

FE 196

ATTENTION

PAGE 14 HAS BEEN ADDED TO THE FILE. IT IS NOT PART OF THE ORIGINAL DOCUMENT. IT SHOW DETAIL ON BOTTOM NOT SHOWN ON PAGE 13.

Diagram No. 1272-2

NOAA FORM 76-35A

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

DESCRIPTIVE REPORT (HYDROGRAPHIC)

Type of Survey Wire Drag
Field No. SP-4-64
Office No..... FE-196WD

LOCALITY

State Louisiana
General Locality .. Gulf of Mexico
Locality West Bay

1964

CHIEF OF PARTY
E.K. McCaffrey

LIBRARY & ARCHIVES

DATE

☆ U.S. GOV. PRINTING OFFICE: 1976-669-441

NOTE: A new system for registering Field Examinations (FE's) was established in 1980. All FE's are now consecutively numbered as shown hereon. The date shown in the new format is the actual date of survey. This material was previously registered as;

FE No.3 1964WD

FE 196

FENo. 3
1964
WIRE DRAG

135L

FE-196

Diag. Cht. No. 1272-2.

FENo. 3
1964
WIRE DRAG

Form 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey WIRE DRAG

Field No. SP 4-64 Office No. FE 3, 1964

LOCALITY

State LOUISIANA

General locality GULF OF MEXICO

Locality WEST BAY

1964

CHIEF OF PARTY

EDWIN K. McCAFFREY

LIBRARY & ARCHIVES

DATE

COMM-DC 61300

1272
1115
1116
1003
1007

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

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

REGISTER No. F.E.No.3-1964 (W.D.)

Field No. SP.4-64

State Louisiana

General locality Gulf of Mexico

Locality West Bay

Scale 1:80,000 Date of survey 28-29 April 1964

Instructions dated 27 March 1964

Vessel HILGARD AND WAINRIGHT

Chief of party E. K. McCaffrey

Surveyed by E. K. McCaffrey, F. Kughm and W. N. Brooks

Soundings taken by ~~athometer, graphic recorder,~~ hand lead, ~~etc~~

Fathograms scaled by

Fathograms checked by

Protracted by W. W. Feazel

Soundings penciled by

Soundings in fathoms feet at MLW ~~MLW~~

REMARKS:

Mr. Weiss Code 187-3322
Justice Dept was 5/19/64

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

UNITED STATES GOVERNMENT

Memorandum

613
It has a (1964)
of this letter
83 was 5/12

AIR MAIL

TO : The Director
Coast & Geodetic Survey

THRU: Chief, Operations Division

FROM : Commanding Officer
USC&GS Ships WAINWRIGHT & HILGARD
FE 3 (1964)

SUBJECT: PRELIMINARY REPORT - WIRE DRAG OPERATIONS - WEST BAY,
LOUISIANA, SP-4/64

DATE: May 7, 1964 C-83/HFS

C-834
DBL
C-84
CAF
HFA

1. Wire drag operations were conducted April 28 and 29 in West Bay, Louisiana in accordance with instructions 211-S-2-WA-HI of March 27, 1964. Results, based upon predicted tides and boat sheet plot are as follows.

10 ft. actual sdg 1M2 6-26-64

2. An obstruction, covered 12-foot MLW (predicted tides), was located at 29°07'17"N, 89°29'40"W. This is 300 yards, 031°T from the charted "obstr rep" on chart 1272. The least depth was determined by fathometer (fathogram attached) verified by lead line and SCUBA diver as the least depth. The SCUBA diver operating alone with a safety line, to the drag tender, verified the least depth 12.0' with lead line to the top of the crane on a barge. He reported no evidence of any groundings on the obstruction. However, this is not considered significant since the reported striking was almost 3 years ago. In view of the positive depth determination no wire drag clearance was attempted.

IN. M. 29 JUL 18 1964

Never charted

3. The area of the charted wreck, 29°06.0', 89°29.5' and that of the reported striking 29°05.0', 89°30.0' was cleared by wire drag with no evidence of any obstructions. Drags with effective depths of 28' and 25' respectively cleared these spots from opposite directions. The area cleared included a 1/2-mile radius about each point to be investigated.

26

FE #3
1964

4. Pending receipt of final tides for this project and a smooth plot of all strips it is nevertheless recommended that the charted wreck "PA 10 ft rep" and the reported striking at 29°05.0', 89°30.0' be removed from charting consideration. The Notice to Mariners citing the wreck originally notes it to be sunk in 35 to 40 feet of water, whereas both the charted wreck and charted obstruction are well inside the 30-foot curve.

Edwin K. McCaffrey
Edwin K. McCaffrey

CC: New Orleans D. 0.03

2 encl.

EKMCG/jrb

CHTS. 1007 - appd 4/24/64 Helmer
1116 - appd 4/24/64 Helmer
1115
1272 -

JUL 23 00N 8 1964

613

MAY 12 1964

PROCESSING REPORT

WIRE DRAG ITEM IN WEST BAY, LOUISIANA

PROJECT SP 4-64

GENERAL

Wire drag lines were plotted on rough overlays before being transferred to the smooth sheet (Chart 1272). These overlays contain the smooth plotter's notes concerning the minor discrepancies encountered.

Final depths on the wreck were verified by a Scuba diver. Clearances by wire drag were not accomplished.

CONTROL

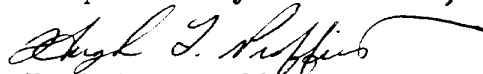
Some slight differences were found in the positions of control stations as plotted on the Guide and End Launch sheets. On A day, an indication of this difference will be noted when a comparison is made of the path of F buoy on the End Launch and smooth sheets.

All control stations on the smooth sheet were transferred directly from the Guide Launch sheet, but there are still further indications of slight station displacement as the drag length will not span the distance between N and F buoys at the detached position of the hang. *Detached position of hang considered reliable*

TIDES

All work was referenced to the standard tide gage at Pensacola, Florida, using a minus $2\frac{1}{2}$ hour time correction. All reducers were entered by the Field Party and verified by the Processing Unit.

Respectfully submitted,


Hugh L. Proffitt
Cartographer

Norfolk, Va.
July 9, 1964

For West Bay, La, Subtract 2.5 hrs. Same Range

Form 862
Ed. May, 1929
U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

TIDES: HOURLY HEIGHTS

Station: Pensacola, Florida Year: 1964
 Observer: _____ Lat. _____ Long. _____
 Time Meridian: 90°W Height datum is _____ which is 8.2 ft. below B.M. MCV

Month and Day	mo.	d.	d.	d.	d.	d.	d.	d.	Horizontal Sum
Day of Series	April	29	30	May	1	2			
Hour	Feet		Feet	Feet	Feet		Feet	Feet	Feet
0	8.7		8.3	8.3	8.7	.	.	.	.
1	8.9		8.4	8.3	8.8	.	.	.	.
2	9.0		8.5	8.4	8.9	.	.	.	.
3	9.1		8.6	8.7	9.0	.	.	.	.
4	9.2		8.7	8.7	9.2	.	.	.	.
5	9.3		8.8	9.0	9.2	.	.	.	.
6	9.4		8.9	9.1	9.5	.	.	.	.
7	9.5	1.3	9.1	9.3	9.7	.	.	.	.
8	9.6	1.4	9.2	9.4	9.9	.	.	.	.
9	9.7	1.5	9.4	9.6	10.1	.	.	.	.
10	9.7	1.5	9.5	9.7	10.1	.	.	.	.
11	9.8	1.6	9.7	9.8	10.2	.	.	.	.
Noon	9.8	1.6	9.7	9.8	10.3	.	.	.	.
13	9.7	1.5	9.7	9.4	10.3	.	.	.	.
14	9.6	1.4	9.6	9.9	10.2	.	.	.	.
15	9.4	1.2	9.5	9.9	10.2	.	.	.	.
16	9.2	1.0	9.2	9.7	10.1	.	.	.	.
17	9.0	0.8	9.0	9.5	9.9	.	.	.	.
18	8.7	0.5	8.9	9.3	9.8	.	.	.	.
19	8.6		8.6	9.1	.	.	.	.	.
20	8.4		8.5	8.9	.	.	.	.	.
21	8.3		8.4	8.8	.	.	.	.	.
22	8.3		8.4	8.8	.	.	.	.	.
23	8.3		8.3	8.7	.	.	.	.	.
Sum	219.2		214.9	.	.	.	.	.	.

Sum for April = 6225.7 Divisor = (28d) 672; (29d) 696; (30d) 720; (31d) 744. Mean for month = 8.65

USCOMM-DC 6719-P64

Tabulated by J.E.M.S. Date 9 June 1964 Summed by J.E.M.S. Date 9 June 64

Subtract 2.5 hrs - Same Range

Form 868
Ed. May 1929
U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

TIDES: HOURLY HEIGHTS

Station: Pensacola, Florida Year: 1964

Observer: _____ Lat. _____ Long. _____

Time Meridian: 90°W Height datum is _____ which is 8.2 ft. below B. M.

Month and Day	mo.	d.	d.	d.	d.	d.	d.	d.	Horizontal Sum
Day of Series	April 23		23	24	25	26	27	28	
Hour	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet	Feet
0	8.7	8.9	8.9	8.7	8.4	9.1	8.8		61.5
1	8.6	8.8	8.8	8.7	8.8	9.2	8.9		61.8
2	8.5	8.7	8.8	8.8	8.8	9.3	9.0		61.9
3	8.4	8.7	8.8	8.9	8.6	9.4	9.2		62.0
4	8.4	8.6	8.8	8.8	8.8	9.5	9.3		62.2
5	8.4	8.6	8.9	8.9	9.0	9.9	9.5		63.2
6	8.4	8.7	8.9	9.0	9.2	9.8	9.5		63.5
7	8.6	8.7	8.9	8.9	9.2	10.0	9.7	1.5	64.0
8	8.7	8.7	8.9	8.9	9.4	10.3	9.9	1.7	64.8
9	8.7	8.7	9.0	9.1	9.5	10.3	10.0	1.8	65.3
10	8.8	8.8	9.0	9.0	9.5	10.2	10.1	1.9	65.4
11	8.9	8.8	9.0	9.0	9.3	10.1	10.1	1.9	65.2
Noon	8.9	8.7	8.8	9.0	9.3	10.0	10.0	1.8	64.7
13	9.0	8.6	8.8	8.8	9.3	9.8	9.9	1.7	64.2
14	9.0	8.6	8.7	8.7	9.1	9.5	9.8	1.6	63.4
15	9.0	8.6	8.5	8.6	8.9	9.4	9.6	1.4	62.6
16	9.0	8.6	8.4	8.6	8.7	9.2	9.4	1.2	61.9
17	9.0	8.7	8.4	8.4	8.6	9.1	9.2	1.0	61.4
18	9.1	8.6	8.4	8.4	8.6	8.8	9.0		60.9
19	9.1	8.7	8.5	8.4	8.7	8.7	8.9		61.0
20	9.1	8.8	8.5	8.4	8.9	8.7	8.8		61.2
21	9.1	8.8	8.6	8.4	8.7	8.6	8.6		60.8
22	9.1	8.9	8.6	8.5	8.8	8.6	8.6		61.1
23	9.0	8.9	8.7	8.4	8.9	8.7	8.7		61.3
Sum	211.5	209.2	209.6	209.3	215.0	226.2	224.5		1505.3
Sum for	-		Divisor = (28d) 672; (29d) 696; (30d) 720; (31d) 744. Mean for month =						

USCOMM-DC 6713-P64

Tabulated by _____ Date _____ Summed by _____ Date _____

HYDROGRAPHIC SURVEY STATISTICS
HYDROGRAPHIC SURVEY NO. FE 3, 1964

RECORDS ACCOMPANYING SURVEY: To be completed when survey is registered.

RECORD DESCRIPTION		AMOUNT	RECORD DESCRIPTION		AMOUNT	
SMOOTH SHEET		1	BOAT SHEETS		2	
DESCRIPTIVE REPORT		1	OVERLAYS			
DESCRIPTION	DEPTH RECORDS	HORIZ. CONT. RECORDS	PRINTOUTS	TAPE ROLLS	PUNCHED CARDS	ABSTRACTS/SOURCE DOCUMENTS
ENVELOPES						
CAHIERS						
VOLUMES						
BOXES						
T-SHEET PRINTS (List)						
SPECIAL REPORTS (List)						

OFFICE PROCESSING ACTIVITIES

The following statistics will be submitted with the cartographer's report on the survey

PROCESSING ACTIVITY	AMOUNTS			
	PRE-VERIFICATION	VERIFICATION	REVIEW	TOTALS
POSITIONS ON SHEET				83
POSITIONS CHECKED			37	37
POSITIONS REVISED			3	3
DEPTH SOUNDINGS REVISED			1	1
DEPTH SOUNDINGS ERRONEOUSLY SPACED			0	0
SIGNALS ERRONEOUSLY PLOTTED OR TRANSFERRED			0	0
	TIME (MANHOURS)			
TOPOGRAPHIC DETAILS				
JUNCTIONS				
VERIFICATION OF SOUNDINGS FROM GRAPHIC RECORDS				
SPECIAL ADJUSTMENTS				
ALL OTHER WORK <i>WD</i>		15	6	
TOTALS		15	6	
PRE-VERIFICATION BY	BEGINNING DATE		ENDING DATE	
VERIFICATION BY <i>J.M. Zeskind</i>	June 24, 1964		July 20, 1964	
REVIEW BY <i>J.M. Zeskind</i>	July 20, 1964		July 20, 1964	

HYDROGRAPHIC SURVEY STATISTICS
HYDROGRAPHIC SURVEY NO. F.E.No. 3-1964 W.D.

RECORDS ACCOMPANYING SURVEY: To be completed when survey is registered.

RECORD DESCRIPTION		AMOUNT	RECORD DESCRIPTION		AMOUNT	
SMOOTH SHEET A & D Sheets		2	BOAT SHEETS Chart 1272		1	
DESCRIPTIVE REPORT		1	OVERLAYS			
DESCRIPTION	DEPTH RECORDS	HORIZ. CONT. RECORDS	PRINTOUTS	TAPE ROLLS	PUNCHED CARDS	ABSTRACTS / SOURCE DOCUMENTS
ENVELOPES						
CAHIERS						
VOLUMES	2					
BOXES						

T-SHEET PRINTS (*List*)

SPECIAL REPORTS (*List*)

OFFICE PROCESSING ACTIVITIES

The following statistics will be submitted with the cartographer's report on the survey

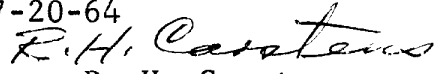
PROCESSING ACTIVITY	AMOUNTS			
	PRE-VERIFICATION	VERIFICATION	REVIEW	TOTALS
POSITIONS ON SHEET				
POSITIONS CHECKED				
POSITIONS REVISED				
DEPTH SOUNDINGS REVISED				
DEPTH SOUNDINGS ERRONEOUSLY SPACED				
SIGNALS ERRONEOUSLY PLOTTED OR TRANSFERRED				
	TIME (MANHOURS)			
TOPOGRAPHIC DETAILS				
JUNCTIONS				
VERIFICATION OF SOUNDINGS FROM GRAPHIC RECORDS				
SPECIAL ADJUSTMENTS				
ALL OTHER WORK				
TOTALS				
PRE-VERIFICATION BY	BEGINNING DATE		ENDING DATE	
VERIFICATION BY	BEGINNING DATE		ENDING DATE	
REVIEW BY	BEGINNING DATE		ENDING DATE	

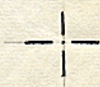
Review - Field, Examination 3, 1964
Louisiana
Gulf of Mexico, West Bay

1. A wire-drag examination was made in compliance with Instructions for S.P. 4, 1964, dated 27 March, 1964.
2. The purpose of the examination was to find an obstruction believed to be a derrick barge located in West Bay in approximately lat. $29^{\circ}06.5'N.$, long. $89^{\circ}29.5'W.$
3. The results of the examination are shown on the accompanying A and D sheet and a section of Chart 1272, corrected to 30 May 1964. The wreck was hung in lat. $29^{\circ}07.28'$, long. $89^{\circ}29.12'$, by a wire drag set to an effective depth of 20 ft. at MLW. A sounding to the highest point on the wreck was 10 ft. at MLW. A scuba diver found the obstruction to be a large crane or derrick mounted on a barge, lying flat in a north-south direction with the boom pointing south.
4. A comparison with Chart 1272, corrected to 14 March 1964, which was used as the boat sheet, shows the following:
 - a. The sunken wreck charted in lat. $29^{\circ}06.00'$, long. $89^{\circ}29.5'$, was cleared by a wire drag set to an effective depth of 26 ft. at MLW.
 - b. The "obstruction reported" charted in lat. $29^{\circ}07.13'$, long. $89^{\circ}29.23'$, was found during the present survey to be the wreck which actually falls in lat. $29^{\circ}07.28'$, long. $89^{\circ}29.12'$.

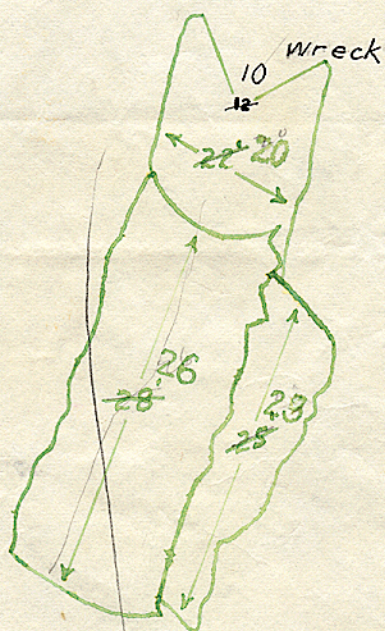
The Descriptive Report covers all other matters pertaining to this examination. No further discussion is considered necessary.


Reviewed by - I. M. Zeskind

7-20-64

Inspected by - R. H. Carstens



29° 10'
89° 28'



The above values have been
reduced by 2 ft. to correct
for actual tides at M.L.W.

Preliminary plot

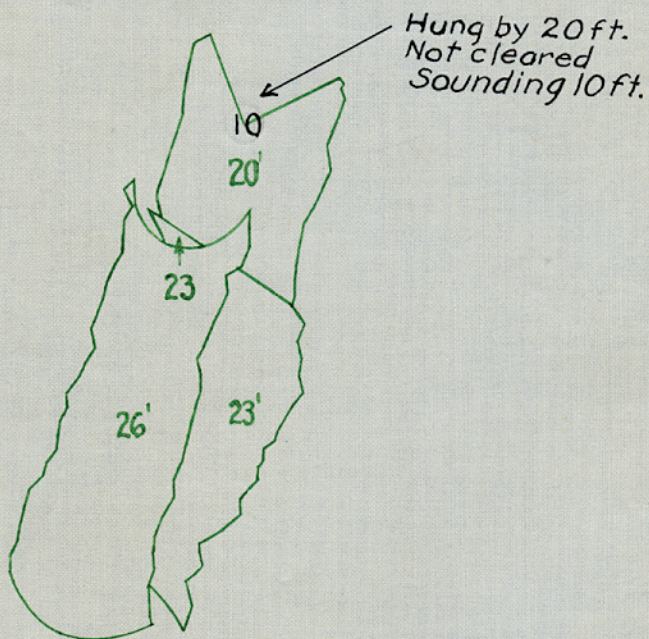
29° 02'
89° 30'

WIRE DRAG
AREA & DEPTH SHEET
SPECIAL PROJECT E-64
WAINWRIGHT & HILGARD
E.K. McCAFFREY COMDG.
OVERLAY C&GS CHART 1272
SCALE 1:80000
Drawn by ... *PER* ...
Verified by *C.M.C.* ...
"Predicted Tides"

89° 30'

29° 10'

29° 10'



F E-3, 1964, WIRE DRAG
AREA & DEPTH DIAGRAM
LOUISIANA

GULF OF MEXICO - WEST BAY

Scale - 1:80,000 Ships - Hilgard & Wainwright
Effective depths and sounding in feet at MLW

89° 30'

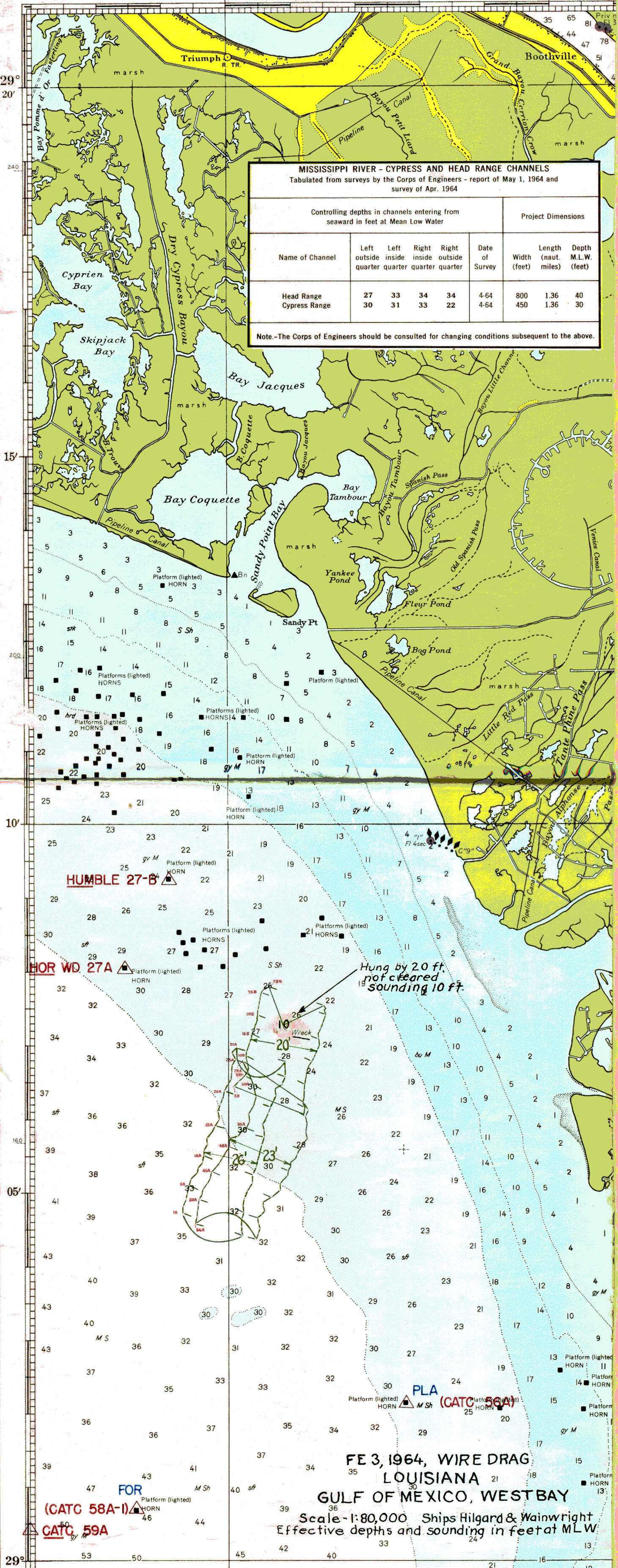
29° 00'

29° 00'

MISSISSIPPI RIVER - CYPRESS AND HEAD RANGE CHANNELS
 Tabulated from surveys by the Corps of Engineers - report of May 1, 1964 and survey of Apr. 1964

Name of Channel	Controlling depths in channels entering from seaward in feet at Mean Low Water				Date of Survey	Project Dimensions		
	Left outside quarter	Left inside quarter	Right inside quarter	Right outside quarter		Width (feet)	Length (naut. miles)	Depth M.L.W. (feet)
Head Range	27	33	34	34	4-64	800	1.36	40
Cypress Range	30	31	33	22	4-64	450	1.36	30

Note.-The Corps of Engineers should be consulted for changing conditions subsequent to the above.



HUMBLE 27-B

HOR WD 27A

Hung by 20 ft. not cleared sounding 10 ft.

PLA (CATC 58A)

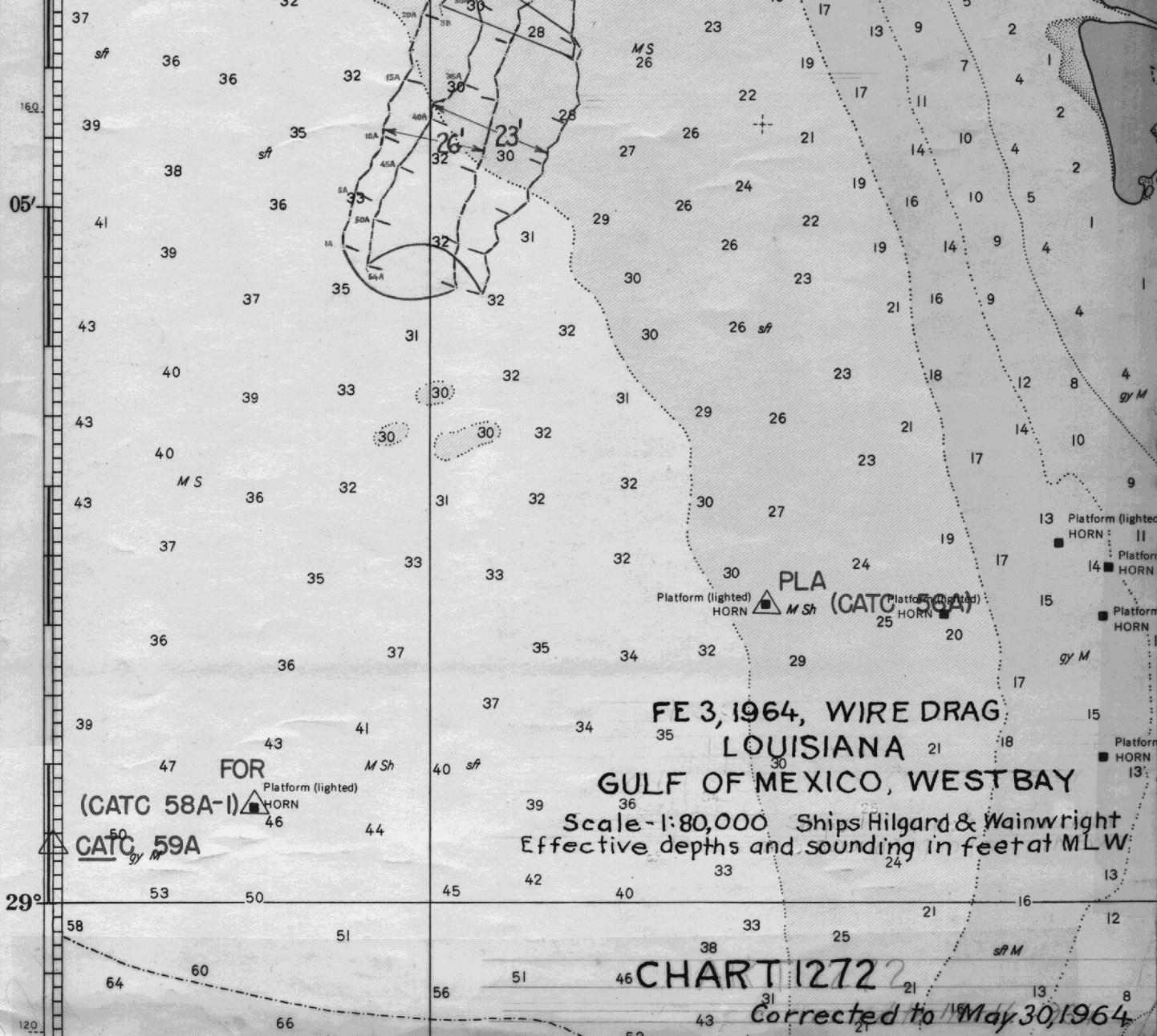
FE 3, 1964, WIRE DRAG LOUISIANA

GULF OF MEXICO, WEST BAY

Scale - 1:80,000 Ships Hilgard & Wainwright Effective depths and sounding in feet at MLW

FOR (CATC 58A-1)

CATC 59A



37
36
39
41
39
43
40
43
40
43
37
36
39
47
50
58
16.0
05'
29°

MS 26

sf

+

sf

sf

MS

Platform (lighted)
HORN

PLA

M Sh

(CATC 58A)

Platform (lighted)
HORN

13 Platform (lighted)
HORN

14 Platform
HORN

Platform
HORN

Platform
HORN

FOR
(CATC 58A-1) Platform (lighted)
HORN

50
CATC 59A
gy M

FE 3, 1964, WIRE DRAG
LOUISIANA
GULF OF MEXICO, WEST BAY
Scale-1:80,000 Ships Hilgard & Wainwright
Effective depths and sounding in feet at MLW

CHART 1272

Corrected to May 30, 1964

89° 30'

Platform (lighted) HORN

Platforms (lighted) HORNS

**F.E. No. 3
(1964)
W.D.**

M S 26

Platform (lighted) HORN

Platform (lighted) HORN

Platform (lighted) HORN

Platform (lighted) HORN

Platform (lighted) HORN

Platform (lighted) HORN

Platform (lighted) HORN

FI 3sec Priv maintd

Obstructions Wells and Pipelines (see note A)

FI 4sec

FI R

FI R

FI R 6sec

Ok FI

FI R "1273"

**W E S T
B A Y**

29° 00'



RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. F.E.No. 3 (1964) W.D.

INSTRUCTIONS

- A basic hydrographic or topographic survey supersedes all information of like nature on the uncorrected chart.
1. Letter all information.
 2. In "Remarks" column cross out words that do not apply.
 3. Give reasons for deviations, if any, from recommendations made under "Comparison with Charts" in the Review.

CHART	DATE	CARTOGRAPHER	REMARKS
1272	8/27/64	John P. Wein	Full Part Before After Verification Review Inspection Signed Via Drawing No. 28
1115	12/14/64	John P. Wein	Full Part Before After Verification Review Inspection Signed Via Drawing No.
1116	1-27-65	Hebeadon Radde	Full Part Before After Verification Review Inspection Signed Via Drawing No.
1007	4/9/65	Helmer	Full Part Before After Verification Review Inspection Signed Via Drawing No. No correction. Inside 10 fm curve
1003	4/30/65	Helmer	
1003	4/30/65	Helmer	Full Part Before After Verification Review Inspection Signed Via Drawing No. No correction. Inside 10 fm curve
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
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