

12520 THRU 12524

12524

THRU

12520

Diag. Cht. Nos. 1116-2,1278 & 1279.

Form 504 U. S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY  <b>DESCRIPTIVE REPORT</b>	
<i>Type of Survey</i> Nautical Chart Topography <span style="float: right;">T-12520 thru</span>	
<i>Field No.</i> Ph-6305	<i>Office No.</i> T-12524 (Chart 651 SC)
<b>LOCALITY</b>	
<i>State</i> Louisiana	
<i>General locality</i> Calcasieu Lake-Lake Charles	
<i>Locality</i> Calcasieu Channel	
19 63-65 <b>CHIEF OF PARTY</b>	
J.H.Blumer, J.K.Wilson & J.E.Waugh	
<b>LIBRARY &amp; ARCHIVES</b>	
<b>DATE</b> December 1967	

## DESCRIPTIVE REPORT - DATA RECORD

T-12520 thru T-12524 (Chart 651 SC)

PROJECT NO. (II): 21066 (Ph 6305)	
FIELD OFFICE (III): Galveston, Texas Lake Charles	CHIEF OF PARTY J. H. Blumer J. K. Wilson
PHOTOGRAMMETRIC OFFICE (III): Baltimore, Md. and Washington, D.C.	OFFICER-IN-CHARGE J. E. Waugh
INSTRUCTIONS DATED (II) (III): Field: March 11, 1963 July 9, 1963 Amendment 1 January 31, 1964 Amendment 11 Office: August 23, 1963 September 18, 1963 November 26, 1963 Amendment 1	
METHOD OF COMPILATION (III): Graphic compilation for 1:50,000 scale B-8 stereoplotter for 1:20,000 scale	
MANUSCRIPT SCALE (III): 1:20,000 and 1:50,000	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):
DATE RECEIVED IN WASHINGTON OFFICE (IV):	DATE REPORTED TO NAUTICAL CHART BRANCH (IV):
APPLIED TO CHART NO.	DATE: DATE REGISTERED (IV):
GEOGRAPHIC DATUM (III): N.A. 1927	VERTICAL DATUM (III): MEAN SEA LEVEL EXCEPT AS FOLLOWS: <i>Elevations shown as (25) refer to mean high water</i> <i>Elevations shown as (5) refer to sounding datum</i> <i>i.e., mean low water or mean lower low water</i>
REFERENCE STATION (III):	
LAT.:	LONG.:
<input type="checkbox"/> ADJUSTED <input type="checkbox"/> UNADJUSTED	
PLANE COORDINATES (IV):	STATE
X =	ZONE
ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE, OR (IV) WASHINGTON OFFICE. WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.	

## DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (III): Harvey G. Lucas		DATE: Aug-Sept 1963
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): March 1963 ratio photographs, office identification		
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree		DATE 11-21-63
PROJECTION AND GRIDS CHECKED BY (IV): P. Silverman		DATE 11-21-63
CONTROL PLOTTED BY (III): J. D. McEvoy		DATE 12-5-63
CONTROL CHECKED BY (III): C. A. Lipscomb		DATE 12-5-63
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): John D. Perrow, Jr.		DATE 1963
STEREOSCOPIC INSTRUMENT COMPILATION (III): J. D. McEvoy 1:20,000 scale	PLANIMETRY J. D. McEvoy	DATE 5-15-64
	CONTOURS	DATE
MANUSCRIPT DELINEATED BY (III): J. D. McEvoy, J. B. Phillips		DATE 4-22-64 Sept. 64
SCRIBING BY (III):		DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): R. Glaser J. Battley		DATE April 64 June 65
REMARKS: Field Edit T-12522, 12523 and 12524 by J. C. Lajoie May 1964 Field Edit T-12520 and 12521 by J. K. Wilson Feb. 1965. W. H. Shearhouse, Chief, sub unit Party 759		

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

C&GS "W" Camera (6" focal length)

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
63 W 4329	3-20-63	10:27	1:40,000	1.7' above MLW
63 W 4267-4271	3-20-63	9:14	1:40,000	1.3' above MLW
63 W 4375-4389	3-20-63	11:15	1:40,000	1.9' above MLW
63 W 4399-4318	3-20-63	11:37	1:40,000	1.9' above MLW
(Only shoreline photographs used in the bridge are listed)				
63 WC 3946-4008			1:10,000	
63 WC 4041-4114			1:10,000	
(Above color prints were available for reference)				

TIDE (III)

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: Galveston, Texas	1.43	2.0	
SUBORDINATE STATION: Calcasieu Pass Lighthouse Wharf			
SUBORDINATE STATION:			

WASHINGTON OFFICE REVIEW BY (IV): J. Battley

DATE: June 1965

PROOF EDIT BY (IV):

DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):

RECOVERED:

IDENTIFIED:

NUMBER OF BM(S) SEARCHED FOR (II):

RECOVERED:

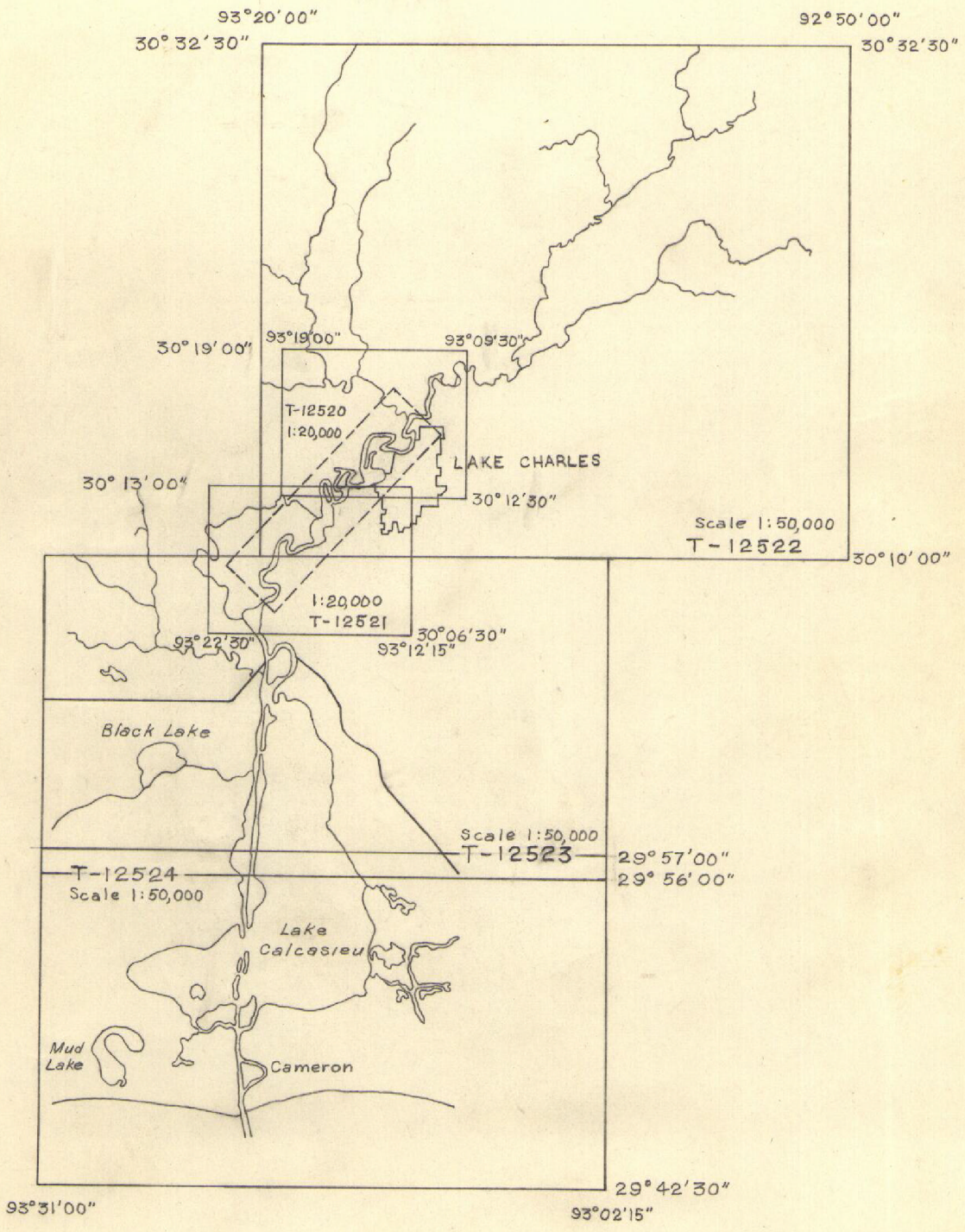
IDENTIFIED

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III):

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III):

REMARKS:

PROJECT 21066 (PH-6305)  
CALCASIEU LAKE,  
LOUISIANA



SUMMARY TO ACCOMPANY THE DESCRIPTIVE REPORT  
FOR  
T-12520 THRU T-12524  
APRIL 1965

(PH-6305)

Project 21066 consists of five Chart Compilation Manuscripts, T-12520 thru T-12524. T-12520 and T-12521 are 1:20,000 scale compilations. T-12522, 12523 and 12524 are 1:50,000 scale compilations.

The project covers all of Calcasieu Lake, Lake Charles and the Calcasieu River northward to the head of navigation at Le Blanc, Louisiana. The photogrammetric compilation of these manuscripts will provide modern chart topography for new Small Craft Chart 651.

In the original compilation instructions the project was planned to include six manuscripts. As the project progressed it was apparent that five manuscripts would provide the basic chart topography needed for the new, 5 panel, small craft chart. The original assigned limits for survey T-12523 were therefore dropped. To maintain numerical order, T-12524 was renumbered T-12523; T-12525 became T-12524. Number T-12525 was not needed for this project.

A separate bridge was run by the Aerotriangulation Section for the 1:50,000 scale manuscripts and the 1:20,000 scale manuscripts. Four bridges were run on the Zeiss C-8 stereoplanigraph for T-12520 and T-12521 (1:20,000 scale). Ten strips were bridged for the 1:50,000 scale surveys on the C-8 stereoplanigraph.

The compilation phase of the project originated in the Baltimore District Office. The three 1:50,000 scale manuscripts were completed in the Baltimore Office. These manuscripts were delineated graphically using ratio prints that were held to the bridge determined points. T-12520 (1:20,000 scale) was also compiled by the Baltimore Office utilizing the Kelsh Plotter. T-12521 (1:20,000) was compiled in the Washington Office. Compilation was accomplished with the B-8 stereoplotter, following the format used on the previous manuscripts compiled in Baltimore. The methods described in the Provisional Instructions for Chart Compilation were not used by the Baltimore Office for this project. The compilation procedures normal for shore-

- 2 -

line mapping were used.

Field edit revisions and additions were applied in the Washington Compilation Office. The field edit for the 1:50,000 scale manuscripts (T-12522 thru 12524) was accomplished in May 1964. The field edit for T-12520 and T-12521, scale 1:20,000, was performed in February 1965.

Final review of the manuscripts was completed in May 1965.

A copy of these surveys will be registered in the Bureau Archives under their respective T-numbers.

Submitted by:

*J. P. Battley, Jr.*  
J. P. Battley, Jr.  
Cartographer

Calcasieu, Louisiana  
Photogrammetric Plot Report  
PH 21066

21. Area Covered

The area covered in this report includes sheets T-12520 and T-12521. These sheets cover the area of Lake Charles, Louisiana.

22. Method

Four bridges (see sketch) were run on the Zeiss Stereo-planigraph and adjusted by IBM 650 methods. The four strips were adjusted separately with tie points between the strips used for junctions.

23. Adequacy of Control

Control was adequate and complied with project instructions. Station Stine, 1931 could not be held in Strip #1. A complete investigation failed to reveal the reason the station could not be held. Since Stine was beyond the limits of compilation, the bridge was shortened and models 63-W-4391 thru 4393 were omitted.

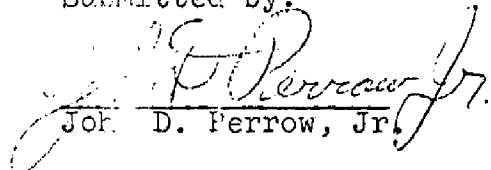
24. Supplemental Data

None

25. Photography

Photography was adequate in coverage, overlap and definition.

Submitted by:

  
John D. Perrow, Jr.

Approved by:

  
Charles Theurer

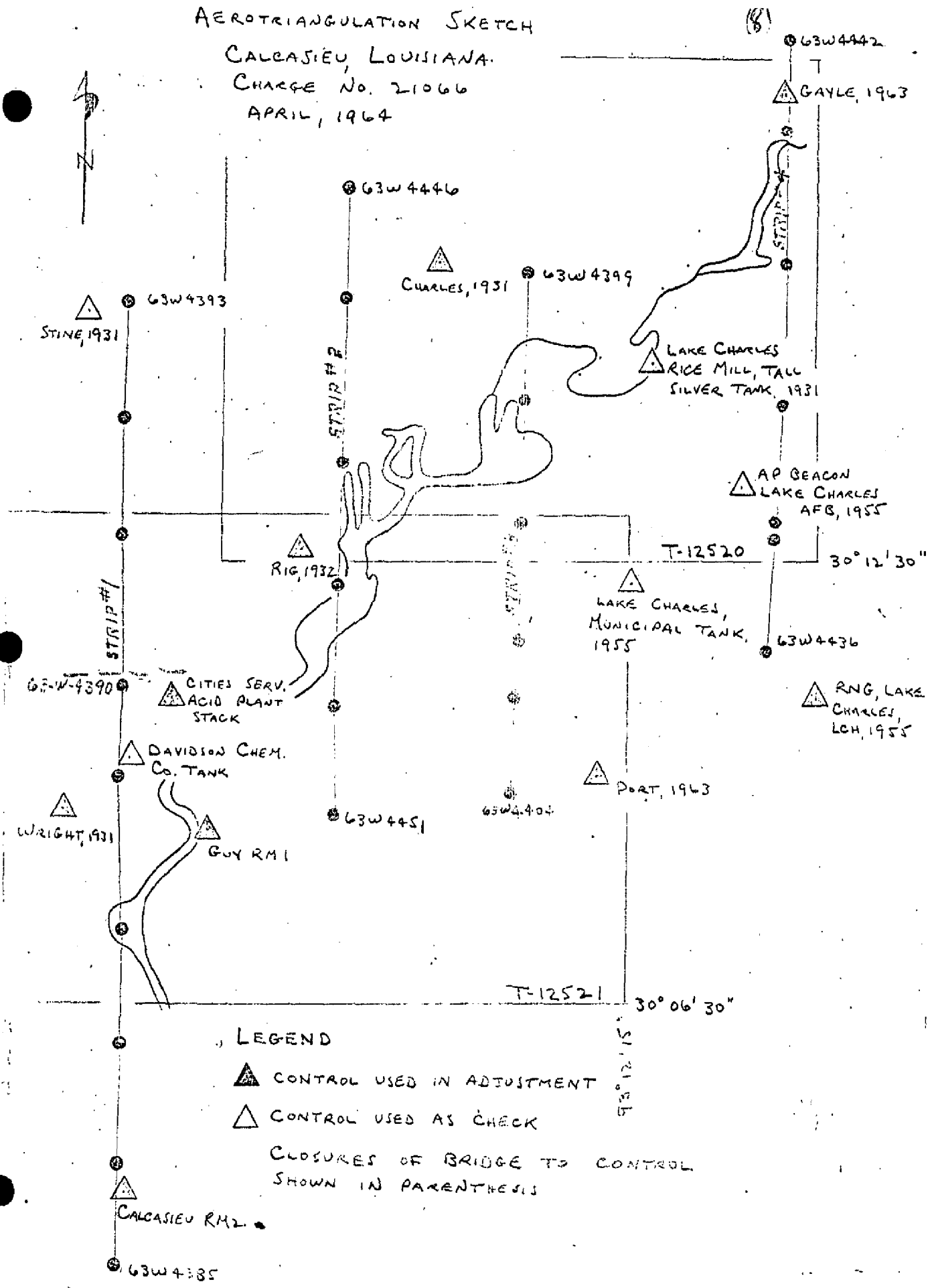


# AEROTRIANGULATION SKETCH

CALCASIEU, LOUISIANA.

CHARGE NO. 21066

APRIL, 1964



## LEGEND

- ▲ CONTROL USED IN ADJUSTMENT
- △ CONTROL USED AS CHECK

CLOSURES OF BRIDGE TO CONTROL SHOWN IN PARENTHESES

Photogrammetric Plot Report  
Project 21066 (PH-6305)  
Calcasieu, La.

21. Area Covered

The area covered by this survey is in Cameron and Calcasieu Parishes, Southwest Louisiana. The approximate boundaries are:

Latitude 29°30' - 30°30'  
Longitude 92°45' - 93°30'

22. Method

Ten strips were bridged on the C-8 stereoplanigraph. These strips are:

#1	63W 4329	thru	<sup>39</sup> 4329
#3A	63W 4375	"	4378
#3	63W 4380	"	4393
#5	63W 4397	"	4418
#6	63W 4433	"	4442
#7	63W 4265	"	4272
#8	63W 4459	"	4462
#9	63W 4464	"	4470
#11	63W 4473	"	4481

Pass points were dropped on alternate strips to provide control for Kelsh compilation. These strips are:

#2	63W 4357	thru	4371
#4	63W 4447	"	4455

Strip #10 should not be used for compilation since coverage is adequate from Strips #9 and #11.

The adjustment of these strips was the IBM-650 method with supplemental, straight-line, adjustments in some areas. The entire project meets requirements for charting at 1:50,000.

23. Adequacy of Control

Horizontal control complied with the project instructions and was adequate for 1:50,000 scale charts. Three stations could not be held within standards. They are:

- (1) Rhodes 1932 ss "B". could not be held in the bridge. No reason could be found for the discrepancy.
- (2) Lake Charles Small Black Tank, 1931 and its ss. It is believed that the tank has been <sup>moved</sup> maned.
- (3) Lake Charles Chenault A.F.B. Ord. Depot W.T., 1963 and its ss. The wrong tank was field identified. Office recovery of the correct tank fitted well with the bridge.

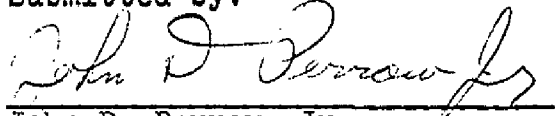
24. Supplemental Data

None

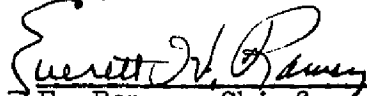
25. Photography

Photography was adequate as to coverage and overlap. Some photos had badly burned-out areas because of sun reflection on water in the marsh areas.

Submitted by:

  
 \_\_\_\_\_  
 John D. Perrow, Jr.

Approved by:

  
 \_\_\_\_\_  
 E. Ramey, Chief  
 Aerotriangulation Section

\_\_\_\_\_  
 C. Theurer, Chief  
 Photogrammetric Branch

Notes to Compilation

Bridging did not comply with original project instructions to locate aids to navigation and to provide points to control the color strips. The reason being that this office did not receive either the color prints or the field identified aids and landmarks until bridging was completed. An attempt to locate many of the aids and landmarks was made in the office by using light lists and old nautical charts. It is felt that the positions obtained are good, however they should be verified during compilation. In addition, all additional aids are available on the 1:10,000 color photos now available. Sub stations will not be provided to compilation. All work will be completed using pass points provided by bridging.

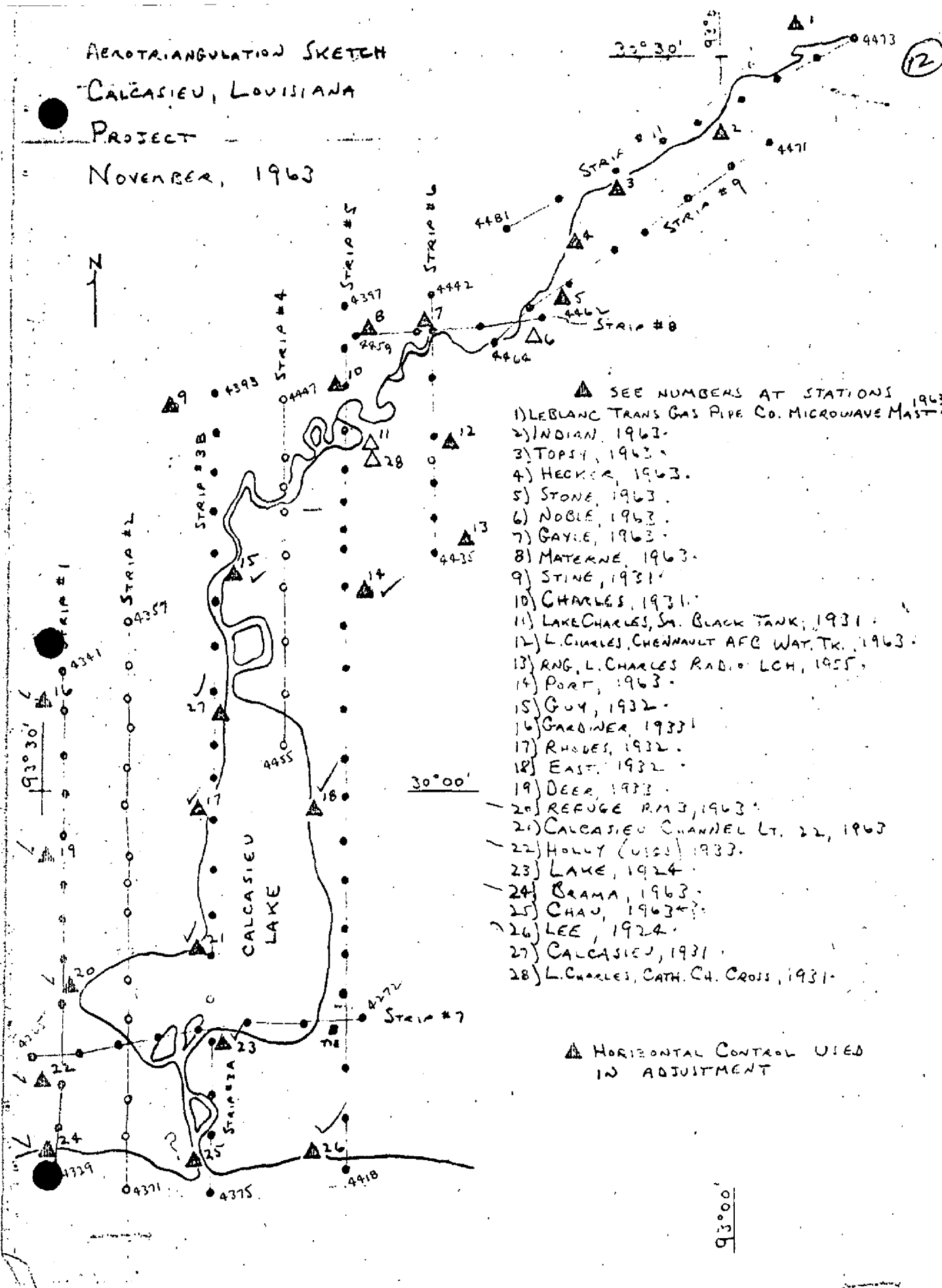
AEROTRIANGULATION SKETCH

CALCASIEU, LOUISIANA

PROJECT

NOVEMBER, 1963

(12)



- ▲ SEE NUMBERS AT STATIONS 1963
- 1) LEBLANC TRANS GAS PIPE CO. MICROWAVE MAST.
  - 2) INDIAN, 1963.
  - 3) TOPSY, 1963.
  - 4) HECKER, 1963.
  - 5) STONE, 1963.
  - 6) NOBLE, 1963.
  - 7) GAYLE, 1963.
  - 8) MATERNE, 1963.
  - 9) STING, 1931.
  - 10) CHARLES, 1931.
  - 11) LAKE CHARLES, SM. BLACK TANK, 1931.
  - 12) L. CHARLES, CHENNAULT AFB WAT. TR., 1963.
  - 13) RNG. L. CHARLES RAD. LCH, 1955.
  - 14) PORT, 1963.
  - 15) GUY, 1932.
  - 16) GARDNER, 1933.
  - 17) RHODES, 1932.
  - 18) EAST, 1932.
  - 19) DEER, 1933.
  - 20) REFUGE RM3, 1963.
  - 21) CALCASIEU CHANNEL LT. 22, 1963.
  - 22) HOLLY (USGS) 1933.
  - 23) LAKE, 1924.
  - 24) BRAMA, 1963.
  - 25) CHAU, 1963.
  - 26) LEE, 1924.
  - 27) CALCASIEU, 1931.
  - 28) L. CHARLES, CATH. CH. CROSS, 1931.

▲ HORIZONTAL CONTROL USED IN ADJUSTMENT

COMPILATION REPORT  
T-12520 THRU T-12524  
(CHART 651-SMALL CRAFT)

31. Delineation

Manuscripts T-12520 and T-12521 were delineated by stereoscopic methods at 1:20,000 scale. Manuscripts T-12522, T-12523 and T-12524 were delineated by graphic methods at 1:50,000 scale using cronapaque photographs ratioed to the manuscript scale.

Field inspection for T-12520 and T-12521 was limited to the identification of landmarks and aids to navigation. Shoreline and cultural features have been identified by office interpretation.

A field inspection report was not submitted.

32. Control

Identification and placement of horizontal control was adequate. On the 1:20,000 manuscripts (T-12520 and 12521), only triangulation stations which were of landmark value were delineated. The enclosed photogrammetric plot sketch shows all triangulation used in the project.

33. Supplemental Data

1:10,000 scale color photography was available to supplement the 1:40,000 panchromatic bridging photography. This photography was utilized for field edit, the interpretation of small details and the location of lights.

Specifications and ozalids of plans indicating proposed dredging and construction of or relocation of aids to navigation was obtained from the Coast Guard and submitted by the 1964 field party. These were submitted with the recommendation that the location of aids be deferred until this work was completed. As these manuscripts have been completed prior to this new construction, the plans were not used, but are forwarded for disposition by the Nautical Chart Division.

34. Contours and Drainage

Contours are inapplicable. Drainage is complete.

35. Shoreline and Alongshore Detail

Shoreline and alongshore details were delineated from office interpretation of the photographs. Color photography at a scale of 1:10,000 was used as an aid to the interpretation.

Piling shown in the Calcasieu River just south of Prien Lake was not visible on the photography. The field editor verified piling in this area as shown on Nautical Chart 592. The ratio reflecting projector was used to transfer the position of this piling from the Chart 592 to the manuscript.

36. Offshore Details

See paragraph 35.

37. Landmarks and Aids

Forms 567 have been prepared and are submitted with this report for all landmarks and aids in the area.

See Item 33 of this report.

38. Control for Future Surveys

None

39. Junctions

Junction has been made and is in agreement with the adjoining and overlapping areas of the various manuscripts.

40. Horizontal and Vertical Accuracy

All manuscripts within the project comply with the National Standards of Accuracy.

41. - 45.

Inapplicable

46. Comparison with Existing Maps

A comparison was made with the following U.S.G.S.

quadrangles:

- Cameron, La. 1:62,500 dated 1955
- Lake Charles, La. 1:24,000 dated 1955
- Moss Bluff, La. 1:24,000 dated 1955
- Westlake, La. 1:24,000 dated 1955
- Black Lake, La. 1:24,000 dated 1955
- Moss Lake, La. 1:24,000 dated 1955
- Hecker, La. 1:24,000 dated 1955
- Topsy, La. 1:24,000 dated 1955
- Lake Charles SW, La. 1:24,000 dated 1955

47. Comparison with Nautical Charts

A comparison was made with C&GS Chart 591 scale 1:40,000, 3rd edition, dated September 1944, revised July, 1963 and Chart 592 scale 1:40,000, 4th edition, dated October 1962.

48. Geographic Name List

As per Instruction 6.01-3 of the September 18, 1963 Compilation Instructions, complete geographic names were not applied by the Photogrammetry Division. Enough geographic names to correctly orient the area were applied during compilation. The final disposition of names is left to the Nautical Chart Division.

Submitted by:

J. B. Phillips  
 J. B. Phillips  
 Cartographer

Approved by:

K. N. Maki  
 K. N. Maki  
 Chief, Compilation Section



NOTES FOR FIELD EDIT

Landmarks and Aids to Navigation

All landmarks and fixed aids to navigation shall be visually checked. ~~Charted~~ Charted locations in relation to their locations on the ground and photographs - for obvious discrepancies. If the charted position of any aid or landmark is verified, a new form 567 is not required. The date of verification (month, day, year) shall be listed in the date of location column (in blue or purple ink) of the pencilled form - tabulated by the Compilation office - ~~included with~~ the field edit data.

New Forms 567 are required for fixed aids or landmark that have been newly established, moved, rebuilt or destroyed.

Nautical Chart Division records have been checked for changes in aid and landmarks occurring since the time of field inspection. The enclosed pages from Notices to Mariners are the only recorded changes in the project area.

Charted Features

Many of the charted objects in Calcasieu Lake - piling, dolphins, wells, etc - are not visible on the photograph need to be identified.

The existence of charted features in the lake shall be verified. New objects - not charted previously - are to be located and the location of charted objects verified.

The inset area (Located on T-12522 and T-12524) - being compiled - is to be field edited at a later date. Photographs covering the area can be field inspected now if it seems practicable to do so. The area is to be mapped at 1:20,000 scale, T-12520 and T-12521.

*Work Office Review Unit*

FIELD EDIT REPORT  
PROJECT 21066  
Manuscripts T-12522; 12523; 12524

METHODS:

No unusual methods were used in the field edit of the interior features of these sheets. All questions noted on the Discrepancy sheet were investigated and answered. Answers and questions are noted on the Smooth Field Edit Sheets. In the shoreline and water areas, a boat was borrowed from the Coast Guard and an investigation of questionable features was made. As areas of congestion are to be shown enclosed in a circle with an appropriate note, no attempt was made to identify individual structures.

Conferences with the U.S. Engineers at Lake Charles and with the U.S. Coast Guard revealed that dredging of the ship channel of the Calcasieu River was begun in November of 1963, shortly after the completion of the field work in the area. Spoil banks not shown on the color photography and shoreline changes due to dredging have been made and will be made prior to the completion of the project. Prints of the dredging plans were secured through the New Orleans District Office and were forwarded to the Washington Office.

A copy of the contract for the building of 19 Aids to Navigation and the moving of 5 additional aids was secured from the Coast Guard at Cameron, Louisiana and forwarded to the Washington Office. In addition, an ozalid of the placement and re-numbering of the aids in the Calcasieu Ship Channel was secured from the New Orleans District and forwarded.

Adequacy Of Compilation

Compilation is adequate, as far as could be determined.

Map Accuracy

No checks were made on the accuracy of the compilation.

Landmarks:

All recommended landmarks were verified. Landmarks shown on Charts 591 and 592 not carried forward were recommended for deletion. In two cases, the landmarks had lost their value due to trees or other buildings in the area. One had been destroyed, and one overshadowed by other taller towers in the area.

Recommendations:

It is recommended that the area be reflowed after dredging and the replacement of lights is completed. These features can be identified during the field edit of the Lake Charles inset.

May 1964

# Memorandum

TO : Chief, Photogrammetry Division  
Coast & Geodetic Survey  
Washington, D.C.

DATE: 25 May 1961

FROM : John C. Lajoie  
General Delivery  
Lake Charles, La.

SUBJECT: Dredging and Rebuilding of Aids to Navigation, Calcasieu Ship  
Channel - Project 21066

Information available in the area, supported by dredging plans, Coast Guard Specifications for the construction of lights, and Corrids of Coast Guard Plans for remarking and renumbering the lights along the Calcasieu Ship Channel, indicates that field edit of shoreline along the dredged channel and the location or verification of lighted aids should be deferred until completion of the work by the U.S. Engineers and contract work by the Coast Guard.

Dredging plans and visual inspection of the spoil areas by boat shows that the shoreline on the field edit manuscript along the east side of the ship channel will be changed in some areas by spoil banks, closing some of the entry from the ship channel into Lake Calcasieu.

Lights 22, 52, 12, 58, and 77 have been removed and temporarily replaced by lighted buoys. Lights 30 and 40 have been temporarily replaced by single pile structures at new locations. Bids have been opened and (according to the USG) contracts awarded for the construction of the "19 minor lights and the removal of 5 minor lights" shown in the enclosed Coast Guard Bulletin dated March 1961.

Ozolid copies of Charts 591, 592, and 1278 indicating the planned positions of Coast Guard aids, and Dredging plans from the Corps. of Engineers were secured by the New Orleans District Office. Specifications for the Construction of 19 Minor Lights etc. ... were secured from the Calcasieu Radio Beacon Station, US Coast Guard, Cameron Louisiana.

Respectfully submitted

*John C. Lajoie*  
John C. Lajoie

*Lights not mentioned above are in positions shown on field edit manuscript, as of 5/15-5/20*

FIELD EDIT REPORT

T-12520 and T-12521

Project 21066 Lake Charles, La.

51 METHODS

The shoreline was visually inspected from a small boat and comparison of compiled features made with actual shoreline structures, mean high-water line and offshore objects and features. Where discrepancies were found notations were made on the Discrepancy Print, which was used for a Field Edit Sheet, and cross-referenced to photographs. Questions, asked on the Discrepancy print were answered on it or on the photographs.

The only roads edited were those travelled to get around in the project and to answer questions on the Discrepancy Prints.

Sextant fixes were taken to provide positions of Calcasieu River Daybeacon 66, several piles and to check the position of Calcasieu River Light 62, which appears to be incorrectly located. The fixes were rough-plotted as a field check on the cronaflex print of the map manuscript and are recorded on the backs of control station identification cards which are part of field edit data.

Deletions have been made in green ink; corrections and additions in purple on Discrepancy Print, single lens ratio or color photographs, or on a section of nautical chart no. 592. No legend has been shown. Photographs used are: 63W4389, 4399, 4400, 4448, 4449, 4450 and color 63W4054, 4067, 4070, 4073, 4074, 4093, 4096, 4103, 4105 and 4106.

52 ADEQUACY OF COMPILATION

Compilation has been well done. With addition of field edit corrections it is believed the map manuscripts will be adequate.

53 MAP ACCURACY

No tests required.

54. RECOMMENDATIONS

It is felt that a thorough examination and utilization of color photography, where available, would result in more detail being shown and more accurate breakdown of marsh, mud flats, etc.

55. EXAMINATION OF PROOF COPY

Not believed to be necessary.

56. CYPRESS SWAMPS, NOW MARSH

Large areas in the vicinity of Lake Charles (lake) shown on nautical chart 592 as Cypress Swamps have been compiled as "marsh". Correct classification presents a problem not easily resolved. These areas are desolate marshy, swampy places where there are millions of dead cypress trees, snags and stumps in addition to grass or marsh-type vegetation. The reason for this situation is said locally to be the result of acid being dumped into the rivers by manufacturing plants, causing the cypress trees to die. Mostly, the classification as shown on the map manuscript has been allowed to stand because in time it is believed the stumps, snags, etc., will no longer exist.

Submitted  
Feb. 15, 1965

*Joseph K. Wilson for*

William H. Shearouse  
Chief, Sub-unit, Party 759

REVIEW REPORT  
T-12520 THRU T-12524  
APRIL 1965

61. General Statement

(See page 1, Summary to Accompany Report)

62. Comparison with Registered Topographic Surveys

Not required. (See Item 8 of Compilation Instructions).

63. Comparison with Maps of Other Agencies

A comparison was made with U.S.G.S. quadrangles; Lake Charles, La., Lake Charles SW, La., Moss Bluff and Westlake, La. The quadrangles were published in 1955 at a scale of 1:24,000.

64. Comparison with Hydrographic Surveys

Not required.

65. Comparison with Nautical Charts

Comparison was made with Charts 591 and 592. Chart 591, scale 1:40,000, 3rd edition, revised July, 1963. Chart 592, scale 1:40,000, 4th edition, October, 1962

66. Adequacy of Results and Future Surveys

The five surveys of this project comply with project instructions. These instructions were modified as the need for changes in procedures and reassignments were found necessary.

The surveys comply with the National Standards of Accuracy.

67. Notes for Nautical Chart Compiler

Considerable dredging and relocating of aids to

- 2 -

navigation has been and is now underway by the Corps of Engineers and the Coast Guard in the project area.

On T-12521 the field editor has indicated that Rose Bluff Cutoff is being widened 400 feet by the Corps of Engineers. This will move the southeast shoreline from the position now shown.

It is recommended that the area be reflown at a later date to provide photographic coverage of the shoreline changed by dredging operations and for the location of aids to navigation.

Approved by:

Reviewed by:

Charles L. Lauer  
Chief, Photogrammetric Branch  
*let*

John P. Bartley Jr. S.B.S.  
Cartographer

J. Ralph Sobieralski - 10/16/67  
Chief, Division of Photogrammetry

Wallace A. Bruder, for  
Chief, Nautical Chart Division  
*10/30/67*

U.S. DEPARTMENT OF COMMERCE  
 COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
 TO BE REVISED.  
 TO BE DELETED.  
 STRIKE OUT TWO

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.  
 The positions given have been checked after listing by D PHILLIPS

Chief of Party

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION SURVEY No.	DATE OF LOCATION	CHARTS AFFECTED		
			LATITUDE*		LONGITUDE*				HARBOR CHART	INSHORE CHART	OFFSHORE CHART
			° ' "	D.M. METERS	° ' "	D.P. METERS					
Private Lts			30° 13'	53.425	93° 15'	18.415	712520 Photo	1963	X		592
"			30° 13'	50.977	93° 15'	14.957	"	"	X		"
"			30° 13'	50.013	93° 15'	13.498	"	"	X		"
"			30° 13'	47.266	93° 15'	14.583	"	"	X		"
"			30° 13'	45.784	93° 15'	11.105	"	"	X		"
"			30° 13'	43.334	93° 15'	11.031	"	"	X		"
"			30° 13'	40.900	93° 15'	10.769	"	"	X		"
Private Lts			30° 13'	25.340	93° 16'	28.800	"	"	X		"
"			30° 13'	20.979	93° 16'	10.735	"	"	X		"
"			30° 13'	16.550	93° 15'	27.595	"	"	X		"
Lts.	Continental Oil Dock (Priv)		30° 13'	16.550	93° 15'	7.380	"	"	X		"
"	"		30° 13'	16.440	93° 15'	21.220	"	"	X		"
"	"		30° 13'	9.418	93° 15'	5.515	"	"	X		"
Lts	Westlake Dock (Priv)		30° 13'	21.000	93° 15'	4.400	"	"	X		"
"	"		30° 13'	2.552	93° 15'	3.777	"	"	X		"
"	"		30° 13'	2.550	93° 15'	7.010	"	"	X		"

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

\* TABULATE SECONDS AND METERS

7-12520  
 Form 567  
 (4-61)  
 L-831(1965)



NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

WASHINGTON, D.C. OCT 1964

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by D. PHILLIPS

STATE CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*		LONGITUDE*		DATUM							
			D. M.	SECONDS	D. M.	SECONDS								
Lt 5	Lake Charles Wharf (Priv)		30° 15'	16.563	93° 12'	8.098	N.A.	1927	Photo	X			592	
"	"		30° 15'	15.367	93° 12'	8.307	"		"	X			"	
Lt 5	Light Dock (Priv)		30° 15'	12.990	93° 12'	8.753	"		"	X			"	
"	"		30° 15'	11.487	93° 12'	8.876	"		"	X			"	
Lt 55	"		30° 15'	10.782	93° 14'	8.833	"		"	X			"	
Lt 60	"		30° 13'	15.710	93° 14'	8.920	"		"	X			"	
* Lt 62	SEE NEW POS. SUBMITTED		30° 13'	15.710	93° 14'	8.920	"		"	X			"	
Daybu 64	see position on separate form		30° 13'	15.710	93° 14'	8.920	"		"	X			"	
* Daybu 66	see position on separate form		30° 13'	15.710	93° 14'	8.920	"		"	X			"	
Lt 68	Mobil Oil Dock		30° 14'	13.80	93° 14'	94.055	"		Photo	X			592	
Lt	LAKE CHARLES, CALCASIEU RIVER BRIDGE LIGHT, 1963		30° 14'	13.109	93° 12'	50.656	"		"	X			"	
Lt	"		30° 14'	13.143	93° 14'	1357.5	"		Transect - Station	X			"	

Chief of Party

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey. Information under each column heading should be given.

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by D. PHILLIPS

WASHINGTON, D.C. OCT. 1967

Page 3 of 16

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE		LONGITUDE		DATUM							
				D. M. METERS	"	D. P. METERS	"								
	Lt 31			30° 07'	54.852	93° 19'	51.548	N.A.	1927	7-12521 Photo	1963	X		592	
	Lt 32			30° 08'	00.065	93° 19'	76.733	"	"	"	"	X		"	
	Lt 34			30° 08'	41.293	93° 19'	51.534	"	"	"	"	X		"	
	Lt's	Hydromark Terminal Oil Dock (Priv)		30° 08'	10.068	93° 19'	5.978	"	"	"	"	X		"	
	"	"		30° 08'	21.294	93° 19'	11.582	"	"	"	"	X		"	
	"	"		30° 08'	25.515	93° 19'	310.0	"	"	"	"	X		"	
	"	"		30° 08'	7.388	73° 19'	19.160	"	"	"	"	X		"	
	"	"		30° 08'	22.715	73° 19'	379.0	"	"	"	"	X		"	
	Lt's	Dawson Chem. Dock (Priv)		30° 08'	6.820	93° 19'	16.065	"	"	"	"	X		"	
	"	"		30° 09'	18.865	93° 19'	57.536	"	"	"	"	X		"	
	"	"		30° 09'	579.0	93° 19'	1459.5	"	"	"	"	X		"	
	"	"		30° 09'	17.748	93° 19'	55.452	"	"	"	"	X		"	
	"	"		30° 09'	596.5	93° 19'	1487.0	"	"	"	"	X		"	
	Lt's	Magnolia Wharf (Priv)		30° 09'	25.266	93° 19'	47.100	"	"	"	"	X		"	
	"	"		30° 09'	778.0	93° 19'	1260.5	"	"	"	"	X		"	
	"	"		30° 09'	20.281	93° 19'	62.631	"	"	"	"	X		"	
	"	"		30° 09'	624.5	93° 19'	1408.5	"	"	"	"	X		"	
	Lt's	Parse Dock (Priv)		30° 09'	27.577	93° 19'	46.456	"	"	"	"	X		"	
	"	"		30° 09'	243.0	93° 19'	1216.5	"	"	"	"	X		"	
	"	"		30° 09'	29.131	93° 19'	42.803	"	"	"	"	X		"	
	"	"		30° 09'	897.0	93° 19'	1145.5	"	"	"	"	X		"	

Chief of Party.

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

WASHINGTON, D.C. OCT. 1964

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.  
The positions given have been checked after listing by D. PHILLIPS

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE #		LONGITUDE #		DATUM	D.P. METERS						
				°	'	°	'								
LtS		Clifton Riggs Dock (Priv)		30° 09'	33.352	93° 19'	31.276	N.A.	7-12521	1963	X			592	
"		"		30° 09'	30.138	93° 19'	38.058	"	"	"	X			"	
"		"		30° 09'	30.641	93° 19'	40.617	"	"	"	X			"	
H. 46		"		30° 09'	36.016	93° 19'	10.332	"	"	"	X			"	
LtS		Cities Service Refining Co. Dock A (Priv)		30° 10'	35.205	93° 19'	2.100	"	"	"	X			"	
"		"		30° 10'	19.698	93° 19'	2.867	"	"	"	X			"	
LtS		Cities Service Refining Co. Dock B (Priv)		30° 10'	35.724	93° 19'	16.167	"	"	"	X			"	
"		"		30° 10'	1100.0	93° 19'	16.510	"	"	"	X			"	
LtS		Cities Service Refining Co. Dock C (Priv)		30° 10'	26.598	93° 19'	8.783	"	"	"	X			"	
"		"		30° 10'	879.0	93° 19'	2.350	"	"	"	X			"	
LtS		"		30° 10'	42.722	93° 19'	1.813	"	"	"	X			"	
"		"		30° 10'	1315.5	93° 19'	48.5	"	"	"	X			"	
LtS		Cities Service Refining Co. Dock D (Priv)		30° 11'	37.023	93° 18'	5.307	"	"	"	X			"	
"		"		30° 10'	1140.0	93° 18'	142.0	"	"	"	X			"	
LtS		"		30° 10'	57.190	93° 18'	35.080	"	"	"	X			"	
"		"		30° 10'	1761.0	93° 18'	42.979	"	"	"	X			"	
LtS		Netrobem Chem. Co. Dock #1 (Priv)		30° 10'	55.696	93° 18'	1150.0	"	"	"	X			"	
"		"		30° 10'	1715.0	93° 18'	46.530	"	"	"	X			"	
"		"		30° 10'	57.137	93° 18'	124.510	"	"	"	X			"	
"		"		30° 10'	1667.0	93° 18'	48.978	"	"	"	X			"	
"		"		30° 10'	1310.5	93° 18'	1310.5	"	"	"	X			"	

Chief of Party.

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be certified. Parts of the area and not by a survey sheets. Information under each column heading should be given.

F-12521

Form 567 (4-61)

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

**NONFLOATING AIDS-OR-LANDMARKS-FOR CHARTS**

TO BE CHARTED }  
~~TO BE REVISED~~ } STRIKE OUT TWO  
~~TO BE DELETED~~ }

WASHINGTON D.C. OCT 19 1964

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by D. PHILLIPS

Chief of Party.

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
				LATITUDE*		LONGITUDE*		DATUM								
				° ' "	D.P. METERS	° ' "	D.P. METERS									
	47 51			30° 12'	19 53.0	93° 16'	31.576	N.A.	1927	F-12521	1863	X			592	
	47 53			30° 12'	602.0	93° 16'	843.0	"	"	"	"	X			"	
	47 54			30° 12'	25.815	93° 16'	17.758	"	"	"	"	X			"	
					795.0		475.0	"	"	"	"					
					19925		54.210	"	"	"	"					
					613.5		1950.0									

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\* TABULATE SECONDS AND METERS

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

I recommend that the following objects which have ~~(been sent)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by J. O. McGee

Baltimore, Md. April 1964

Chief of Party

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE		LONGITUDE		DATUM						
			D. P. METERS	"	D. P. METERS	"							
7800 LT.	CALCASIEU PASS RANGE FRONT LT		29 46	1048.3	93 20	16.751	N.A.	7-17524	4/19/68	X		591	
7801 LT.	" " REAR LT		29 46	1750.8	93 20	49.979	"	Triang	5/18/68	X		"	
7802 LT.	" " LT		29 46	1079.3	93 20	40.557	"	Stereo Br.	5/18/68	X		"	
7803 LT.	" " "		29 46	1750.8	93 20	51.636	"	"	5/18/68	X		127X	
7804 LT.	" " ISLAND LIGHT LT		29 49	1124.9	93 20	57.425	"	"	5/18/68	X		"	
7805 LT.	CALCASIEU CANYON LT		29 50	650.2	93 20	53.921	"	"	5/20/64	X		"	
7806 LT.	" " "		29 51	1225	93 20	47.953	"	Photo	5/20/64	X		"	
7807 LT.	" " "		29 51	38.810	93 20	12.87	"	Photo	5/20/64	X		"	
7808 LT.	" " "		29 51	56.728	93 20	41.060	"	Photo	TRIS	X		"	
7809 LT.	" " "		29 59	1747.0	93 20	109.51	"	Triang.	5/18/68	X		"	
7810 LT.	" " "		29 59	55.483	93 20	31.411	"	Triang.	5/18/68	X		"	
7811 LT.	" " "		29 59	1708.5	93 20	923.4	"	Triang.	TRIS	X		"	
7812 LT.	" " "		29 59	1225	93 20	32.610	"	Stereo Br.	5/20/64	X		"	
7813 LT.	" " "		29 59	1425.3	93 20	24.92	"	"	6/5/64	X		"	
7814 LT.	" " "		29 59	1388.9	93 20	669.3	"	"	TRIS	X		"	
7815 LT.	" " "		29 59	1388.9	93 20	534.3	"	"	TRIS	X		"	

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

I recommend that the following objects which have (has) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by G. O. M. [Signature]

Baltimore, Md April 19 64

to page 771  
CC  
CC

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION SURVEY	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE #		LONGITUDE #		DATUM	D.P. METERS						
				°	'	°	'								
Louisiana	LT 47	CALCASIEU CHANNEL		29	59	01.609	93	20	17.754	NA	1923		X		591
	LT 48	"		29	57	01.425	93	20	11.857	"			X		"
	LT 57	"		29	57	01.425	93	20	12.135	"					"
	LT 58	"		29	57	01.425	93	20	32.53	"					"
	LT 59	"		29	57	01.425	93	20	25.881	"					"
	LT 67	"		29	57	01.425	93	20	15.97	"					"
	LT 68	"		29	57	01.425	93	20	162.8	"					"
	LT 69	"		29	57	01.425	93	20	57.881	"					"
	LT 77	"		30	00	31.701	93	19	155.44	"					"
	LT 85	"		30	00	31.701	93	19	59.433	"					"
	LT 87	"		30	01	25.770	93	19	1592.8	"					"
	LT 89	"	NOT PLOTTED?		30	01	778.1	93	19	54.171	"				
LT 90	"			30	01	19.297	93	19	1451.6	"					"
LT 91	"			30	01	59.47	93	19	59.326	"					591
LT 92	"			30	01	59.47	93	19	1348.3	"					592
LT 93	"			30	01	1547.5	93	19	43.328	"					"
LT 94	"			30	01	83.541	93	19	1160.0	"					"
LT 95	"			30	01	1097.0	93	19	22.808	"					"
LT 96	"			30	01	41.250	93	19	771.6	"					"
LT 97	"			30	01	1585.0	93	19		"					"
LT 98	"			30	01	49.201	93	19		"					"
LT 99	"			30	01	15.728	93	19	51.32	"					"
LT 100	"			30	01	37.857	93	19	54.219	"					"
LT 101	"			30	01	1159.5	93	19	1018.2	"					590

Chief of Party.

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

NONFLOATING AIDS ON GRANDMAKERS RIVER CHANNELS

TO BE CHARTED  
TO BE RELEASED  
UNDETERMINED

Baltimore, Md. April 1964

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by J.D. McE...

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION SURVEY	DATE OF LOCATION	CHARTS AFFECTED		
				LATITUDE*		LONGITUDE*		DATUM	HARBOR CHART				INSHORE CHART	OFFSHORE CHART
				D.M. METERS	° ' "	D.M. METERS	° ' "							
87416	LOUISIANA	CALCASIEU CHANNEL } same LT.		29.58	93 19	11A	1907	Starco Bridge	Aug 29	572				
87415		CALCASIEU RIVER		911.0	93 19	697.1			5/18/11	"				
87415		RANGE FRONT		47.326	92 19	759.4			5/18/11	"				
87416		RANGE REAR		57.57	08 10	725.0			5/18/11	"				
87416		DEVILS HOLLOW		10.924	08 18	29.786		Starco Bridge	5/18/11	"				
87417		"		333.2	08 18	797.5		"	5/18/11	"				
87418		"		28.75	73 17	59.85		"	5/18/11	"				
87419		"		891.0	73 17	1602.7		"	5/18/11	"				
87420		LEADING LIGHT	see compiled position	35.97	93 20	27.749		"	5/18/11	"				
87421		CALCASIEU RIVER		116.3	93 19	56.280		"	5/18/11	"				
87422		"		93.153	93 19	18.257		"	5/18/11	"				
87423		RANGE REAR		118.6	93 19	1557.6		"	5/18/11	"				
87424		"		13.637	93 19	42.262		"	5/18/11	"				
87425		"		419.9	93 19	1147.4		"	5/18/11	"				
87426		RANGE REAR		33.092	93 19	45.950		Thood		"				
87427		"		1017.2	93 19	1250.0		Stereo Bridge	Aug 29	"				
87428		CALCASIEU RIVER		54.302	93 19	51.115		"		"				
87429		"		1691.3	93 19	1382.7		"		"				
87430		"		92.287	93 19	41.115		"		"				
87431		"		8.8	93 19	1248.6		"		"				
87432		"		47.542	93 19	511.642		"		"				
87433		"		1279.2	93 19	1382.0		"		"				
87434		"		31.144	93 19	11.735		"		"				
87435		"		114.5	93 19	276.6		"		"				

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

\* TABULATE SECONDS AND METERS

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

Page 9 of 16

100  
100  
100

NONFLOATING AIDS, OBSCURE LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

Lake Charles, La.

Feb. 12, 1965

I recommend that the following objects which have ~~(been charted)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

Joseph K. Wilson  
Joseph K. Wilson

The positions given have been checked after listing by

Chief of Party 759

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHODOLOGY AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE *		LONGITUDE *		DATUM							
			°	'	°	'								
	CALCASIEU RIVER LIGHT 62		30	13.8	51.34"	93	14.8	43.46"	N.A. 1927	2/11/65	X			592
	CALCASIEU RIVER Daybeacon 66		30	14.1	1581"	93	14.7	39.31"	N.A. 1927	2/10/65	X			592

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

\* TABULATE SECONDS AND METERS



NONFLOATING AIDS OR LANDMARKS FOR CHARTS

~~TO BE CHARTED~~  
~~TO BE REVISED~~  
TO BE DELETED

STRIKE OUT TWO

I recommend that the following objects which have (have not) been inspected from seaward to determine their value as landmarks be charted on (deleted from) the charts indicated.

The positions given have been checked after listing by D. PHILLIPS

WASHINGTON, D.C. OCT. 1964

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE *		LONGITUDE *							
			° - ' - "	D. M. METERS	° - ' - "	D. P. METERS						
	Cal casey Pass Lt. 52											
	Lt 77											
	Lt 58											
	Lt 77 was rebuilt, but											
	is not to be charted from											
	the new position is 200.216 112											
	Lt 89											

Chief of Party.

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

\* TABULATE SECONDS AND METERS

U. S. DEPARTMENT OF COMMERCE  
 COAST AND GEODETIC SURVEY

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
 TO BE REVISED  
 TO BE DELETED

STRIKE OUT TWO

Lake Charles, La.

Feb. 12

19 65

I recommend that the following objects which have ~~(been inspected)~~ been inspected from seaward to determine their value as landmarks be ~~charted~~ (deleted from) the charts indicated.

*Joseph K. Wilson*  
 Joseph K. Wilson  
 Chief of Party 759

*W. S. ...*  
 Durwood Y. ...

CHARTING NAME	STATE	LOUISIANA	DESCRIPTION	SIGNAL NAME	POSITION					METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	NARROR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
					LATITUDE #		LONGITUDE #		DATUM						
					D. M. METERS		D. M. METERS		D. F. METERS						
Calcasieu River, Coon Island Daybeacon 16					30 13.2		93 16.6		N.A. 1927	T-12520	2/12/65	X			592
Calcasieu River, Coon Island Daybeacon 18					30 13.2		93 16.6		N.A. 1927	T-12520	2/12/65	X			592
Calcasieu River, Coon Island Daybeacon 20					30 13.4		93 16.6		N.A. 1927	T-12520	2/12/65	X			592
Calcasieu River, Coon Island Daybeacon 22					30 13.4		93 16.6		N.A. 1927	T-12520	2/12/65	X			592

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 6-36, Fig. 79. Positions of charted landmarks and non-floating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the ... and not by individual field survey sheets. Information under each column heading should be given.

1963/12 of 16

NONFLOATING AIDS OR LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

WASHINGTON, DC OCT. 1964

I recommend that the following objects which have (have-not) been inspected from seaward to determine their value as landmarks be charted on (deleted-from) the charts indicated.

The positions given have been checked after listing by D. PHILLIPS

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED	
			LATITUDE		LONGITUDE		DATUM	D. M. METERS							D. P. METERS
			°	'	°	'									
Mast	Radio Mast ht=300(305)		29°47'	16.2	93°17'	53.0	1927	Field sketch	1964				(7-12525)		
TANK	(Steel) ht=141 (153)		30°10'	46.733 1437.0	93°19'	13.025 378.5	"	T-12521 P-15	1963				(7-12521) 592		
TWIN TANKS	(steel) ht=243(256)		30°11'	33.418 1034.0	93°19'	18.689 500.0	"	T-12521 P-15	1963				592		
"	"		30°11'	35.413 1024.0	93°19'	17.344 464.0	"	T-12521 Dial					"		
SIGNAL	(white cone) ht=235(235)		30°08'	53.207 1641.5	93°20'	4.857 130.0	"	T-12521 "	1963				592		

Chief of Party

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

\* TABULATE SECONDS AND METERS

~~NONFLUORESCENT~~ ~~AND/OR~~ LANDMARKS FOR CHARTS

TO BE CHARTED  
~~TO BE REASED~~  
~~TO BE DELETED~~ } STRIKE OUT TWO

Baltimore, Md. April, 1964

I recommend that the following objects which have ~~(have not)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by C. H. Gray

Chief of Party

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OR LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE*		LONGITUDE*		DATUM							
			D. M. METERS	"	D. M. METERS	"								
LOUISIANA														
RADIO TOWER	TEXAS CO. RADIO TOWER ht = 219 (224)		30 00	47 50	93 20	80 75	N.A.	1927	Aug 1963				591	
TANK	TANK 1963 (steel) ht = 68 (73)		30 53	02 40	93 19	45 66	"	"	"				592	
STACK	STACK 1963 (white tank) ht = 22.5 (23.5)		30 53	53 40	93 20	04 85	"	"	"				592	

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and nonfluorescent aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

U.S. DEPARTMENT OF COMMERCE  
COAST AND GEODETIC SURVEY

Apr 14 of 1963  
11 00  
00

NOTICE TO CHARTING OFFICERS FOR LANDMARKS FOR CHARTS

TO BE CHARTED  
TO BE REVISED  
TO BE DELETED

STRIKE OUT TWO

Baltimore, Md April 1963

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(deleted from)~~ the charts indicated.

The positions given have been checked after listing by G.D. McHenry

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION						METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
			LATITUDE		LONGITUDE		DATUM							
			D. M. METERS	° ' "	D. M. METERS	° ' "								
TANK	CAMERON SILVER WATER TANK 1963 (Steel) H.E. 146 (151)		39 47	73 19	16.415	NA	ALSO	8-17-63	X			591		
R BN	COAST GUARD RADIO TOWER 1963 H.E. 131 (135)		29 45	72 70	41.50	"	Photo	"	X			"		
STACK	STACK CENTER OF TOWER 1963 H.E. 74 (74)		29 45	72 70	47.52	"	Photo	"	X			"		

Chief of Party

STATE LOUISIANA

This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloating aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts area and not by individual field survey sheets. Information under each column heading should be given.

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7-12520

**LANDMARKS FOR CHARTS**

TO BE CHARTED  
UNLESS OTHERWISE  
INDICATED

STRIKE OUT TWO

Lake Charles, La. Aug. 27, 1963

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(charts)~~ the charts indicated.

The positions given have been checked after listing by L.I. Saperstein

H.G. Lucas

Chief of Party

STATE	CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION			DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	NEARBY CHART	OFFSHORE CHART	CHARTS AFFECTED
				LATITUDE	LONGITUDE	D.P. REVISIONS							
Louisiana	TANK	(Lake Charles, Rice mill, tall silver tank) at Louisiana Rice milling Co. Steel, elev. ht= 183 (198)		30 14	93 12	27.612	NA 1927	7-12520 Triang	Aug 26 1963	X			592
Louisiana	TANK	Steel, elev. at Louisiana Rice Milling Co. ht= 151 (161)		30 14	93 12	33.32	"	Photo	"	X			"
Louisiana	STACK	Brick, at Olin Mathieson Chemical Corp ht= 225 (238)		30 14	93 15	54.52	"	"	"	X			"
Louisiana	STACK	Brick at Olin Mathieson Chemical Corp ht= 220 (233)		30 14	93 16	04.03	"	"	"	X			"
Louisiana	STACK	Brick at Olin Mathieson Chemical Corp ht= 275 (288)		30 14	93 16	02.00	"	"	"	X			"
Louisiana	STACK	Steel, at Port of Lake Charles ht= 123 (133)		30 13	93 15	26.27	"	"	Aug 23 1963	X			"
Louisiana	TV TOWER	(Lake Charles, TV Station KPLC Mast ht= 474 (489) 1955)		30 13	93 12	56.591	"	Triang	Aug 27 1963	X			"

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and non-charting aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be clear and unambiguous. Information under each column heading should be given.

COAST AND GEODETIC SURVEY

**LANDMARKS FOR CHARTS** T-12520

Page 16 of

TO BE CHARTED  
IS REVIEWED  
BY

STRIKE OUT TWO

Lake Charles, La. Aug 27 1963

I recommend that the following objects which have ~~(been)~~ been inspected from seaward to determine their value as landmarks be charted on ~~(charts)~~ the charts indicated.

The positions given have been checked after listing by I.L. Saperstein

Harvey G. Lucas  
Chief of Party

CHARTING NAME	STATE	DESCRIPTION	SIGNAL NAME	POSITION				METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	CHARTS AFFECTED		
				LATITUDE ° ' "	LONGITUDE ° ' "	DATUM	HARBOUR CHART			INSURE CHART	OFFSHORE CHART	
(14)	Louisiana	(Port of Lake Charles, tank at dock, 1931) Steel, elev Painted Silver ht=135 (145)		30 13 01.163 35.8	93 15	NA 1927	7-12520 Triang	Aug 23 1963	X			592
TANKS	Louisiana	(Port of Lake Charles Tank Silver Top, 1931) Steel, elev Painted Silver ht=132 (142)		30 13 01.483 45.7	93 15	" "	7-12520 "	" "	X			"

This form shall be prepared in accordance with Hydrographic Manual, Publication 20.2, Sec. 1-55, 2-39, 6-36, 7-18 to 22 inclusive, and Fig. 79. Positions of charted landmarks and non-charted aids to navigation, if redetermined, shall be reported on this form. Revisions shall show both the old and new positions. The data should be considered for the charts of the area and not by individual field survey sheets. Information under each column heading should be given.

\* TABULATE SECONDS AND METERS

# RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. **T-12520**

### 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
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
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			Drawing No.



# RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. **T-12521**

## 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
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
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### RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-12522

#### 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
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
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RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-12523

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
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
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RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. T-12524

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
			Full Part Before After Verification Review Inspection Signed Via Drawing No.
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