, ~~10877~~, 10904.

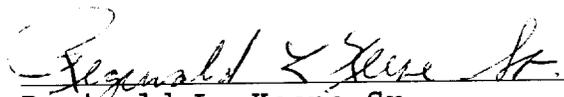
MISCELLANEOUS

*AKM
4/10/03*

Chart compilation was done by Atlantic Hydrographic Branch personnel in Norfolk, Virginia. Compilation data will be forwarded to Marine Chart Division, Silver Spring, Maryland. The following NOS Charts were used for compilation of the present survey:

11368 (22nd Ed., Jul 20/02)
11367 (31st Ed., May 26/01)
11370 (23rd Ed., Sep 22/01)

F00476



Reginald L. Keene Sr.

Cartographic Technician

Verification and Evaluation and Analysis

RECRD 10868 VESSLTERMS UNKNOWN CHART 11367 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 55 29.9 LONG83 089 57 58.1 NATIVDATUM 31
 LATDEC: 29.924972222222 LONDEC: 89.966138888889 GPQUALITY Poor
 GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 150 INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2,ES,SD

Techniqnote

History **HISTORY**
 LNM3/74--8TH CGD; A BARGE HAS BEEN REPORTED SUNK IN APPROX. POS. MILE 88.4 ABOVE HEAD OF PASSES. A LIGHTED BUOY PAINTED RED WAS ESTABLISHED 10 YDS 191 T FROM THE WRECK.

Fieldnote
 INVESTIGATION DATE(S): 4/30/01 (DN:120)
 HYDROGRAPHIC SURVEY NUMBER: F00476
 VN:1210 TIME: 16:19:51-16:51:22
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation (pos.67-133) was performed and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILER COMMENTS: Concur. Delete dangerous sunken Wreck PA. 10/02/02mf

Proprietary

YEARSUNK 1974 NIMANUM [Print Record](#)

Sheet 25

RECRD 10869 VESSLTERMS OBSTRUCTION CHART 11367 AREA K
 CARTOCODE 0067 SNDINGCODE DEPTH

LAT83 29 55 28.7 LONG83 089 58 01.3 NATIVDATUM 06
 LATDEC: 29.924638888889 LONDEC: 89.967027777778 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 150 INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2,ES,SD

Techniqnote

History HISTORY
 LNM42/77-8TH GGD, 10/5/77; UNKNOWN OBSTRUCTION REPORTED IN POS.29 55 28N, 089 58 01W

Fieldnote INVESTIGATION DATE(S): 3/30/01 (DN:120)
 HYDROGRAPHIC SURVEY NUMBER: F00476
 VN: 1210 TIME: 16:54:56-17:35:37
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation (pos.134 -201) of the charted obstruction was performed and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends the obstruction be removed from the chart.
 COMPILER COMMENTS: Concur. Delete dangerous Obstruction PD. 10/02/02mf

Proprietary

YEARSUNK NIMANUM

Print Record

25

RECRD 10870 VESSLTERMS UNKNOWN CHART 11367 AREA K
CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 55 25.2 LONG83 089 58 39 NATIVDATUM 31
LATDEC: 29.923666666667 LONDEC: 89.9775 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 100 INIT MCR ASSIGNED 3/26/2001
TECNIQ S2,ES,SD

Techniqnote

History HISTORY
LNM16/94--8TH CGD, 4/19/01; A 195 FT X 35 FT BARGE, M-105, SUNK IN POS. 29 55 25.2N, 089 58 39W.

Fieldnote INVESTIGATION DATE(S): 4/30/01 (DN:120)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 17:41:57- 17:57:02 Pos. 210-248
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was conducted and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends the barge be removed from the chart.
COMPILER COMMENTS: Concur. Delete dangerous sunken wreck PA. 10/01/02mf

Proprietary

YEARSUNK 1994 NIMANUM Print Record

25

RECRD 10871 VESSLTERMS YETTA CHART 11367 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 55 56.8 LONG83 089 59 22.7 NATIVDATUM 31
 LATDEC: 29.932444444444 LONDEC: 89.989638888889 GPQUALITY Poor
 GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS INIT MCR ASSIGNED 3/26/2001

TECNIQ S2,ES,SD
 Techniqnote CONDUCT A SEARCH 150M OUT FROM AN AXIS DRAWN FROM POS.29-55-53 N 089-59-16..5 W TO 29-56-00 N 089-59-29 W

History HISTORY
 NM14/65--THE TUG YETTA HAS BEEN REPORTED SUNK MIDSTREAM AT ABOUT MILE MARKER 90 ABOVE HEAD OF PASSES.

Fieldnote INVESTIGATION DATE(S): 4/30/01 (DN:120)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 18:07:32 - 18:42:11 Pos. 249-321
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not found.
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was performed and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILER COMMENTS: Concur w/clarification - Delete dangerous sunken wreck PA from chart 11367 - wreck is not presently charted on chart 11364. 10/04/02mf

Proprietary YEARSUNK 1965 NIMANUM Print Record

24

RECRD 10872 VESSLTERMS UNKNOWN CHART 11368 AREA K
CARTOCODE 0100 SENDINGCODE DEPTH

LAT83 29 56 14.3 LONG83 089 59 58.7 NATIVDATUM 06
LATDEC: 29.937305555556 LONDEC: 89.999638888889 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 150 INIT MCR ASSIGNED 3/26/2001
TECNIQ S2,ES,SD

Techniqnote

History HISTORY
LNM43/87--8TH CGD, 10/28/67--WRECK REPORTED IN POS.29 56 14N, 89 59 58N (MILE 90.5 ABOVE HAED OF PASSES)

Fieldnote INVESTIGATION DATE(S): 5/01/01 (DN:121)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 15:53:55 - 16:22:00 Pos. 344 - 407
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not found
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILER COMMENTS: Concur. Delete dangerous sunken Wreck PA. 10/04/02mf

Proprietary

YEARSUNK 1987 NIMANUM

Print Record

24

RECRD 10873 VESSLTERMS OBSTRUCTION CHART 11368 AREA K
CARTOCODE 0067 SNDINGCODE DEPTH

LAT83 29 56 13.7 LONG83 090 00 05.25 NATIVDATUM 06
LATDEC: 29.937138888889 LONDEC: 90.001458333333 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 100 INIT MCR ASSIGNED 3/26/2001
TECNIQ S2, SD

Techniqnote

History HISTORY
LNM 39/90--8TH CGD, 9/25/90; SUBMERGED ANCHOR REPORTED IN POS. 29 56 13N, 090 00 05W (NAD 27)

Fieldnote INVESTIGATION DATE(S): 5/01/01 (DN:121)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 16:24:41 - 16:36:17 Pos. 408-434
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the obstruction (anchor) from the chart.
COMPILER COMMENTS: Concur w/clarification - Obstruction is not presently charted. 10/04/02mf

Proprietary

YEARSUNK NIMANUM

Print Record

24

RECRD 10874 VESSLTERMS UNKNOWN CHART 11368 AREA K
CARTOCODE 0067 SNDINGCODE DEPTH

LAT83 29 56 20 LONG83 090 00 17 NATIVDATUM 31
LATDEC: 29.9388888888889 LONDEC: 90.0047222222222 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 100 INIT MCR ASSIGNED 3/26/2001
TECNIQ S2

Techniqnote

History HISTORY
LNM15/89--8TH CGD, 4/11/89; UNKNOWN SUMBERGED OBSTRUCTION REPORTED IN POS 29 56 20N, 090 00 17W, NAD 83.

Fieldnote INVESTIGATION DATE(S): 5/01/01 (DN:121)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 16:38:50- 16:49:48 Pos.435-460
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not found..
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was conducted and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends the obstruction be removed from the chart.
COMPILER COMMENTS: Concur. Delete dangerous Obstruction PA. 10/04/02mf

Proprietary

YEARSUNK NIMANUM Print Record

23

RECRD 10875 VESSLTERMS UNKNOWN CHART 11368 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 20 LONG83 090 00 21.4 NATIVDATUM 31
 LATDEC: 29.9388888888889 LONDEC: 90.0059444444444 GPQUALITY Low
 GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 100 INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2, SD

Techniqnote

History HISTORY
 SOURCE UNKNOWN; WRECK CHARTED IN POS. 29-56-20N 090-00-21.4 W

Fieldnote INVESTIGATION DATE(S): 5/01/01 (DN:121)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 16:51:56 - 17:00:01 Pos.461-479
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not found.
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was performed and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILER COMMENTS: Concur w/clarification - Wreck is not presently charted. 10/04/02mf

Proprietary

YEARSUNK NIMANUM [Print Record](#)

23

RECRD 10876 VESSLTERMS BRANDT EYMARD CHART 11368 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 38.7 LONG83 090 00 11.25 NATIVDATUM 06
 LATDEC: 29.9440833333333 LONDEC: 90.003125 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2.SD

Techniqnote CONDUCT A SEARCH 50M OUT FROM A RADIUS BETWEEN POS.29-56-37.2 N 090-00-09.5 W AND 29-56-40.1 N 090-00-14.2 W

History HISTORY
LN17/85--8TH CGD, 4/25/84--THE M/V BRANDT EYMARD WAS REPORTED SUNK AT APPROX. MILE 91.1, HEAD OF PASSES LEFT DESCENDING BANK IN APPROX. POS. 29 56 38N, 90 00 11W.
LN18/84--8TH CGD, 5/2/84; THE M/V BRANDT EYMARD PREVIOUSLY REPORTED SUNK AT APPROX. MILE 91.1, HEAD OF PASSES LEFT DESCENDING BANK IN APPROX. POS. 29 56 38N, 90 00 11W, COULD NOT BE LOCATED.

Fieldnote INVESTIGATION DATE(S): 5/08/01 (DN: 128)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 15:56:39 - 16:37:52 Pos. 745-760
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was conducted and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.

COMPILER COMMENTS: Do not concur - Retain Wreck as charted.
Side scan data quality is poor; suspicious contacts located at Fixes 750-751s, 758.5s, east of survey line.
Additional work is recommended in the vicinity of 29 56 38.6 N 090 00 11.9 W. 10/01/02mf

Proprietary YEARSUNK 1985 NIMANUM [Print Record](#)

23

RECRD 10877 VESSLTERMS UNKNOWN CHART 11368 AREA K
CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 36.7 LONG83 090 00 48.25 NATIVDATUM 06
LATDEC: 29.943527777778 LONDEC: 90.013402777778 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS INIT MCR ASSIGNED 3/26/2001
TECNIQ S2,SD,ES
Techniqnote SEARCH 30M OUT FROM AN AXIS DRAWN FROM POS. 29-56-34.9 N 090-00-45.3 W TO 29-56-38.4 N 090-00-51.5 W

History HISTORY
LNM48/74--8TH CGD, 11/26/74-- A DECK BARGE MEASURING 30 FT BY 125 FT HAS BEEN REPORTED SUNK IN ABOUT 30 FT OF WATER OFF RIGHT DESCENDING BANK AT APPROX MILE 91.5. APPROX POS. 29 56 36N, 090 00 48W.

Fieldnote INVESTIGATION DATE(S): 5/08/01 (DN:128)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 16:44:24 - 16:45:50 Pos. 761-769
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 100% bottom coverage side scan sonar investigation was performed and nothing was found. Only a single pass with the side scan was possible due to a large number of barges moored over the site of the charted wreck.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILER COMMENTS: Concur. As per telecom with M. Riddle, it was agreed that upon further review of the 100% SSS records, no indication of wreck was determined. Delete dangerous sunken wreck PA. 10/4/02mf

Proprietary YEARSUNK 1974 NIMANUM
Print Record

RECRD 10878 VESSLTERMS UNKNOWN CHART 11368 AREA K
CARTOCODE 0100 SENDINGCODE DEPTH

LAT83 29 56 41 LONG83 090 00 50.7 NATIVDATUM 31
LATDEC: 29.944722222222 LONDEC: 90.014083333333 GPQUALITY Poor
GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 100 INIT MCR ASSIGNED 3/26/2001
TECNIQ S2,SD,ES

Techniqnote

History HISTORY
CL783/73--THE 60 FT X 12 FT TUG MATE HAS BEEN REPORTED SUNK AT APPROX. MILE 91.6, AT THE UPPER END OF THE QUARNTINE ANCHORAGE.
29-56-41.04 N 090-00-50.72 W

Fieldnote INVESTIGATION DATE(S): 5/08/01 (DN:128)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 16:48:20 - 16:57:44 Pos. 770-796
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.

COMPILER COMMENTS: Concur. Delete dangerous sunken Wreck PA. 10/04/02mf

Proprietary

YEARSUNK 1973 NIMANUM

Print Record

23

RECRD 10879 VESSLTERMS CALCO CHART 11368 AREA K
CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 42.7 LONG83 090 00 57.25 NATIVDATUM 06
LATDEC: 29.945194444444 LONDEC: 90.015902777778 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 200 INIT MCR ASSIGNED 3/26/2001
TECNIQ S2,SD,ES
Techniqnote SEARCH NOT REQUIRED IN DEPTHS LESS THAN 40 FEET.

History HISTORY
NM39/68--THE PUSHER TUG CALCO HAS BEEN REPORTED SUNK APPROX. MILE 91.5 IN 60 FT OF WATER, OFF THE
RIGHT DESCENDING BANK. APPROX. POS. 29 56 42, 090 00 57 NAD 27.

Fieldnote INVESTIGATION DATE(S): 5/08/01 (DN:128)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 16:59:13 - 17:19:06 Pos. 797-852
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILER COMMENTS: Concur. Delete dangerous sunken Wreck PA. 10/04/02mf

Proprietary

YEARSUNK 1968 NIMANUM

Print Record

23

RECRD 10880 VESSLTERMS OBSTRUCTION CHART 11368 AREA K
CARTOCODE 0067 SNDINGCODE DEPTH

LAT83 29 57 19 LONG83 090 01 57 NATIVDATUM 31
LATDEC: 29.955277777778 LONDEC: 90.0325 GPQUALITY High
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 100 INIT MCR ASSIGNED 3/26/2001
TECNIQ S2, ES

Techniqnote

History HISTORY
LNM08/92--8TH CGD, 2/18/92: AN OBSTRUCTION DESCRIBED AS A LOAD OF ROCK HAS BEEN REPORTED IN POS.
29 57 19N, 090 01 57W. NAD 83.

Fieldnote INVESTIGATION DATE(S): 5/08/01 (DN:128)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 17:29:53 - 17:40:12 Pos.853-880
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not found..
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was conducted and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the obstruction (rock) from the chart.
COMPILER COMMENTS: Concur w/clarification - Obstruction is not presently charted. 10/04/02mf

Proprietary

YEARSUNK NIMANUM

Print Record

22

RECRD 10881 VESSLTERMS UNKNOWN CHART 11368 AREA K
CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 57 29 LONG83 090 02 06 NATIVDATUM 31
LATDEC: 29.9580555555556 LONDEC: 90.035 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 100 INIT MCR ASSIGNED 3/26/2001
TECNIQ S2,SD,ES

Techniqnote

History HISTORY
LNM4/91--8TH CGD, 1/22/91; A 20 FT X 20 FT BARGE HAS BEEN REPORTED SUNK IN POS. 29 57 29N, 090 02 06W NAD 83.

Fieldnote INVESTIGATION DATE(S): 5/08/01 (DN:128)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 17:42:30 - 17:50:44 Pos. 881-905
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar search was done and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILER COMMENTS: Concur w/clarification. Wreck is not presently charted. 10/04/02mf

Proprietary

YEARSUNK 1991 NIMANUM

Print Record

22

RECRD 10882 VESSLTERMS OBSTRUCTION CHART 11368 AREA K
 CARTOCODE 0067 SNDINGCODE DEPTH

LAT83 29 57 15.5 LONG83 090 02 15 NATIVDATUM 31
 LATDEC: 29.954305555556 LONDEC: 90.0375 GPQUALITY Med
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 30 INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2,SD,ES

Techniqnote

History HISTORY
 LNM32/93--8TH CGD, 8/10/93; SUBMERGED, DESTROYED DOCK REPORTED IN 29 57 15.5N, 090 02 15W

Fieldnote INVESTIGATION DATE(S): 5/08/01 (DN:128)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 17:55:53 - 17:56:37 Pos. 906-911, 1784-1787
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not found..
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 100% bottom coverage side scan sonar investigation was done and nothing was found. Due to barges moored over the area of the charted destroyed dock, only one pass with the side scan was possible.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the submerged dock from the chart.
 COMPILER COMMENTS: Concur w/clarification - Obstruction is not presently charted. 10/04/02mf

Proprietary

YEARSUNK NIMANUM [Print Record](#)

22

RECRD 10883 VESSLTERMS UNKNOWN CHART 11368 AREA K
CARTOCODE 0100 SENDINGCODE DEPTH

LAT83 29-57-17.4 LONG83 090-02-19.4 NATIVDATUM 31
LATDEC: 29.954833333333 LONDEC: 90.038722222222 GPQUALITY Poor
GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE
RADIUS INIT MCR ASSIGNED 3/26/2001
TECNIQ

Techniqnote SEARCH 15M OUT FROM AN AXIS DRAWN BETWEEN 29-57-16.0 N 090-02-16.0 W AND 29-57-18.1 N 090-02-23.1 W

History HISTORY
NM21/68--AN IRON ORE BARGE 26 FT X 175 FT HAS BEEN REPORTED SUNK IN ABOUT 50 FT OFF THE RIGHT DESCENDING BANK AT APPROX MILE 92.9. THE WRECK IS CHARTED IN APPROX IN POS. 29-57-17.4 N 090-02-19.4W, WHICH DOES NOT MATCH THE DESCRIPTION.

Fieldnote INVESTIGATION DATE(S): 5/08/01 (DN: 128)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 17:57:53 - 18:04:39 Pos. 912-933
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% side scan sonar search was conducted and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.

COMPILER COMMENTS: Do not concur. A significant 40 ft echo sounder peak Fix 915 T:175839, with correlating side scan sonar images 918s-919s & 929p-931p, was found during office processing .
Delete dangerous sunken wreck PA. Add 40 ft. Wreck w/danger curve at 29 57 17.02 N 090 02 18.96 W 10/3/02mf

Proprietary YEARSUNK 1968 NIMANUM Print Record

22

RECRD 10885 VESSLTERMS UNKNOWN CHART 11368 AREA K
CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 57 37 LONG83 090 02 38 NATIVDATUM 31
LATDEC: 29.960277777778 LONDEC: 90.043888888889 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE
RADIUS INIT MCR ASSIGNED 3/26/2001
TECNIQ S2.SD

Techniqnote SEARCH 30M OUT FROM AN AXIS DRAWN ETWEEN POS. 29-57-36.2 N 090-02-35.3 W AND
POS.29-57-37.1 N 090-02-40.8 W

History HISTORY
LNM13/94--8TH CGD, 3/29/94; UNKNOWN WRECK REPORTED IN POS. 29 57 37N, 090 02 38W WITH A DEPTH OF 8.8M
REPORTED.

Fieldnote INVESTIGATION DATE(S): 5/16/01 (DN:136)
HYDROGRAPHIC SURVEY NUMBER: F00476
VN: 1210 TIME: 1502-1508 Pos: 985-1001
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% side scan sonar investigation was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.

COMPILER COMMENTS: Do not concur. A 71 ft. echo sounder peak, Fix 988.1, T:150323, with correlating side scan image at
Fix 997p, was found during office processing. Side scan records are poor quality in this area.
Delete dangerous sunken wreck PA. Add 71 ft. non-dangerous Wreck 29 57 36.82 N 090 02 38.49 W. 10/3/02mf

Proprietary YEARSUNK 1994 NIMANUM Print Record

9.2

RECRD 10886 VESSLTERMS UNKNOWN CHART 11368 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 57 24.7 LONG83 090 02 54.25 NATIVDATUM 06
 LATDEC: 29.956666666667 LONDEC: 90.048333333333 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 100 INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2,ES,VS,SD
 Techniqnote SEARCH NOT REQUIRED INSHORE OF THE SAFE OPERATING RANGE OF LAUNCH FOR DISPROVAL.

History HISTORY
 NM13/73--UNIDENTIFIED WRECK SUNK IN POS.29 57 24N, 090 02 54W NAD 27.

Fieldnote INVESTIGATION DATE(S): 5/16/01, 5/23/01 (DN:136, 143)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1512-1525, 1505-1533 Pos. 1002-1031,1135-1202
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: LAT. 29° 57' 24.0" LON. 090° 02' 54"
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: During a side scan sonar investigation the charted wreck was found and a development line was run over the top. Single beam development was run on DN 143. Approximately one-third of the wreck lays under a large group of barges moored alongshore. The wreck is oriented in a NE-SW direction, with a least depth of 38 feet in surrounding depths of 50-60 feet.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends retaining the charted wreck at the position above, with current survey least depths.
 COMPILER COMMENTS: Concur w/clarification. Delete dangerous sunken Wreck PD.
 Add 36 ft. dangerous wreck in 29 57 25.63 W 090 02 51.93 N 10/03/02mf

Proprietary YEARSUNK 1973 NIMANUM Print Record

21

RECRD 10887 VESSLTERMS UNKNOWN CHART 11368 AREA K
CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 57 36 LONG83 090 03 14 NATIVDATUM 31
LATDEC: 29.96 LONDEC: 90.053888888889 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 100 INIT MCR ASSIGNED 3/26/2001
TECNIQ S2,SD

Techniqnote

History HISTORY
LNM11/90--8TH CGD, 3/13/90; A 195 FT HOPPER BARGE SUNK IN APPROX. POS. 29 57 36N, 090 03 14W, NAD 83. A
DEPTH OF 90 FT REPORTED.

Fieldnote INVESTIGATION DATE(S): 5/16/01 (DN:136)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 1529-1541 Pos.1032-1059
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was conducted and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILERS COMMENTS: Concur w/clarification. Wreck is not presently charted. 10/07/02mf

Proprietary

YEARSUNK 1990 NIMANUM

Print Record

21

RECRD 10888 VESSLTERMS UNION FAITH CHART 11368 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 42.7 LONG83 090 03 32.25 NATIVDATUM 31
 LATDEC: 29.945194444444 LONDEC: 90.058958333333 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 100 INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2,SD

Techniqnote

History HISTORY
 LNM19/69--8TH CGD, MISSISSIPPI. R. WRECK BUOY WRA ESTABLISHED IN 120 FT OF WATER, 354 DEG T, 20 YDS FROM THE LAST KNOWN POS. OF THE MV UNION FAITH (503 FT LONG), WHICH SUNK AT MILE 95.5 WITH A LEAST DEPTH OF 20 FT.
 LNM107/70--8TH CGD; 8TH CGD, 11/19/70; MV UNION FAITH HAS BEEN BURIED AND SURVEYS REVEAL 60 FT OF WATER AT MEAN SEA LEVEL OVER THE WRECK.

Fieldnote INVESTIGATION DATE(S): 5/16/01 (DN:136)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN:1210 TIME:1557-1616 Pos.1060-1090
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was performed and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.

 COMPILERS COMMENTS: Do not concur Wreck is not presently charted. Echo sounder least depth of 63 ft., Fix 1078 T: 160818.5, was found during office processing. Correllating SSS, 1087p-1090p, show image of possible buried wreck. Add 63 ft. Wreck with danger curve in 29 56 40.20 090 03 30.15. 10/07/02mf

Proprietary

YEARSUNK NIMANUM [Print Record](#)

21

RECRD 10889 VESSLTERMS CYNTHIA W CHART 11368 AREA K
 CARTOCODE 0100 SENDINGCODE DEPTH

LAT83 29 56 42.7 LONG83 090 03 26.25 NATIVDATUM 06
 LATDEC: 29.945194444444 LONDEC: 90.057291666667 GPQUALITY Poor
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 120 INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2,SD,ES

Techniqnote

History HISTORY
 LNM18/84--8TH CGD; 60 FT TUG CYNTHIA W REPORTED SUNK IN APPROX. POS. 29 56 42N, 090 03 26W, 300 FT OFF
 RIGHT DESCENDING BANK (DOES NOT AGREE WITH GP, HENCE PD NOTATION)

Fieldnote INVESTIGATION DATE(S): 5/16/01 (DN: 136)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME:1621-1648 Pos. 1091-1134
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found.
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage investigation was performed and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILER'S COMMENTS: Concur w/clarification. Wreck is not presently charted. 10/07/02mf

Proprietary

YEARSUNK 1984 NIMANUM

Print Record

21

RECRD 10890 VESSLTERMS UNKNOWN CHART 11368 AREA K
CARTOCODE 0100 SENDINGCODE DEPTH

LAT83 29 56 06 LONG83 090 03 34 NATIVDATUM 31
LATDEC: 29.935 LONDEC: 90.059444444444 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 100 INIT MCR ASSIGNED 3/26/2001
TECNIQ S2,SD
Techniqnote SEARCH NOT REQUIRED INSIDE 40 FOOT CURVE

History HISTORY
LNM26/93--8TH CGD, 6/29/93; 38 FT TUG SARAH IN APPROX POS. 29 56 06N, 090 03 34W. LEAST DEPTH REPORTED TO BE 63 FT.

Fieldnote INVESTIGATION DATE(S): 5/24/01 (DN: 144)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME:1458-1511 Pos. 1203-1230
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was conducted and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILER'S COMMENTS: Concur. Delete dangerous sunken Wreck PA (rep 1993). 10/07/02mf

Proprietary

YEARSUNK 1993 NIMANUM

Print Record

20

RECRD VESSLTERMS CHART AREA
 CARTOCODE SNDINGCODE DEPTH

LAT83 LONG83 NATIVDATUM
 LATDEC: LONDEC: GPQUALITY
 GPSOURCE

PROJECT ITEMSTATUS SEARCHTYPE
 RADIUS INIT ASSIGNED
 TECNIQ

Techniqnote

History

Fieldnote
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage search was done and a contact was located.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removing the wreck symbol from the chart. A wreck should be charted at the new survey position as located above. The LD by echo sounder is 68 ft at LWRP.

 COMPILER'S COMMENTS: Concur w/clarification. Delete dangerous sunken Wk PA (53 ft. rep).
 The new feature is located 120 m north of AWOIS position at Fix 3651+1 T:151156 - see F00476 Evaluation Report section D.1.b.. 10/07/02mf *"/>

Proprietary

YEARSUNK NIMANUM

* Evaluator recommends charting the wreck in 29°-56'-06.68" 90°-03'-18.75" with a depth of 61 feet.

20

RECRD 10892 VESSLTERMS JACK CHART 11368 AREA K
CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 01.9 LONG83 090 03 21.25 NATIVDATUM 31
LATDEC: 29.933861111111 LONDEC: 90.055902777778 GPQUALITY Low
GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS INIT MCR ASSIGNED 3/26/2001
TECNIQ S2,SD,ES

Techniqnote SEARCH 30M OUT FROM AN AXIS DRAWN BETWEEN POS. 29-56-05.1 N 090-03-20.6 W AND 29-55-58.8 N 090-03-21.9W

History HISTORY
NM18/63--THE TUG JACK HAS BEEN REPORTED SUNK ABOUT 200 FEET OF THE PERRY ST WHARF AT ABOUT MILE 96. APPROX. POS. 29 56.0, 090 03.3.

Fieldnote INVESTIGATION DATE(S): 5/24/01 (DN: 144)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 1544-1553 Pos.1268-1293
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar search was conducted and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILER'S COMMENTS: Concur. Delete dangerous sunken wreck PA. 10/02/02mf

Proprietary YEARSUNK 1963 NIMANUM
Print Record

20

RECRD 10893 VESSLTERMS UNKNOWN CHART 11368 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 55 58.8 LONG83 090 03 23.3 NATIVDATUM 06
 LATDEC: 29.933 LONDEC: 90.056472222222 GPQUALITY Med
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 75 INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2.SD

Techniqnote

History HISTORY
 LNM24/86--8TH CGD, 6/18/86; 200 FT LOADED COAL BARGE REPORTED SUNK IN VICINITY OF MILE 96, NEXT TO THE PERRY STEET WHARF IN APPROX. POS. 29 55 58, 090 03 23

Fieldnote INVESTIGATION DATE(S): 5/24/01 (DN: 144)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1515-1538 Pos.1231-1267
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: LAT. 29°56'00.38"N LON. 090°03'26.38"W
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar search was conducted and a wreck was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends charting the wreck symbol with the new survey position at 29°56'00.3"N, 090°03'26.3"W and charting the least depths from the current survey. The least depth by echo sounder is 116 feet.
 COMPILER'S COMMENTS: Concur w/clarification. Fix 3657 T:151606 (Wk located approx. 100m WNW of AWOIS position)
 Delete sunken wreck PA. Add 115 ft. non-dangerous Wk at 29 56 00.65 N, 090 03 26.60 W 10/09/02mf

Proprietary

YEARSUNK 1986 NIMANUM Print Record

.20

RECRD 10894 VESLTERMS UNKNOWN CHART 11368 AREA K
CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 00 LONG83 090 03 20.2 NATIVDATUM 31
LATDEC: 29.9333333333333 LONDEC: 90.0556111111111 GPQUALITY Poor
GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE
RADIUS 0 INIT MCR ASSIGNED 3/26/2001
TECNIQ S2,SD

Techniqnote SEARCH 20M OUT FROM AN AXIS DRAWN BETWEEN POS. 29-55-57.5 N 090-03-20.8 W TO 29-56-02.1 N 090-03-19.9W

History HISTORY
CL81/89--SOURCE DOCUMENT MISSING, CHARTED IN POS.29-55-59.99 N 090-03-20.17 W

Fieldnote INVESTIGATION DATE(S): 5/24/01 (DN: 144)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 1544-1553 Pos.1268-1293
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar search was conducted and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.

COMPILER'S COMMENTS: Do not concur. Echo sounder depth of 77 ft. at Fix 1240 T:152250, with correlating SSS contacts at 1239p-1240p, 1246p-1247p and 1278p, verify presence of wreck.
Delete dangerous sunken wreck PA. Add 77 ft. non-dangerous Wreck in 29 55 59.91 N 090 03 20.71 W 10/09/02mf

Proprietary YEARSUNK NIMANUM [Print Record](#)

20

RECRD 10895 VESSLTERMS POINT LANDING VI CHART 11368 AREA K
 CARTOCODE 0100 SENDINGCODE DEPTH

LAT83 29 55 28.4 LONG83 090 03 59.3 NATIVDATUM 06
 LATDEC: 29.924555555556 LONDEC: 90.066472222222 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 100 INIT MCR ASSIGNED 3/26/2001
 TECHNIQ S2,SD

Techniqnote

History

HISTORY
 LNM19/79--8TH CGD, 4/18/79; THE 70 FT TOWBOAT POINT LANDING VI HAS SUNK AT MILE 96.9, 400 FT OF THE LEFT DESCENDING BANK. OPERATIONS ARE IN PROGRESS TO DETERMINE THE EXACT POSITION. NOTE HAS THE POSITION AT, 29 55 27.7N, 090 03 59W.

Fieldnote

INVESTIGATION DATE(S): 5/29/01 (DN: 149)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1525-1535 Pos.1294-1321
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found.
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar search was done and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILER'S COMMENTS: Concur. Delete dangerous sunken wreck PA. 10/09/02mf

Proprietary

YEARSUNK 1979 NIMANUM

Print Record

20

RECRD 10896 VESSLTERMS N906 CHART 11368 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 55 22.7 LONG83 090 03 45.3 NATIVDATUM 31
 LATDEC: 29.922972222222 LONDEC: 90.062583333333 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2.SD
 Techniqnote SEARCH 20M OUT FROM AN AXIS DRAWN BETWEEN POS. 29-55-26 N 090-03-44.6 W AND 29-55-21.5 N 090-03-48.8 W

History HISTORY
 LNM13/79--8TH CGD, 3/21/79; THE OPEN HOPPER N906, LOADED WITH SCRAP STEEL IS BELIEVED TO BE SUNK APPROX 250 FEET OFF THE RIGHT DESCENDING BANK, MILE 96.8. LEAST DEPTH WAS 128 FT OVER THE BARGE.

Fieldnote INVESTIGATION DATE(S): 5/29/01, 7/18/01 (DN: 149, 199)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1540-1600, 1535-1543 Pos. 1322-1366, 3678-3707
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Various
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: In the course of a side scan investigation several contacts were found in the area of the charted wreck. Development with single beam echosounder found a least depth of 93 feet at Lat. 29°55'23.28", Lon. 90°03'46.74".
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck and charting current survey soundings in the area.

 COMPILER'S COMMENTS: Do not concur. Wreck is not presently charted.
 Echo sounder L.D. 91 ft. at Fix 3695 T:154038 and SSS contacts 1324p, 1336s, confirm wrecks existence.
 Add 91 ft. non-dangerous Wreck at 29 55 23.28 090 03 46.73. 10/09/02mf

Proprietary YEARSUNK 1979 NIMANUM
 Print Record

26

RECRD 10897 VESSLTERMS OBSTRUCTION CHART 11368 AREA K
 CARTOCODE 0067 SENDINGCODE DEPTH

LAT83 29 55 17.3 LONG83 090 04 27.7 NATIVDATUM 06
 LATDEC: 29.921472222222 LONDEC: 90.074361111111 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2,SD

Techniqnote SEARCH 20M OUT FROM AN AXIS DRAWN BETWEEN POS. 29-55-16.3 N 090-04-24.4 W TO 29-55-13.5 N 090-04-31.1 W

History HISTORY
NM6/1966--WRECK BUOY WR6 ESTABLISHED TO MARK AN UNKNOWN OBSTRUCTION WITH A REPORTED LEAST DEPTH OF 40 FT IN POS. 29 55 17, 090 04 27.

Fieldnote INVESTIGATION DATE(S): 5/29/01 (DN: 149)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN:1210 TIME: 1608-1619 Pos.1367-1394
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY:A 200% bottom coverage investigation was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILER'S COMMENTS: Concur. Delete dangerous Obstruction (40 ft rep) 10/15/02mf

Proprietary

YEARSUNK NIMANUM

Print Record

20

RECRD 10898 VESSLTERMS UNKNOWN CHART 11368 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 54 40 LONG83 090 05 19 NATIVDATUM 31
 LATDEC: 29.9111111111111 LONDEC: 90.0886111111111 GPQUALITY Med
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS INIT MCR ASSIGNED 3/26/2001
 TECNIQ

Techniqnote SEARCH 20M OUT FROM AN AXIS DRAWN BETWEEN POS. 29-54-40.8 N 090-05-17.3 W NAD 29-54-39.7 N 090-05-21.4 W

History HISTORY
 LNM30/91--8TH CGD, 7/25/91; A 115 FT COAL BARGE SUNK IN POS. 29 54 40N, 090 05 19W

Fieldnote INVESTIGATION DATE(S): 5/29/01 (DN: 149)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1635-1641 Pos. 1395-1409
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage search was performed and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILER'S COMMENTS: Concur. Delete dangerous sunken Wreck PA. 10/10/02mf

Proprietary YEARSUNK 1991 NIMANUM [Print Record](#)

19

RECRD 10899 VESSLTERMS UNKNOWN CHART 11368 AREA K
CARTOCODE 0067 SENDINGCODE DEPTH

LAT83 29 54 30.8 LONG83 090 05 57.5 NATIVDATUM 31
LATDEC: 29.908555555556 LONDEC: 90.099305555556 GPQUALITY Low
GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 100 INIT MCR ASSIGNED 3/26/2001
TECNIQ

Techniqnote

History HISTORY
LNM22/73--8TH CGD; THE HESS TERMINAL HAS REPORTED TWO THREE PILE DOLPHINS DESTROYED WITH WRECKAGE REMINING BELOW THE SURFACE, APPROX 500 FT OFF THE RIGHT DESCENDING BANK, AT MILE 99.3. THE WRECKAGE IS MARKED WITH THREE 18 INCH BUOYS. CHARTED IN POS.29-54-30.8 N 090-05-57.5 W

Fieldnote INVESTIGATION DATE(S): 5/29/01 (DN: 149)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 1649-1711 Pos.1410-1461
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was conducted and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the piles from the chart.
COMPILER'S COMMENTS: Concur. Delete Subm piles PA. 10/10/02mf

Proprietary

YEARSUNK NIMANUM [Print Record](#)

19

RECRD 10900 VESSLTERMS UNKNOWN CHART 11368 AREA K
 CARTOCODE 0067 SENDINGCODE DEPTH

LAT83 29 54 34.7 LONG83 090 06 44.25 NATIVDATUM 06
 LATDEC: 29.909638888889 LONDEC: 90.112291666667 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 150 INIT MCR ASSIGNED 3/26/2001
 TECNIQ ES

Techniqnote

History HISTORY
 LNM41/80--8TH CGD, 10/1/90; THE COE HAS VERIFIED THAT A SHOAL IS PRESENT IN MID CHANNEL AT MILE 100 WITH 34 FT OVER THE SHOAL. THE SHOAL IS 400 X 75 FT PARALLEL TO THE CENTER OF THE RIVER. A LIGHTED RED BUOY, WITH A QUICK FLASHING LIGHT WAS ESTABLISHED IN THE CENTER OF THE SHOAL IN APPROX POS. 29 54 34N, 090 06 44W

Fieldnote INVESTIGATION DATE(S): 5/29/01 (DN: 149)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1745-1814 Pos. 1488-1564
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A side scan sonar search was done and an area of debris was found but no significant heights were found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the shoal from the chart.
 COMPILER'S COMMENTS: Concur. Delete dangerous Obstruction PA (34 ft rep 1980) 10/09/02mf

Proprietary

YEARSUNK NIMANUM

Print Record

18

RECRD 10901 VESSLTERMS MISTER ED CHART 11368 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 54 34.7 LONG83 090 07 43.2 NATIVDATUM 06
 LATDEC: 29.909638888889 LONDEC: 90.128666666667 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 50 INIT MCR ASSIGNED 3/26/2001
 TECHNIQ S2,SD,ES

Techniqnote

History HISTORY
 LNM05/85--THE 50 FT M/V MISTER ED SUNK IN APPROX POS. 29 54 34N, 090 07 43W NAD 83.

Fieldnote INVESTIGATION DATE(S): 5/29/01 (DN: 149)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1830-1839 Pos.1575-1599
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% side scan sonar investigation was performed and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILER'S COMMENTS: Concur. Delete dangerous sunken wreck PA. 10/09/02mf

Proprietary

YEARSUNK 1985 NIMANUM [Print Record](#)

17

RECRD 10902 VESSLTERMS UNKNOWN CHART 11368 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 54 51 LONG83 090 08 00 NATIVDATUM 31
 LATDEC: 29.914166666667 LONDEC: 90.133333333333 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 100 INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2,SD

Techniqnote

History HISTORY
 LNM9/94--8TH CGD, 1994; GRAIN BARGE SUNK IN APPROX. POS. 29 54 51N, 090 08 00W

Fieldnote INVESTIGATION DATE(S): 6/12/01 (DN: 163)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1738-1749 Pos. 1870-1895
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found.
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was performed and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.

COMPILER'S COMMENTS: Concur. Delete dangerous sunken wreck PA. 10/09/02mf

Proprietary

YEARSUNK 1994 NIMANUM [Print Record](#)

17

RECRD 10903 VESSLTERMS HAZEL W CHART 11368 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 55 12.7 LONG83 090 08 11.2 NATIVDATUM 06
 LATDEC: 29.920194444444 LONDEC: 90.136444444445 GPQUALITY Med
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 75 INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2,SD

Techniqnote

History HISTORY
 LNM12/76--8TH CGD, 3/24/76; THE 45 FOOT TUG HAZEL W HAS BEEN REPORTED SUNK AT MILE 101-5 IN APPROX POS. 29 55 12N, 090 08 11W. THE WRECK HAS 70 FEET OF WATER REPORTED OVER IT WITH THE NEW ORLEANS R GAGE READING AT PLUS 8 FEET.

Fieldnote INVESTIGATION DATE(S): 6/12/01 (DN: 163)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1754-1804 Pos. 1896-1920
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar search was done and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILER'S COMMENTS: Concur. Delete dangerous sunken wreck PA. 10/10/02mf

Proprietary

YEARSUNK 1976 NIMANUM Print Record

17

RECRD 10904 VESSLTERMS GAZOO CHART 11368 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 13 LONG83 090 08 14 NATIVDATUM 31
 LATDEC: 29.9369444444444 LONDEC: 90.1372222222222 GPQUALITY Med
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 75 INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2,SD

Techniqnote

History HISTORY
LNM23/90--8TH CGD, 5/5/90; M/V GAZOO SUNK INAPPROX POS. 29 56 13N, 090 08 14W.

Fieldnote INVESTIGATION DATE(S): 6/13/01 (DN: 164)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 1447-1507 Pos. 1921-1963
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.

COMPILER'S COMMENTS: Concur w/clarification. Wreck is not presently charted. SSS images at 1933p-1936p, 1952p-1956p & 1959s-1961s, confirm wrecks existence. No L.D. was determined.
Add non-dangerous wreck in 29 56 15.54N 090 08 18.75W.
Additional work is recommended to determine depth. 10/10/02mf

Proprietary

YEARSUNK 1990 NIMANUM

Print Record

RECRD 10905 VESSLTERMS UNKNOWN CHART 11368 AREA K
 CARTOCODE 0100 SENDINGCODE DEPTH

LAT83 29 56 24 LONG83 090 08 19.2 NATIVDATUM 31
 LATDEC: 29.94 LONDEC: 90.138666666667 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 100 INIT MCR ASSIGNED 3/26/2001
 TECNIQ S2.SD

Techniqnote

History HISTORY
 LNM9/94--8TH CGD, 1994; A GRAIN BARGE WAS REPORTED SUNK IN POS. 29 56 24N, 090 08 19.2W NAD 83

Fieldnote INVESTIGATION DATE(S): 6/13/01 (DN: 164)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1509-1520 Pos. 1964-1994
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was conducted and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILERS COMMENTS: Concur. Delete dangerous sunken Wreck PA. 10/15/02mf

Proprietary

YEARSUNK 1994 NIMANUM [Print Record](#)

16

RECRD VESSLTERMS CHART AREA
CARTOCODE SNDINGCODE DEPTH

LAT83 LONG83 NATIVDATUM
LATDEC: LONDEC: GPQUALITY
GPSOURCE

PROJECT ITEMSTATUS SEARCHTYPE
RADIUS INIT ASSIGNED
TECNIQ

Techniqnote

History

Fieldnote

Proprietary

YEARSUNK NIMANUM

16

RECRD 11039 VESSLTERMS OBSTRUCTION CHART 11370 AREA K
 CARTOCODE 0067 SENDINGCODE DEPTH

LAT83 29 56 26.2 LONG83 090 08 30.7 NATIVDATUM 31
 LATDEC: 29.940611111111 LONDEC: 90.141861111111 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS INIT MCR ASSIGNED 4/18/2001
 TECNIQ S2.SD
 Techniqnote CONDUCT A SEARCH 20M OUT FROM AN AXIS DRAWN BETWEEN POS.29-56-21 N 090-08-30.5 W TO 29-56-31.00 N 090-08-31 W

History HISTORY
 LNM58/71--7/19/71, 8TH CGD; AN UNDETERMINED AMOUNT OF SCRAP METAL HAS BEEN REPORTED DUMPED AT APPROX MILE 103.3, 200 FT OFF THE RIGHT DESCENDING BANK BY AN OVERTURNED BARGE. DEPTH OVER THE SCARP IS UNKNOWN. CHARTED IN POS. 29-56-26.2N 090-08-30.7 W

Fieldnote INVESTIGATION DATE(S): 6/13/01 (DN: 164)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1546-1554 Pos. 2035-2060
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan search was done and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the obstruction from the chart.
 COMPILERS COMMENTS: Concur. Delete dangerous Obstruction PD. 10/15/02mf

Proprietary YEARSUNK NIMANUM [Print Record](#)

16

RECRD 10975 VESSLTERMS WILLIAM L CHART 11370 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 38.7 LONG83 090 09 57.3 NATIVDATUM 06
 LATDEC: 29.9440833333333 LONDEC: 90.1659166666667 GPQUALITY Med
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 100 INIT GAI ASSIGNED 5/1/2001
 TECNIQ S2.SD

Techniqnote

History HISTORY
 LNM 28/75--8TH CGD, 07/16/75; THE M/V WILLIAM L. HAS BEEN REPORTED SUNK AT MILE 106 ABOVE HEAD OF
 PASSES IN APPROX POS. 29 56 38N, 090 09 57W NAD 27. U.S. CORPS OF ENGINEERS HAS ADVISED THAT 76FT OF
 WATER WAS OVER THE VESSEL AS OF 9 JULY 1975.

Fieldnote INVESTIGATION DATE(S): 6/13/01 (DN: 164)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1649-1709 Pos.2128-2177
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found.
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation wsa performed and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILERS COMMENTS: Concur. Delete dangerous sunken Wreck PA. 10/14/02mf

Proprietary

YEARSUNK 1975 NIMANUM

Print Record

15

RECRD 10976 VESSLTERMS DR. E. W. BROWN CHART 11370 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 55 26.7 LONG83 090 11 33.8 NATIVDATUM 06
 LATDEC: 29.924083333333 LONDEC: 90.192638888889 GPQUALITY Low
 GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS INIT GAI ASSIGNED 5/1/2001

TECNIQ S2.SD
 Techniqnote CONDUCT A SEARCH 30M OUT FROM AN AXIS DRAWN BETWEEN POS. 29-55-27.8 N 090-11-29.5 W AND 29-55-24.2N 090-11-35.2 W

History HISTORY
 LNM 4/89--8TH CGD, 01/24/89; THE M/V DR. E. W. BROWN HAS BEEN REPORTED SUNK IN APPROX POS. 29 55 30N, 090 11 35W NAD 27.
 LNM 17/89--8TH CGD, 04/25/89; THE M/V DR. E. W. BROWN PREVIOUSLY REPORTED SUNK IN VICINITY OF MILE 108.2 AHP, IS NOW REPORTED TO HAVE BEEN LOCATED APPROX. 140FT FROM THE FACE OF THE T AND T BARGE SERVICE DOCK AT APPROX. MILE 107.3, AHP, LDB WITH APPROX. 43FT OVER THE WRECK. NOW CHARTED IN POS. 29 55 26.7N, 090 11 33.8W NAD 83.

Fieldnote INVESTIGATION DATE(S): 6/14/01 (DN:165)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME:1536-1550 Pos. 2271-2307
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar search was done and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILERS COMMENTS: Concur. Delete dangerous sunken Wreck PA. 10/14/02mf

Proprietary YEARSUNK 1989 NIMANUM Print Record

14

RECRD 10977 VESSLTERMS UNKNOWN CHART 11370 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 55 32.9 LONG83 090 12 31.6 NATIVDATUM 31
 LATDEC: 29.9258055555556 LONDEC: 90.2087777777778 GPQUALITY Low
 GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 150 INIT GAI ASSIGNED 5/1/2001
 TECNIQ S2,SD
 Techniqnote SEARCH IN DEPTHS LESS THAN 30 FEET NOT REQUIRED

History HISTORY
 LNM84/70--8TH CGD, 9/1/70; A CRANE BARGE HAS BEEN REPORTED SUNK IN THE VICINITY OF MILE 109 AHP, APPROX. 100 FT. OFF THE LEFT DESCENDING BANK, IN 90 FEET OF WATER. SALVAGE OPERATIONS MAY BE UNDERWAY.
 LNM90/70--8TH CGD, 9/21/70; PREVIOUSLY REPORTED CRANE BARGE HAS SLIPPED INTO DEEPER WATER. CLEARANCE OVER THE BARGE IS REPORTED AS 50 FT.

Fieldnote INVESTIGATION DATE(S): 6/14/01 (DN: 165)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1559-1613 Pos.2308-2350
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was performed and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILERS COMMENTS: Concur. Delete dangerous sunken Wreck PA (50 ft rep). 10/14/02mf

Proprietary YEARSUNK 1970 NIMANUM
 Print Record

13

RECRD 10978 VESSLTERMS ELMAR 1 AND 2 CHART 11370 AREA K
 CARTOCODE 0100 SENDINGCODE DEPTH

LAT83 29 58 11.0 LONG83 090 14 35.6 NATIVDATUM
 LATDEC: 29.969722222222 LONDEC: 90.243222222222 GPQUALITY Low
 GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 70 INIT GAI ASSIGNED 5/1/2001
 TECNIQ S2.SD

Techniqnote

History HISTORY
 LNM 8/76--8TH CGD, 02/25/76; TWO DERRICK BARGES , THE ELMAR NUMBER 1 AND THE ELMAR NUMBER 2, HAVE BEEN REPORTED SUNK AT THE MILE 113.2 ABOVE THE HEAD OF PASSES. ONE BARGE IS LOCATED 40 YDS OFF THE LEFT DESCENDING BANK WITH A PORTION OF THE DERRICK SHOWING TWO FEET ABOVE THE WATER. THE OTHER BARGE IS LOCATED 125 YDS OFF THE LEFT DESCENDING BANK AND IS APPROXIMATELY 38FT BELOW THE WATER SURFACE. NOW CHARTED IN APPROX POS. 29 55 30N, 090 11 35W NAD 83.

Fieldnote INVESTIGATION DATE(S): 6/14/01 (DN: 165)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: Pos. 2351-2397
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was performed and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILERS COMMENTS: Concur. Delete dangerous sunken Wrecks PA. 10/14/02mf

Proprietary

YEARSUNK 1976 NIMANUM

Print Record

12

RECRD VESLTERMS CHART AREA
 CARTOCODE SNDINGCODE DEPTH

LAT83 LONG83 NATIVDATUM
 LATDEC: LONDEC: GPQUALITY
 GPSOURCE

PROJECT ITEMSTATUS SEARCHTYPE
 RADIUS INIT ASSIGNED
 TECNIQ

Techniqnote

History
 NM34/66--THE C OF E ADVISED THAT A SEARCH FAILED TO LOCATE A SUNKEN BARGE IN THE VICINITY OF POS. 29 57 54N, 90 16 49W, NAD 27.

Fieldnote
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the Awois wreck and the charted wreck PA from the chart and charting current survey depths in the area.

 COMPILERS COMMENTS: Concur with hydrographer's recommendation in DR, pg.8.
 SSS contacts 2486p-2487p, 2509s-2510s and 2604s confirm scattered Obstructions. Fix 3124 T:144228, 28 ft. L.D.
 Delete dangerous sunken Wreck PD. Add 28 ft. dangerous Obstruction in 29 57 50.22 90 16 49.53 .
 See also the Evaluation Report section D1.c & D1.d. 10/14/02mf
 * Also chart 26ft Obstrn. in 29°-57'-54.11"
 90°-16'-40.22"

Proprietary

YEARSUNK NIMANUM

mcf
4/1/03

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RECRD VESSLTERMS CHART AREA
CARTOCODE SNDINGCODE DEPTH

LAT83 LONG83 NATIVDATUM
LATDEC: LONDEC: GPQUALITY
GPSOURCE

PROJECT ITEMSTATUS SEARCHTYPE
RADIUS INIT ASSIGNED
TECNIQ

Techniqnote

History HISTORY
LNM 12/83--8TH CGD, 03/23/83; THE M/V LITTLE HENRY HAS SUNK AT THE FLOWER FLEETING AREA AT MILE 115.4 ABOVE HEAD OF PASSES APPROX. 10FT FROM THE LEFT DESCENDING BANK WITH APPROX. 10FT OVER THE VESSEL.
LNM 13/83--8TH CGD, 03/30/83; THE M/V LITTLE HENRY PREVIOUSLY REPORTED SUNK AT THE FLOWER FLEETING AREA AT MILE 115.4 ABOVE THE HEAD OF PASSES APPROX. 10FT FROM LEFT DESCENDING BANK WITH APPROX. 10FT OF WATER OVER THIS VESSEL, HAS BEEN FOUND TO BE APPROX. 350FT FROM THE BANK WITH APPROX. 57FT OF WATER OVER THE M/V. NOW CHARTED IN APPROX POS. 29 58 03N, 090 17 21W NAD 83.

Fieldnote INVESTIGATION DATE(S): 6/18/01 (DN: 169)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 1756-1819 Pos. 2659-2713
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILERS COMMENTS: Concur. Delete dangerous sunken wreck. 10/16/02mf

Proprietary

YEARSUNK NIMANUM

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RECRD 10981 VESLTERMS PERRY LOBRANO CHART 11370 AREA K
CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 18.0 LONG83 090 18 55.0 NATIVDATUM 31
LATDEC: 29.938333333333333 LONDEC: 90.3152777777778 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 70 INIT GAI ASSIGNED 5/1/2001
TECNIQ S2.SD

Techniqnote

History HISTORY
LNM 52/96--8TH CGD, 12/24/96; 65FT TUG PERRY LOBRANO HAS SUNK IN THE APPROX POS. 29 56 18N, 090 18 55W NAD 83.

Fieldnote INVESTIGATION DATE(S): 6/19/01 (DN: 170)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 1543-1556 Pos. 2800-2830
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan investigation was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILERS COMMENTS: Concur. Delete dangerous sunken wreck PA. 10/16/02mf

Proprietary

YEARSUNK 1996

NIMANUM

Print Record

10

RECRD 10982 VESLTERMS UNKNOWN CHART 11370 AREA K
CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 00.7 LONG83 090 20 18.3 NATIVDATUM 06
LATDEC: 29.933527777778 LONDEC: 90.338416666667 GPQUALITY Low
GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 200 INIT GAI ASSIGNED 5/1/2001
TECNIQ S2,SD

Techniqnote

History HISTORY
LNM46/88--8TH CGD, 11/15/88; THE 195 X 35 FOOT HOPPER BARGE XL 208, LOADED WITH BAUXITE, WAS REPORTED SUNK NEAR APPROX. MILE 119.4 ABOVE HEAD OF PASSES. THE BARGE HAS BEEN LOCATED IN APPROX. POS. 29 56 00N, 90 20 18W WITH APPROX 60 FT OVER THE WRECK.

Fieldnote INVESTIGATION DATE(S): 6/19/01 (DN: 170)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 1620-1747 Pos.2831-3032
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan investigation was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
EVALUATOR COMMENTS: Concur. Delete dangerous sunken wreck PA. 10/16/02mf

Proprietary

YEARSUNK NIMANUM Print Record

9

RECRD 10983 VESLTERMS UNKNOWN CHART 11370 AREA K
CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 11.0 LONG83 090 20 23.0 NATIVDATUM 31
LATDEC: 29.936388888889 LONDEC: 90.339722222222 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 50 INIT GAI ASSIGNED 5/1/2001
TECNIQ S2.SD

Techniqnote

History HISTORY
LNM 47/95--8TH CGD, 11/21/95; A BARGE HAS SUNK IN THE APPROX POS. 29 56 11N, 090 20 23W NAD 83.

Fieldnote INVESTIGATION DATE(S): 6/19/01 (DN: 170)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: Pos. 3033-3052
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan investigation was done and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.

COMPILERS COMMENTS: Concur. Delete dangerous sunken Wreck PA. 10/16/02mf

Proprietary

YEARSUNK 1995 NIMANUM

Print Record

9

RECRD 10994 VESSLTERMS OBSTRUCTION CHART 11370 AREA K
CARTOCODE 0067 SENDINGCODE DEPTH

LAT83 29 56 24.7 LONG83 090 21 42.3 NATIVDATUM 06
LATDEC: 29.940194444444 LONDEC: 90.36175 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 100 INIT GAI ASSIGNED 5/1/2001
TECNIQ S2.SD

Techniqnote

History HISTORY
LNM 18/87--8TH CGD, 5/6/87; AN UNKNOWN OBSTRUCTION (DEPTH OVER OBSTRUCTION UNKNOWN) AT MILE 121.1
APPROX 50FT FROM RDB HAS BEEN FOUND IN THE APPROX POS. 29 56 24N, 090 21 42W.
**** DESCRIBED POS. DOES NOT AGREE WITH GP GIVEN.

Fieldnote INVESTIGATION DATE(S): 6/20/01 (DN: 171)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 1504-1531 Pos. 3134-3199
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan search was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the obstruction from the chart.
COMPILERS COMMENTS: Concur. Delete dangerous Obstruction . 10/16/02mf

Proprietary

YEARSUNK 1987 NIMANUM

Print Record

8

RECRD 10984 VESSLTERMS OBSTRUCTION CHART 11370 AREA K
 CARTOCODE 0067 SENDINGCODE DEPTH

LAT83 29 56 12.7 LONG83 090 21 57.3 NATIVDATUM
 LATDEC: 29.9368611111111 LONDEC: 90.3659166666667 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 50 INIT GAI ASSIGNED 5/1/2001
 TECNIQ S2

Techniqnote

History **HISTORY**
 LNM 8/89--8TH CGD, 2/21/89; A SUBMERGED OBSTRUCTION HAS BEEN REPORTED IN THE APPROX POS. 29 56 12N, 090 21 57W NAD 27.

Fieldnote
 INVESTIGATION DATE(S): 6/20/01 (DN: 171)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1536-1555 Pos. 3200-3239
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% side scan search was done and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILERS COMMENTS: Concur. Delete dangerous Obstruction PA . 10/16/02mf

Proprietary

YEARSUNK 1989 NIMANUM

[Print Record](#)

8

RECRD 10985 VESSLTERMS UNKNOWN CHART 11370 AREA K
CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 29 56 32.2 LONG83 090 22 53.7 NATIVDATUM 31
LATDEC: 29.942277777778 LONDEC: 90.381583333333 GPQUALITY Low
GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS INIT GAI ASSIGNED 5/1/2001

TECNIQ S2.SD
Techniqnote SEARCH 30M OUT FROM AN AXIS DRAWN BETWEEN POS.29-56-30.3 N 090-22-48.1 W AND 29-56-35.2 N 090-22-59.1 W

History HISTORY
LNM 38/81--8TH CGD, 9/16/81; A BARGE AND M/V STEAM-7 HAVE BEEN REPORTED SUNK AT APPROX MILE 122 ABOVE HEAD OF PASSES NEAR THE RIGHT DESCENDING BANK. NOW CHARTED AT THE POS. 29 56 32.2N, 090 22 53.7W NAD 83.

Fieldnote INVESTIGATION DATE(S): 6/20/01 (DN: 171)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 1609-1629 Pos.3240-3294
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan search was conducted and no contacts were found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILERS COMMENTS: Concur. Delete dangerous sunken Wrecks PA. 10/16/02mf

Proprietary YEARSUNK 1981 NIMANUM Print Record

7

RECRD 10986 VESLTERMS MARGIE P CHART 11370 AREA K
CARTOCODE 0102 SNDINGCODE DEPTH

LAT83 29 56 48.2 LONG83 090 22 56.8 NATIVDATUM
LATDEC: 29.946722222222 LONDEC: 90.382444444444 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 100 INIT GAI ASSIGNED 5/1/2001
TECNIQ S2.SD

Techniqnote

History HISTORY
LNM 3/81--8TH CGD, 1/19/83; THE 54FT TUG BOAT MARGIE P IS REPORTED SUNK AT MILE 122.2 ABOVE HEAD OF PASSES, APPROX 1,500FT FROM THE RIGHT DESCENDING BANK AT THE APPROX POS. 29 56 47.5N, 090 22 56.5W NAD 27.
CL456/97--NOS, 4/3/97; OFFICE EVALUATION OF CHARTED WRECKS, REVISED SUBMERSED WRECK SYMBOL TO NON-DANGEROUS WRECK.

Fieldnote INVESTIGATION DATE(S): 6/20/01 (DN: 171)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 TIME: 1631-1700 Pos. 3295-3351
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage side scan investigation was done and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.

COMPILERS COMMENTS: Concur. Delete dangerous sunken Wreck PA. 10/17/02mf

Proprietary

YEARSUNK 1981 NIMANUM Print Record

7

RECRD 10995 VESSLTERMS PANAMA CITY CHART 11370 AREA K
 CARTOCODE 0102 SENDINGCODE DEPTH

LAT83 29 59 05.20 LONG83 090 23 55.58 NATIVDATUM
 LATDEC: 29.984777777778 LONDEC: 90.398772222222 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 100 INIT GAI ASSIGNED 5/1/2001
 TECNIQ S2.SD

Techniqnote SEARCH NOT REQUIRED IN DEPTHS OVER 75 FT

History HISTORY
 LNM 43/79--8TH CGD, 10/17/79; THE BARGE PANAMA CITY HAS BEEN REPORTED SUNK AT MILE 125.1 AHP, 300FT OFF THE CHARLES PARRISH WATER INTAKE STRUCTURE, ON THE LEFT DESCENDING BANK, WITH A BUTANE TANK ON OR NEAR THE WRECK. THE WRECK, HAD 57FT OF WATER OVER IT ON SEPTEMBER 4/1974 WITH A CARROLLTON GAUGE READING +5.8FT.
 CL456/97--NOS, 4/3/97; REVISED SUBMERSED WRECK (PA) SYMBOL TO NON-DANGEROUS WRECK (PA).
 AT THE POS. 29 59 5.20N, 090 23 55.58W NAD 83.

Fieldnote INVESTIGATION DATE(S): 6/20/01, 8/07/01 (DN: 171,219)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1718-1746, 1824-1836 Pos. 3352-3403, 3851-3887
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Various
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan investigation was conducted and several contacts were found. Further single beam echosounder development revealed a least depth of 58 feet at Lat. 29°59'06.35", Lon. 90°23'54.83".
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck and charting current survey soundings in the area.
 COMPILERS COMMENTS: Do not concur. Echo sounder L.D. 56 ft. Fix 3852 T:182450. SSS contacts 3373-3375, 3386-3388s, 3398-3400p. Confirm wrecks existence.
 Delete non-dangerous wreck PA. Add 56 ft. dangerous wreck in 29 59 06.35 090 23 54.83. 10/17/02mf

Proprietary YEARSUNK 1979 NIMANUM Print Record

6

RECRD 10987 VESSLTERMS HARDWORK CHART 11370 AREA K
 CARTOCODE 0102 SNDINGCODE DEPTH

LAT83 29 59 00.7 LONG83 090 24 00.3 NATIVDATUM 06
 LATDEC: 29.983527777778 LONDEC: 90.400083333333 GPQUALITY Low
 GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS INIT GAI ASSIGNED 5/1/2001
 TECNIQ S2.SD

Techniqnote SEARCH AREA BASED ON DESCRIPTION AS OPPOSED TO GENERAL GP GIVEN. SEARCH 70M OUT FROM AN AXIS DRAWN BETWEEN POS.29-58-57.9 N 090-23-55.2 W AND 29-59-05.2 N 090-24-02.5 W

History HISTORY
 LNM 28/72--8TH CGD, 4/6/72; TUG HARDWORK, PREVIOUSLY REPORTED SUNK 150 YARDS FROM LEFT DESCENDING BANK MILE 125 ABOVE HEAD OF PASSES, HAS NOW BEEN REPORTED A QUARTER OF A MILE DOWNSTREAM FROM THE GENERAL AMERICAN TRANSPORTATION CORP., VICINITY OF MILE 125 ABOVE HEAD OF PASSES, 250 TO 300 YARDS FROM LEFT DESCENDING BANK IN APPROX 90FT OF WATER. WRECK IS UNMARKED.
 CHARTED AT THE POS. 29-59-00 N 090-24-00 W NAD 27.
 CL456/97--NOS, 4/3/97; REVISED SUBMERGED WRECK SYMBOL TO A NON-DANGEROUS WRECK. CHARTED AT THE POS. 29-59-00.2 N 090-24-00.5 W NAD 83.

Fieldnote INVESTIGATION DATE(S): 6/20/01 (DN: 171)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1750-1812 Pos. 3404-3454
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar investigation was conducted and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILERS COMMENTS: Concur. Delete non-dangerous sunken Wreck PA. 10/17/02mf

Proprietary YEARSUNK 1972 NIMANUM Print Record

6

RECRD 10988 VESSLTERMS UNKNOWN CHART 11370 AREA K
CARTOCODE 0100 SENDINGCODE DEPTH

LAT83 29 59 36.7 LONG83 090 25 36.3 NATIVDATUM 06
LATDEC: 29.993527777778 LONDEC: 90.42675 GPQUALITY Low
GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS 200 INIT GAI ASSIGNED 5/1/2001
TECNIQ S2,SD

Techniqnote CONDUCT A SEARCH 100M OUT FROM AN AXIS DRAWN BETWEEN POINTS 29-56-00.00 N 090-20-11 W AND 29-56-00 N 090-20-26 W

History HISTORY
NM52/61--BUOY ESTABLISHED APPROX 50 FT, 82 DEG T, FROM REPORTED POSITION OF A DRAG LINE BARGE SUNK AT APPROX MILE 127. BUOY ESTABLISHED 600 FT OFF RIGHT DESCENDING BANK IN 76 FT OF WATER. APPROX. POS. 29 59 36N, 090 25 36W.
NM2/62--BUOY DISCONTINUED, LEAST DEPTH OF 50 FEET REPORTED OVER THE WRECK.

Fieldnote INVESTIGATION DATE(S): 8/07/01 (DN: 219)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 Pos. 3771-3850 TIME: 1717-1811
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage investigation was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILERS COMMENTS: Concur. Delete dangerous sunken wreck PA (50 ft rep). 10/17/02mf

Proprietary YEARSUNK 1961 NIMANUM
Print Record

5

RECRD 10989 VESSLTERMS OBSTRUCTION CHART 11370 AREA K
 CARTOCODE 0067 SNDINGCODE DEPTH

LAT83 30 00 10.6 LONG83 090 28 28.9 NATIVDATUM 31
 LATDEC: 30.002944444444 LONDEC: 90.474694444445 GPQUALITY Low
 GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 50 INIT GAI ASSIGNED 5/1/2001
 TECNIQ S2,SV,ES,SD

Techniqnote

History HISTORY
 SOURCE UNKNOWN; SUBMERGED OBSTRUCTION AND SUBMERGED PILES APPEAR ON 1976 ED, IN POS.30 00 10.6N,
 090 28 28.9W.

Fieldnote INVESTIGATION DATE(S): 8/07/01 (DN:219)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 Pos.3762-3770 TIME:1644-1649
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found.
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan sonar search was conducted and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the submerged obstruction
 and piles from the chart.
 COMPILERS COMMENTS: Concur. Delete dangerous Obstruction symbol and notation "Subm piles". 10/17/02mf

Proprietary

YEARSUNK NIMANUM

Print Record

4

RECRD 10990 VESSLTERMS UNKNOWN CHART 11370 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 30 02 24.7 LONG83 090 38 10.3 NATIVDATUM 06
 LATDEC: 30.040194444444 LONDEC: 90.636194444445 GPQUALITY Med
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 100 INIT GAI ASSIGNED 5/1/2001
 TECNIQ S2.SD

Techniqnote

History HISTORY
 LNM 23/77--8TH CGD, 7/20/77; A SUNKEN BARGE HAS BEEN LOCATED APPROX 2000FT UP RIVER FROM MILE 143 ABOVE HEAD OF PASSES AND ABOUT 1000FT OFF THE RIGHT DESCENDING BANK. ABOUT 10 TO 20FT IS REPORTED OVER THE WRECK AT THE PRESENT RIVER STAGE. A BLACK CAN BUOY HAS BEEN ESTABLISHED TEMPORAILY TO MARK THE WRECK IN POSITION LAT 30 02 24N, LONG 090 38 10W IN 33FT OF WATER.

Fieldnote INVESTIGATION DATE(S): 8/07/01 (DN:219)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 Pos. 3744-3761 TIME: 1530-1543
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A Side scan sonar search was done in the area of the charted sunken barge, but the search area was limited by numerous moored barges drafting up to 10 feet along shore. Nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILERS COMMENTS: Concur. Delete dangerous sunken Wreck PA. 10/17/02mf

Proprietary

YEARSUNK 1977 NIMANUM [Print Record](#)

3

RECRD 10991 VESSLTERMS OBSTRUCTION CHART 11370 AREA K
CARTOCODE 0067 SNDINGCODE DEPTH

LAT83 30 02 45.0 LONG83 090 40 40.0 NATIVDATUM
LATDEC: 30.0458333333333 LONDEC: 90.6777777777778 GPQUALITY Low
GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
RADIUS INIT GAI ASSIGNED 5/1/2001
TECNIQ S2.SD

Techniqnote CONDUCT A SEARCH 30M OUT FROM AN AXIS DRAWN BETWEEN POS. 30-02-46.9 N 090-40-36.7 W AND 30-02-43.5 N 090-40-43.0 W

History HISTORY
LNM 47/92--8TH CGD, 11/7/92; DESTROYED MOORING DOLPHIN AT POS 30 02 45.0N, 090 40 40.0W.

Fieldnote INVESTIGATION DATE(S): 8/07/01 (DN:219)
HYDROGRAPHIC SURVEY NUMBER: F-00476
VN: 1210 Pos. 3726-3743 TIME: 1453-1506
INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
SURVEYED POSITION: Not Found.
POSITION DETERMINED BY: DIFFERENTIAL GPS
INVESTIGATION SUMMARY: A 200% bottom coverage investigation was performed and nothing was found.
CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
COMPILERS COMMENTS: Concur. Delete dangerous Obstruction 10/17/02mf

Proprietary

YEARSUNK 1992 NIMANUM

Print Record

2

RECRD 10992 VESLTERMS OBSTRUCTION CHART 11370 AREA K
 CARTOCODE 0067 SNDINGCODE DEPTH

LAT83 30 02 29 LONG83 090 41 00.0 NATVDATUM
 LATDEC: 30.041388888889 LONDEC: 90.683333333333 GPQUALITY Low
 GPSOURCE Direct

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS 75 INIT GAI ASSIGNED 5/1/2001
 TECNIQ S2.SD

Techniqnote

History

HISTORY
 LNM 02/91--8TH CGD, 01/7/91; THE GRAIN BARGE ABC-921 HAS BEEN REPORTED SUNK OFF THE LEFT DESCENDING BANK AT APPROXIMATE MILE 146.7, MISSISSIPPI RIVER. THE BARGE IS REPORTED TO BE RESTING ON TOP OF AN ANCHOR AND CHAIN AND THE CHAIN HAS BEEN MARKED WITH AN UNLIGHTED BUOY. A TOTAL OF FIVE BUOYS (FOUR UNLIGHTED AND ONE LIGHTED SHOWING QUICK - FLASHING WHITE) HAVE BEEN REPORTED ESTABLISHED IN THIS AREA TO MARK THE BARGE, ANCHOR AND CHAIN REPORTED AT APPROX POS. 30 02 29N, 090 41 00.0W.
 LNM 45/91--8TH CGD, 11/5/91; THE GRAIN BARGE ABC-921 WAS PREVIOUSLY REPORTED SUNK OFF THE LEFT DESCENDING BANK AT APPROX MILE 146.7, MISSISSIPPI RIVER. THE BARGE WAS REPORTED RESTING ON TOP OF AN ANCHOR AND CHAIN AND WAS MARKED WITH AN UNLIGHTED BUOY. FIVE BUOYS WERE ESTABLISHED IN THIS AREA. THE BARGE HAS NOW BEEN REPORTED SALVAGED, AND THIS BUOYS DISCONTINUED. HOWEVER, THE ANCHOR AND CHAINING REMAIN ON THE BOTTOM AND ARE NO LONGER MARKED.

Fieldnote

INVESTIGATION DATE(S): 7/11/01 (DN: 192)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1650-1702 Pos. 3587-3610
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan investigation was done and nothing was found.
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILERS COMMENTS: Concur. Delete dangerous Obstruction PA. 10/17/02mf

Proprietary

YEARSUNK 1991 NIMANUM

Print Record

2

RECRD 10993 VESSLTERMS OR-3122 CHART 11370 AREA K
 CARTOCODE 0100 SNDINGCODE DEPTH

LAT83 30 00 53.6 LONG83 090 44 11.2 NATIVDATUM 31
 LATDEC: 30.014888888889 LONDEC: 90.736444444444 GPQUALITY Low
 GPSOURCE Scaled

PROJECT OPR-K406 ITEMSTATUS Assigned SEARCHTYPE Full
 RADIUS INIT GAI ASSIGNED 5/1/2001
 TECNIQ S2.SD

Techniqnote SEARCH 100M OUT FROM AN AXIS DRAWN BETWEEN POS.30-00-52.6 N 090-44-03.8 W AND
 POS.30-00-54.7 N 090-44-18.5 W

History HISTORY
 LNM 17/80--8TH CGD, 4/16/80; A LOADED GRAIN BARGE SUNK AT MILE 150.2 ABOVE HEAD OF PASSES NEAR MID CHANNEL. THE LEAST CLEAR DEPTH OVER THE BARGE WAS APPROX 64FT ON 16 APRIL 1980. A MORE DETAILED SURVEY TO LOCATE THE EXACT POSITION OF THE BARGE IS PLANNED BY THE CORPS OF ENGINEERS.
 LNM 36/80--8TH CGD, THE GRAIN BARGE OR-3122 PREVIOUSLY REPORTED SUNK AT MILE 150.2 WAS LOCATED AT MILE 150.5 BY DIVERS. ON JULY 15, 1980, THE ATTENDING MARINE DIVER FOUND THE BARGE OR-3122 SUNK WITH 59FT OF WATER OVER ITS HIGHEST POINT. SUBJECT BARGE WAS FOUND TO BE LAYING FLAT AND IN A BROKEN CONDITION NEAR ITS MID-SHIP. NO SALVAGE OPERATIONS ARE PLANNED.
 NOW CHARTED AT THE POS. 30-00-53.6 N 090-44-11.2 W NAD 83.

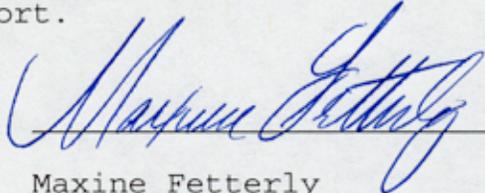
Fieldnote INVESTIGATION DATE(S): 7/11/01 (DN: 192)
 HYDROGRAPHIC SURVEY NUMBER: F-00476
 VN: 1210 TIME: 1532-1605 Pos. 3499-3586
 INVESTIGATION METHODS USED: (IE DI, 200% SIDE SCAN SONAR, ECHO SOUNDER) Side Scan Sonar
 SURVEYED POSITION: Not Found
 POSITION DETERMINED BY: DIFFERENTIAL GPS
 INVESTIGATION SUMMARY: A 200% bottom coverage side scan investigation was performed and nothing was found,
 CHARTING RECOMMENDATION (HYDROGRAPHER): The hydrographer recommends removal of the wreck from the chart.
 COMPILERS COMMENTS: Concur. Delete dangerous sunken wreck PA. 10/17/02mf

Proprietary YEARSUNK 1980 NIMANUM [Print Record](#)

APPROVAL SHEET
F00476

Initial Approvals:

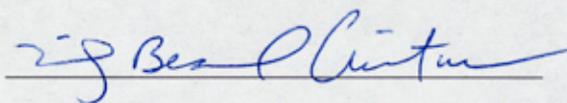
The completed survey has been inspected with regard to survey coverage, delineation of depth curves, development of critical depths, cartographic symbolization, and verification or disapproval of charted data. The digital data have been completed and all revisions and additions made to the smooth sheet during survey processing have been entered in the digital data for this survey. The survey records and digital data comply with NOS requirements except where noted in the Evaluation Report.



Date: 11/20/02

Maxine Fetterly
Cartographer
Atlantic Hydrographic Branch

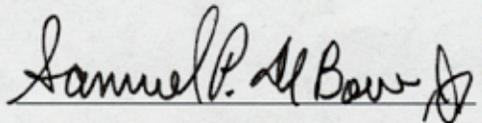
I have reviewed the smooth sheet, accompanying data, and reports. This survey and accompanying digital data meet or exceed NOS requirements and standards for products in support of nautical charting except where noted in the Evaluation Report.



Date: 12/2/02

Emily B. Christman
Commander, NOAA
Chief, Atlantic Hydrographic Branch

Final Approval:

Approved: 

Date: 4/14/02

Samuel P. DeBow, Jr.
Captain, NOAA
Chief, Hydrographic Surveys Division

AWOIS/SURF
MUR 4/3/03

90° 44' 30"

90° 44' 00"

90° 44' 00" W

NAD 27 30° 01' 00" N

30° 01' 00"

CHECKED BY: R.L.K.SR
02/26/2002

8484838281 81 8385888788 9087 818395
 7782837975 727381 81787981 81 79768191
 71 7573717066697473757269717673706878
 67 666664646765646566 626263636266
 61 59616061 605857575858 58575755

30° 00' 30"

F00476
 LOUISIANA
 MISSISSIPPI RIVER
 NEW ORLEANS
 17 APRIL 2001 TO 07 AUG 2001
 1:10,000
 NORTH AMERICAN DATUM OF 1983
 SOUNDINGS IN FEET AT LWRP
 SHEET 1 OF 25
 AWOIS 10993

90° 41'00"

90° 40'30"

90° 40' 30" W

NAD 27 30° 03' 00" N

30° 03'00"

CHECKED BY: R.L.K.SR
02/26/2002

70
69
70 71
69
59 70 69
57 51
66
69 67
68 66

50
58 58
57 57 58
58 58 56
57 57 57 57
58 57
55
58

30° 02'30"

F00476
LOUISIANA
MISSISSIPPI RIVER
NEW ORLEANS
17 APRIL 2001 TO 07 AUG 2001
1:10,000
NORTH AMERICAN DATUM OF 1983
SOUNDINGS IN FEET AT LWRP
SHEET 2 OF 25
AWOIS 10991 & 10992

30° 02'00"

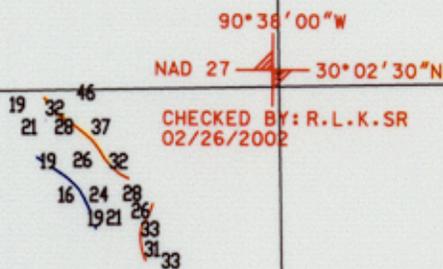
90° 38'30"

90° 38'00"

30° 03'00"

30° 02'30"

30° 02'00"



F00476
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 MISSISSIPPI RIVER
 NEW ORLEANS
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 SOUNDINGS IN FEET AT LWRP
 SHEET 3 OF 25
 AWOIS 10990

90° 28'30"

90° 28'00"

90° 28' 00" W
NAD 27 — 30° 00' 30" N 30° 00' 30"
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76
54 82
49
64 88
70 95

30° 00'00"

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SOUNDINGS IN FEET AT LWRP
SHEET 4 OF 25
AWOIS 10989

29° 59'30"

90° 26'00"

90° 25'30"

30° 00'00"

90° 25' 30" W
NAD 27

30° 00' 00" N

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59	56	57	59	62	62	61	58
66	64	63	60	61	65	61	
72	70	73	65	61	60	68	67
71	79	75	69	65	64	68	72
7474	79	74	71	70	72	70	71
78	76	75	74	75	75	74	73
78	79	79	77	77	76	74	72
82	82	80	78	77	74	73	73
88	82	75	69	62	75	73	71

29° 59'30"

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 17 APRIL 2001 TO 07 AUG 2001
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 SOUNDINGS IN FEET AT LWRP
 SHEET 5 OF 25
 AWOIS 10988

29° 59'00"

90° 24'30"

90° 24'00"

90° 24' 00" W
NAD 27

29° 59'30"

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35 40 39 37 37 36 37 38 36 37 38 37 36 36
 35 35 35 35 33 31 33 31 35 34 34 33
 31 31 31 31 31 33 33 32 32 28 26 26

64 73 70 64 57
 94 94 91 77 71 56 69 66 67 62 63
 85 84 84 82 76 77 85 78 87 88 84 88 91 86
 97 96 91 92 87 77 78 87 88 84 88 91 86
 72 72 71 68 64 62 79 78 76 90 94 93 94
 54 58 53 53 52 56 72 73 72 74 73
 62 65 63 63 66 66

29° 59'00"

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 NEW ORLEANS
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 SOUNDINGS IN FEET AT LWRP
 SHEET 6 OF 25
 AWOIS 10987 & 10995

29° 58'30"

90° 22'00"

90° 21'30"

29° 57'00"

90° 21' 30" W

NAD 27 29° 56' 30" N

29° 56'30"

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02/27/2002

27 27282929262733293029
383736373839394036363635
404344434242404640434341
46454646514246464649534647
52515056545256575453565252

939595949495 92
96 9696 89 91 93 96 90
76 62 71 71 61 55 57 6 69
49 59 67
4745 41464444444445

29° 56'00"

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NEW ORLEANS
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SOUNDINGS IN FEET AT LWRP
SHEET 8 OF 25
AWOIS 10984 & 10994

90° 20' 30"

90° 20' 00"

90° 20' 30" W

NAD 27 29° 56' 30" N

29° 56' 30"

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43 44 43 41 41 39 38 38 36
 49 47 46 47 47 48 48 49 48 49
 58 55 58 56 54 56 54 57 57 56 53 54 59 61 57 57 54 56 61 59 57
 63 58 60 57 56 55 59 55 59 59 58 68 62 64 64 69 63 63 65 64 61 58
 61 66 64 66 66 36 35 95 66 46 2 71 71 72 70 71 66 64 66 65 64 66 63
 64 69 71 70 69 65 70 62 65 74 80 81 81 77 74 74 69 72 69 67 71
 66 73 76 73 74 75 69 69 68 78 86 84 82 79 77 77 76 79 74 76
 75 74 79 80 78 74 74 74 79 81 82 82 84 80 81 83 82 82 81 82 83 83
 78 79 79 80 80 81 81 82 83 84 84 85 84 85 86 86 86 87 88 89 90
 85 85 85 84 83 84 86 86 87 88 88 86 84 80 73 64 65 89 83 77 68 72
 76 69 67 64 64 61 59 57 57 62 61 57 62 60 58 59 57 55 55 49 39

29° 56' 00"

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 SOUNDINGS IN FEET AT LWRP
 SHEET 9 OF 25
 AWOIS 10982 & 10983

29° 55' 30"

90° 19'00"

90° 18'30"

90° 18' 30" W

NAD 27

29° 57' 00" N

29° 57'00"

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29° 56'30"

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 SOUNDINGS IN FEET AT LWRP
 SHEET 10 OF 25
 AWOIS 10981

29° 56'00"

90° 17' 00"

90° 16' 30"

90° 17' 00" W

NAD 27 29° 58' 30" N

29° 58' 30"

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Wreck

66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
 25 19 22 26 46 81 82 83
 69 80 81 82 83 84 85 86 87 88 89 90

29° 58' 00"

46 48 47 44 45 45 45 44 42 44 41 40 43 43 43 42 41 40 39 40 39 39 39
 44 45 44 43 42 39 40 40 38 37 38 39 38 38 38 38 37 36 34 33 31
 41 41 41 42 41 41 38 36 37 37 37 37 37 36 34 33 33 33 32 32 33
 38 38 39 42 40 39 38 37 37 37 37 36 34 34 36 33 32 32 33 31 32 30
 38 36 36 35 35 35 40 38 38 36 37 36 34 34 36 33 33 32 32 33 31 32 30
 37 35 36 35 35 38 33 36 37 35 35 34 34 36 33 32 32 33 31 32 30
 37 36 35 34 38 36 35 28 33 34 35 34 32 30 31 26 30 31
 36 35 36 35 35 35 35 33 28 29 31 28 30 31 31 28 27 29 31
 27 25 27 25 26 23 25 23 26 25 23 23 24 27 25 24 25 25 25
 17 17 17 17 18 18 19 19 18 18 19 19 18 18 20 20 21 21 22 21 22

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 SOUNDINGS IN FEET AT LWRP
 SHEET 11 OF 25
 AWOIS 10979-10980

29° 57' 30"

90° 15' 00"

90° 14' 30"

90° 14' 30" W
NAD 27 — 29° 58' 30" N

29° 58' 30"

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56575756 56535456535655535453
6665656565697069676869686868
707071737173727271726969777170

29° 58' 00"

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NEW ORLEANS
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SOUNDINGS IN FEET AT LWRP
SHEET 12 OF 25
AWOIS 10978

29° 57' 30"

90° 08'30"

90° 08'00"

46
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109	122	131	125
104	121	131	126
101	121	127	129
99	118	125	128
98	113	121	127
86	110	122	126
88	109	121	126
89	110	121	126
92	110	117	
94	105	116	
91	106	111	
90	104	108	
88	100	107	
87	97	104	
	94		

81	102		
80	99		
80	95	99	95
87	91	94	99
87	88	93	98
85	85	94	98
	84	92	96
	87	91	97
	89	91	98
	91	91	100

90° 08' 00" W

29° 56'30"

NAD 27 29° 56' 30" N

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02/27/2002

29° 56'00"

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 NEW ORLEANS
 17 APRIL 2001 TO 07 AUG 2001
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 SOUNDINGS IN FEET AT LWRP
 SHEET 16 OF 25
 AWOIS 10904-10906 & 11039

90° 08' 00"

90° 07' 30"

90° 08' 00" W
NAD 27 — 29° 55' 30" N

29° 55' 30"

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02/27/2002

		61
		62
70	80	65
75	80	65
76	80	70
76	80	70
76	80	73
77	80	72
78	80	

29° 55' 00"

	112	106			
133	125	124	94	93	89
151	151	124	111	103	85
	154	141	139	137	

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 MISSISSIPPI RIVER
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 SOUNDINGS IN FEET AT LWRP
 SHEET 17 OF 25
 AWOIS 10901-10903

85	68	73
50	55	53
50	43	45
50	42	50

111 121 29° 54' 30"

90° 07'00"

90° 06'30"

90° 06'30"W

NAD 27

29° 55'00"N

29° 55'00"

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02/28/2002

394039384039363739

49 46474846444242393841
46474646474343444341 41 40
4243 41424445444444444342
41414441454544444545434344
50494748484947454647474646
53545350505051515149

29° 54'30"

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NEW ORLEANS
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SOUNDINGS IN FEET AT LWRP
SHEET 18 OF 25
AWOIS 10900

29° 54'00"

90° 06'00"

90° 05'30"

90° 05' 30" W

NAD 27 29° 55' 00" N

29° 55'00"

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97 87 97 98 99 98 100
57 44 58 45

82 87
90 99
90 90 92 95 98 101 116
114 117 130
119 127 137
99 106 130 136 139
95 91 120 136 140 125 139
91 99 113 104 117 111
87 81 81 78 77 80 81 75 73

29° 54'30"

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SOUNDINGS IN FEET AT LWRP
SHEET 19 OF 25
AWOIS 10898 & 10899

29° 54'00"

90° 05' 00"

90° 04' 30"

90° 04' 00"

90° 04' 00" W
NAD 27  29° 56' 00" N
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57 50 30 98 7 75
65 4 68 5 3 6 6 61
73 8 7 3 7 6 8 6 5 3

57 50 30 98 7 75
72 1 70 7 1 5 7 6 7 8 6 7 4

109 112
109 121
125 119
88

90° 03'30"

90° 03'00"

52 6582102109 1112 123
120 143 160 170
150 170 175 186

90° 03' 30" W

NAD 27 29° 57' 30" N

29° 57'30"

CHECKED BY: R.L.K.SR
02/28/2002

91 96 100
100 85 75 57 78
71 54 84 79 76 36 WK
70 44 59 63

29° 57'00"

15	24	43	68	83	99	111	120	123	127	79
14	27	42	68	86	98	114	120	123	127	92
17	31	33	42	84	93	117	123	123	115	102
17	31	41	66	83	94	118	125	120	109	105
16	27	39	62	89	98	111	126	134	129	113
15	26	37	57	86	101	115	126	139	138	113
15	26	37	57	83	102	111	127	135	139	114
14	25	35	69	81	96	106	127	129	135	119
14	24	35	62	75	94	106	118	131	120	
14	24	35	59				110	130		
14	24	35	59							
17	25	33	58							
16	24	33	57							
14	24	32	57							
15	23	32	55							
15	23	32	55							
15	24	33	50							
16	23	33	49							
16	23	32	48							
14	26	32	42							
14	26	34	43							
15	25	37	44							
16	25	32	38							
17	24	33	37							
18	23	31	33							
21		33	40							

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SOUNDINGS IN FEET AT LWRP
SHEET 21 OF 25
AWOIS 10886-10889

29° 56'30"

90° 02'30"

90° 02'00"

29° 57'30"

18 47 51 49 43 60
70 79 77 81 85 88
WK

68 71 66 74 74
109 107 108 106
111 120 121 115

103 86 97 91 88
101 98 94 91 88 87
101 95 91 87 84 83 80 78
91 89 90 86 84 81 82 81 78

95 93 91 92 89 86
85 90 80 76 79 80 76
73 77 73 69 69 65 62

66 65 64 64 64 63 65 65
52 49 51 47 40 52 61 65 61 60 60
WK 46 48 54 49 55 56 54 57 59 59
60 60 62 60 60 60 60 60 60 60
44 51 50 50 53 54 51 52 51 51
24 21 12 37 40 46 44 45 45 47 47 47 47 49
18 14 14 12 38 31 39 40 42 45 44 43 19 47 48 48
31 32 34 33 35 34 34
3 0 0 2 7 17

90° 02' 00" W

NAD 27 29° 57' 00" N

29° 57' 00"

CHECKED BY: R.L.K.SR
02/28/2002

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MISSISSIPPI RIVER
NEW ORLEANS
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SOUNDINGS IN FEET AT LWRP
SHEET 22 OF 25
AWOIS 10880-10885

90° 01'00"

90° 00'30"

90° 00' 30" W

NAD 27

29° 57' 00" N

29° 57'00"

CHECKED BY: R.L.K.SR
02/28/2002

57
 53 55 51 52 56 57 56
 48 48 54 53 55 56 57 56
 48 47 48 48 55 54 56 55 54 54 54
 44 47 49 51 50 49 48 48
 47 46 48 47 48 46
 46 47 46 44 43 45 44

558636564626057
 85878281787882

29° 56'30"

45 47 46 47 46 46 49 46 48 45 49 49
 43 41 41 42 47 45 45 46 48 48
 44 44 47 47 47 49
 44 44 43 42

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 MISSISSIPPI RIVER
 NEW ORLEANS
 17 APRIL 2001 TO 07 AUG 2001
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 SOUNDINGS IN FEET AT LWRP
 SHEET 23 OF 25
 AWOIS 10874-10879

29° 56'00"

89° 58' 30"

89° 58' 00"

89° 58' 00" W

NAD 27 29° 56' 00" N

29° 56' 00"

CHECKED BY: R.L.K.SR
02/28/2002

29° 55' 30"

32 35 3535 4042
 45 45 45 43434343 43 4243
 47464647 4646 45 444544 4343 434444
 4949494949 4848 48 45 464645 434444
 52 535255 50 49 4848 48 47 454646
 5456606058 53 53 5253 52 52 494949 494848
 62616059

~~8487838280 7777 62 63~~
~~7055754 57 557514952~~
~~2313 10 9 9 10 9 11 12 13 14 14~~

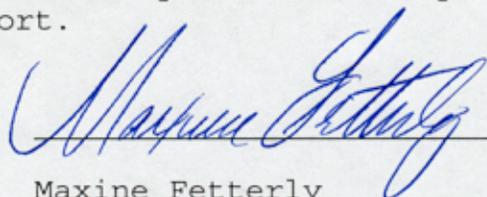
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 MISSISSIPPI RIVER
 NEW ORLEANS
 17 APRIL 2001 TO 07 AUG 2001
 1:10,000
 NORTH AMERICAN DATUM OF 1983
 SOUNDINGS IN FEET AT LWRP
 SHEET 25 OF 25
 AWOIS 10868-10870

29° 55' 00"

APPROVAL SHEET
F00476

Initial Approvals:

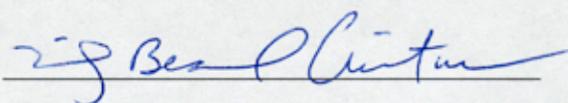
The completed survey has been inspected with regard to survey coverage, delineation of depth curves, development of critical depths, cartographic symbolization, and verification or disapproval of charted data. The digital data have been completed and all revisions and additions made to the smooth sheet during survey processing have been entered in the digital data for this survey. The survey records and digital data comply with NOS requirements except where noted in the Evaluation Report.



Date: 11/20/02

Maxine Fetterly
Cartographer
Atlantic Hydrographic Branch

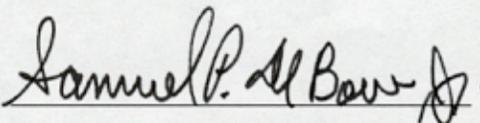
I have reviewed the smooth sheet, accompanying data, and reports. This survey and accompanying digital data meet or exceed NOS requirements and standards for products in support of nautical charting except where noted in the Evaluation Report.



Date: 12/2/02

Emily B. Christman
Commander, NOAA
Chief, Atlantic Hydrographic Branch

Final Approval:

Approved: 

Date: 4/14/02

Samuel P. DeBow, Jr.
Captain, NOAA
Chief, Hydrographic Surveys Division

AWAIS/SURF
MUR 4/3/03

