ORIGINAL

TP-00046

NOAA FORM 76-35

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

DESCRIPTIVE REPORT

Type of Survey Shoreline

Job No. PH-6902 *Map No.* TP-00046

Classification No. *Edition No.* 1

Field Edited

LOCALITY

State Mississippi - Louisiana

General Locality Lake Borgne

Locality Isle Au Pitre

1969 TO 1971

REGISTRY IN ARCHIVES

DATE

☆ U.S. GOVERNMENT PRINTING OFFICE: 1973-761-775

TP-00046

MAP NOT INSPECTED IN QUALITY CONTROL PRIOR

TO REGISTRATION

FORM C&GS-181a
(3-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

TP-00046

1

PROJECT NO. (II):

PH-6902

FIELD OFFICE (II):	CHIEF OF PARTY
PHOTOGRAMMETRIC OFFICE (III):	**OFFICER-IN-CHARGE**
Atlantic Marine Center - Norfolk, VA	Alfred C. Holmes - Director

INSTRUCTIONS DATED (II) (III):

Office - Aerotriangulation - June 13, 1969
Office - Compilation - July 25, 1969
Office - Amendment I Oct. 6, 1969
Office - Amendment 2 Dec. 11, 1969
Office - Supplement I May 13, 1970
Field - - April 28, 1969
Field - Supplement I - Oct. 7, 1969
Field - Post Compilation - April 6, 1970
F & O - Review of Instructions - June 20, 1972

METHOD OF COMPILATION (III):

Wild B-8 Stereoplotter and Graphic

MANUSCRIPT SCALE (III):	STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):
1:20,000	1:30,000 Pantographed to 1:20,000
DATE RECEIVED IN WASHINGTON OFFICE (IV):	DATE REPORTED TO NAUTICAL CHART BRANCH (IV):

APPLIED TO CHART NO.	DATE:	DATE REGISTERED (IV):
		Sept. 24 1975

GEOGRAPHIC DATUM (III):	VERTICAL DATUM (III):
N.A. 1927	MEAN High Water EXCEPT AS FOLLOWS: *Elevations shown as (25) refer to mean high water* *Elevations shown as (5) refer to sounding datum* *i.e., mean low water*

REFERENCE STATION (III):

ENID, 1966

LAT.:	LONG.:	
30°09' 36.83443 (1134.2M)	89°11' 36.25597 (970M)	[X] ADJUSTED [ ] UNADJUSTED

PLANE COORDINATES (IV):	STATE	ZONE
Y = 549,441.98 Ft. X = 2,676,241.96 Ft.	Louisiana	South

ROMAN NUMERALS INDICATE WHETHER THE ITEM IS TO BE ENTERED BY (II) FIELD PARTY, (III) PHOTOGRAMMETRIC OFFICE, (IV) WASHINGTON OFFICE.
WHEN ENTERING NAMES OF PERSONNEL ON THIS RECORD GIVE THE SURNAME AND INITIALS, NOT INITIALS ONLY.

USCOMM-DC 36393A-P66

FORM C&GS-181b
(3-66)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

2

TP-00046

FIELD INSPECTION BY (III): None	DATE:
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air Photo Compilation - Nov. 15, 1969, Date of Photography.	
PROJECTION AND GRIDS RULED BY (IV): Coradomat Auto Plotter	DATE: Feb., 1970
PROJECTION AND GRIDS CHECKED BY (IV): Coradomat Auto Plotter	DATE: Feb., 1970
CONTROL PLOTTED BY (III): Coradomat Auto Plotter Triangulation - R. White	DATE: Feb., 1970 March,1970
CONTROL CHECKED BY (III): Coradomat Auto Plotter Triangulation - A.C. Rauck, Jr.	DATE: Feb., 1970 March, 1970
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III):	DATE:
STEREOSCOPIC INSTRUMENT COMPILATION (III): Wild B-8 — [redacted] Points only L.O. Neterer, Jr. Checked by: A.L. Shands	DATE: March 31, 1970 March 31, 1970
CONTOURS: Inapplicable	DATE:
MANUSCRIPT DELINEATED BY (III): B. Wilson	DATE: April 9, 1970
SCRIBING BY (III):	DATE:
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): Frank P. Margiotta	DATE: Feb. 12, 1974

REMARKS:

Field Edit By:
William J. Mottern — Nov., 1971
Richard D. Olson, LTJG, NOAA — Nov., 1971

USCOMM-DC 36393B-P66

FORM C&GS-1312
(12-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

3

TP-00046

CAMERA (KIND OR SOURCE) (III):

Wild RC-8 "L"

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
69S(C)9075 thru 9085	Nov. 15, 69	09:37	1:20,000	0.8 Ft. above MLW
69E(C)3290 thru 3292	Nov. 15, 69	11:18	1:40,000	0.3 Ft. above MLW
* 69 M 186 thru 189	Nov. 15, 69	14:32	1:60,000	-0.3 Ft. below MLW

TIDE (III)

Predicted

Diurnal

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
*Compilation Photos		Tide	
REFERENCE STATION: Pensacola, Florida		0.6	1.3
SUBORDINATE STATION: Bay St. Louis, MISS			
SUBORDINATE STATION:			

Atlantic Marine Center
~~XXXXXXXXXXXXXX~~ REVIEW BY (IV): C. H. Bishop — DATE: March 1974

PROOF EDIT BY (IV): — DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II): 4	RECOVERED: 4	IDENTIFIED: 4
NUMBER OF BM(S) SEARCHED FOR (II): 0	RECOVERED: 0	IDENTIFIED 0

NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): None

NUMBER OF TEMPORARY PHOTO HYDRO STATIONS ESTABLISHED (III): None

REMARKS:

3 A

ESSA FORM 76-36c
(2-70)

U.S. DEPARTMENT OF COMMERCE
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION
COAST AND GEODETIC SURVEY

HISTORY OF FIELD OPERATIONS

I. ☐ FIELD INSPECTION OPERATION ☒ FIELD EDIT OPERATION

OPERATION		NAME	DATE
1. CHIEF OF FIELD PARTY		Richard D. Olson	29 Nov 71
2. HORIZONTAL CONTROL	RECOVERED BY	William J. Mottern	Oct 71
	ESTABLISHED BY	none	
	PRE-MARKED OR IDENTIFIED BY	none	
3. VERTICAL CONTROL	RECOVERED BY	none	
	ESTABLISHED BY	none	
	PRE-MARKED OR IDENTIFIED BY	none	
4. LANDMARKS AND AIDS TO NAVIGATION	RECOVERED (*Triangulation Stations*) BY	none	
	LOCATED (*Field Methods*) BY	none	
	IDENTIFIED BY	William J. Mottern	Oct 71
5. GEOGRAPHIC NAMES INVESTIGATION	TYPE OF INVESTIGATION ☐ COMPLETE ☐ SPECIFIC NAMES ONLY ☒ NO INVESTIGATION — BY		
6. PHOTO INSPECTION	CLARIFICATION OF DETAILS BY	William J. Mottern	Oct 71
7. BOUNDARIES AND LIMITS	SURVEYED OR IDENTIFIED BY	none	

II. *SOURCE DATA*

1. HORIZONTAL CONTROL IDENTIFIED: N/A

2. VERTICAL CONTROL IDENTIFIED: n/a

PHOTO NUMBER	STATION NAME	PHOTO NUMBER	STATION DESIGNATION

3. PHOTO NUMBERS (*Clarification of details*)

69S(c) 9074-9085 69M 186-189

4. LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED

See forms 76-40

PHOTO NUMBER	OBJECT NAME	PHOTO NUMBER	OBJECT NAME
9082	Grand Pass Oyster Bay Light		
*9082	Louisiana Wildlife & Fisheries Port of Entry Station		

5. GEOGRAPHIC NAMES: ☐ REPORT ☒ NONE

6. BOUNDARY AND LIMITS: ☐ REPORT ☒ NONE

7. SUPPLEMENTAL MAPS AND PLANS

None

8. OTHER FIELD RECORDS (*Sketch books, etc.* **DO NOT** *list data submitted to the Geodesy Division*)

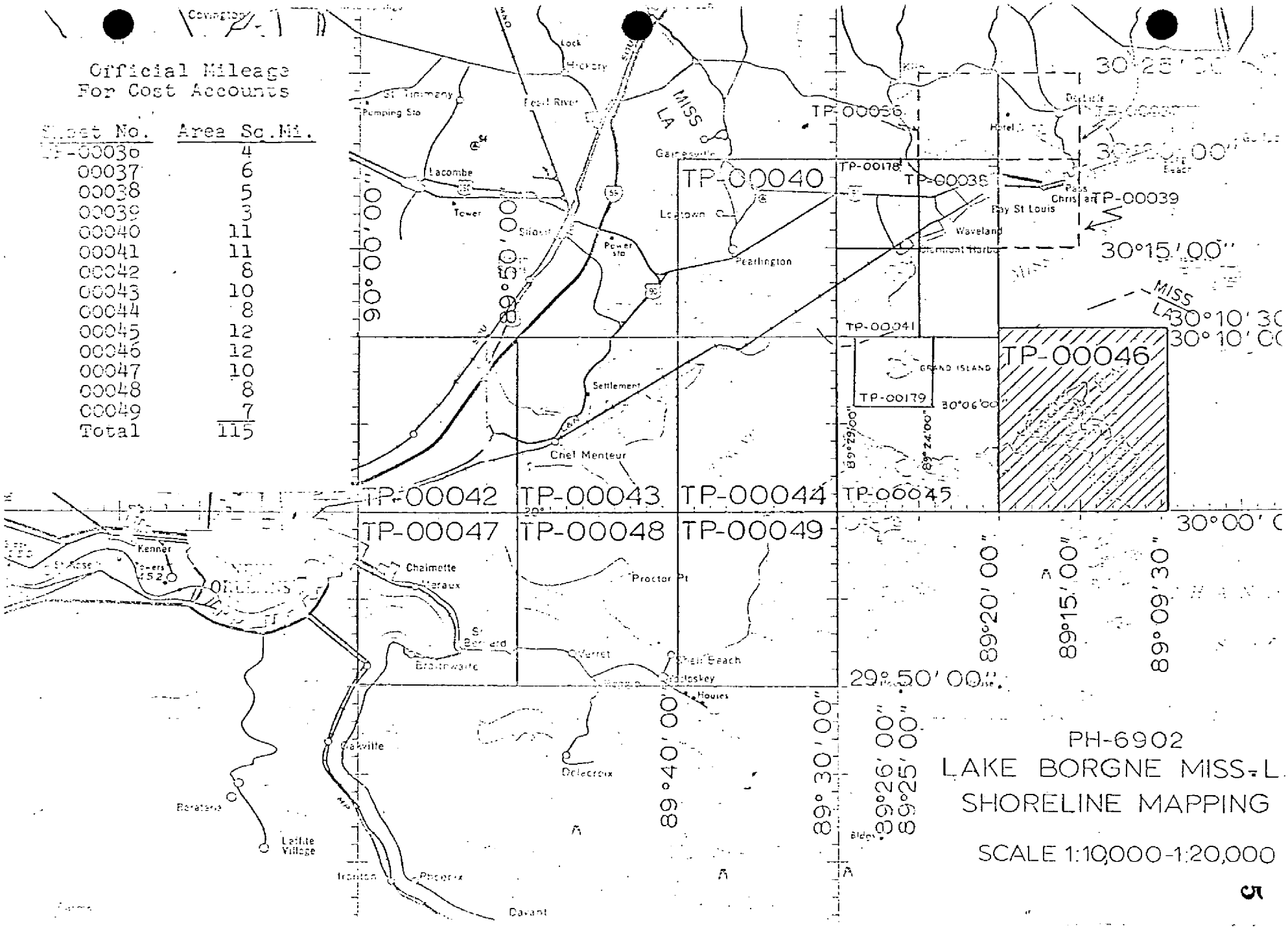
ESSA FORM 76-36C

USCOMM-DC 46200-P70

* This is a landmark feature only - not a charted landmark

TP-00046

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation Complete Pending Field Edit.	April 9, 1970	Superseded
Field Edit Applied Compilation Complete	March 9, 1972	Superseded
Final Review	March, 1974	


Official Mileage
For Cost Accounts
Sheet No. Area Sq.Mi.
TP-00036 4
00037 6
00038 5
00039 3
00040 11
00041 11
00042 8
00043 10
00044 8
00045 12
00046 12
00047 10
00048 8
00049 7
Total 115
TP-00036
TP-00040
TP-00178
TP-00038
TP-00039
TP-00041
TP-00046
TP-00179
TP-00042
TP-00043
TP-00044
TP-00045
TP-00047
TP-00048
TP-00049
30°25'00"
30°15'00"
30°10'30"
30°10'00"
30°00'00"
89°50'00"
89°40'00"
89°30'00"
89°20'00"
89°15'00"
89°09'30"
89°26'00"
89°25'00"
29°50'00"
MISS LA
Lacombe
Tower
Pearlington
Waveland
Bay St Louis
Pass Christian
Lock Hickory
St Tammany Pumping Sta
Pearl River
Gainesville
Power sta
Settlement
Chef Menteur
GRAND ISLAND
Kenner
Chalmette
Proctor Pt
Braithwaite
Verret
Shell Beach
Hopedale
Oakville
Delacroux
Barataria
Lafitte Village
Ironton
Phoenix
Davant
PH-6902
LAKE BORGNE MISS-L.
SHORELINE MAPPING
SCALE 1:10,000-1:20,000

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT TP-00046

This 1:20,000 scale shoreline manuscript is one of 16 maps that comprise Project PH-6902, Lake Borgne, MISS - LA. The project diagram shows the location of this map in the project.

Field work prior to compilation was limited to recovery, identification, and pre-marking of horizontal control required for bridging.

Compilation was by graphic methods, using pass points dropped by the Wild B-8 for control. 1:20,000 scale contact color photos and ratio prints of 1:40,000 scale color photos and 1:60,000 scale panchromatic photos were used. See Compilation Report Par. 31.

Field edit was done in November, 1971.

Final review was done at the Atlantic Marine Center in March, 1974.

The original manuscript was a stabilene sheet 10 minutes 30 seconds in latitude by 10 minutes 30 seconds in longitude.

A cronaflex copy and a negative of the final reviewed manuscript were forwarded for record and registry.

FIELD INSPECTION REPORT

PH - 6902

TP-00046

There was no field inspection prior to compilation.

Shoreline Mapping, Lake Borgne, La.

FIELD

JOB PH-6902

Premark was done in accordance with Instructions received 29 April, 1969.

All stations were premarked using panel array no. 2.

MILT, 1969 was established in target area no. 4 on flight line 30-1. Permission to establish MILT, 1969 as third-order was obtained from C-1413.

Photography was completed on 3 June 1969.

Respectfully Submitted,

Dale M. Fuller

Dale M. Fuller
Photo Party 61
Pass Christian, Miss

FIELD REPORT PH-6902

PREMARKING HORIZONTAL CONTROL STATIONS

In accordance with Instructions--FIELD--SUPPLEMENT I--Shoreline Mapping, Lake Borgne, Louisiana, received October 7, 1969, reference C1413, 24 triangulation stations were premarked. Revised Horizontal Control Diagram dated October 17, 1969, called for 14 stations to be premarked for 1:60,000 scale photography and 10 to be premarked for 1:20,000 scale photography. These requirements were fulfilled, the only deviation being station VIOLET 2, 1966, which was substituted for MARTELLO, 1966. It is thought, however, that due to the shape of the building known as Martello Castle and the placement of the station disk on a corner of the wall it may prove useful as control if needed. A reading of the station description and a look at the building on the photograph will shed further light on this thought.

Stations were marked with white polyethylene plastic sheeting. All panels placed of the station marks or used as substations are square. Those used for the 1:60,000 scale photography are 10 feet square; the 1:20,000's are 3 feet square. Where practical, 3 runners were used as wing panels and these are shown in their approximate relations to the center square on the Form 152, CSI card, submitted for each station. The wing panels are approximately 4.7 feet wide by 30 feet long for the 1:60,000 photography and 2 feet by 12 feet for the 1:20,000.

Paragraph 5 of the Supplemental Instructions called for premarking of previously monumented topographic stations along the north shore of Mississippi Sound and Lake Borgne from Pass Christian (Map TP-00039) southwestward to Alligator Point (Map TP-00043). This involved 47 stations. Descriptions were not available for approximately 30 percent, but all marks were searched for and reported on Form 524. ~~Twelve~~ stations were recovered and premarked. Form 152, CSI cards, are submitted for these in addition to Form 524.

These stations were premarked for 1:40,000 scale photography. All were marked by placing a 5-foot square panel over the station mark with wing panels as shown in the sketches--generally 3 runners 3.5 or 4 feet wide by 20 feet long.

It is not known exactly when the photographs were taken. We were in the process of premarking the topographic stations until Monday noon, November 17th. Station BASE 1950 (TP-00037) was marked on that date

and it is understood that the photo mission had left the area by then. Four stations were marked Friday, November 14th. They are ARCH, BANK, STAR, and CELL, and are in Maps TP-00036, 00037 and 00039.

It is respectfully suggested and urgently requested that on future projects of this nature the Chief of Photo Mission be required to contact the Photo Field Party prior to photography. This would seem to be a reasonable courtesy and prove helpful to all concerned. Targets are often placed at stations as much as a month prior to photography. These should be checked immediately before photography as they are subject to vandalism and damage by the elements.

Submitted 11/25/69

William H. Shearouse,
Chief, Photo Party 60

Photogrammetric Plot Report
Job PH-6902
Lake Borgne, La.-Miss.

April 1970

21.. Area Covered

This report covers the area of Lake Borgne. Included are nine (9) 1:20,000 sheets TP-00040, TP-00042 thru TP-00049 and three (3) 1:10,000 sheets TP-00041, TP-00178 and TP-00179.

22. Method

Six (6) strips of 1:60,000 scale photographs were bridged by analytical and four (4) strips of 1:20,000 scale photographs were bridged by analog aerotriangulation methods.

The attached sketch of the strips bridged shows the placement of triangulation used in the strip adjustments. A list of closures to control is part of this report.

Positions for all bridge points have been submitted for each strip. All pass points, control and topographic stations have been plotted on the manuscripts by the Coradi, on the Louisiana South Zone plane coordinate system.

In order to compile sheets TP-00041 and TP-000178 at 1:10,000 scale it will be necessary to locate compilation points from Strip 5, 1:60,000 scale, to the 1:40,000 scale color photographs 69-E(C)-3376 thru 3380. Color diapositives and contact printons will be sent of the above photographs. These are the only 1:40,000 scale plates needed for this job.

All topographic stations recovered and panelled by the field party that fall within the project limits have been located by the bridge.

23. Adequacy of Control

All horizontal control was premarked and was adequate to control 1:60,000 scale strips. Along with horizontal control numerous tie points were used to control the 1:20,000 strips.

25. Photography

The definition and quality of the RC-9 "M" camera panchromatic photography was poor. The photographs were very dark, especially along the edges and numerous sun spots made definition of detail rather doubtful in many instances.

The quality of the 1:20,000 scale "S" and "E" cameras color photography was good. The 1:40,000 scale "E" camera color photography that was used mainly for ratio prints appeared to be of good quality and definition.

Respectfully submitted,

Donald M. Brant

Approved and forwarded,

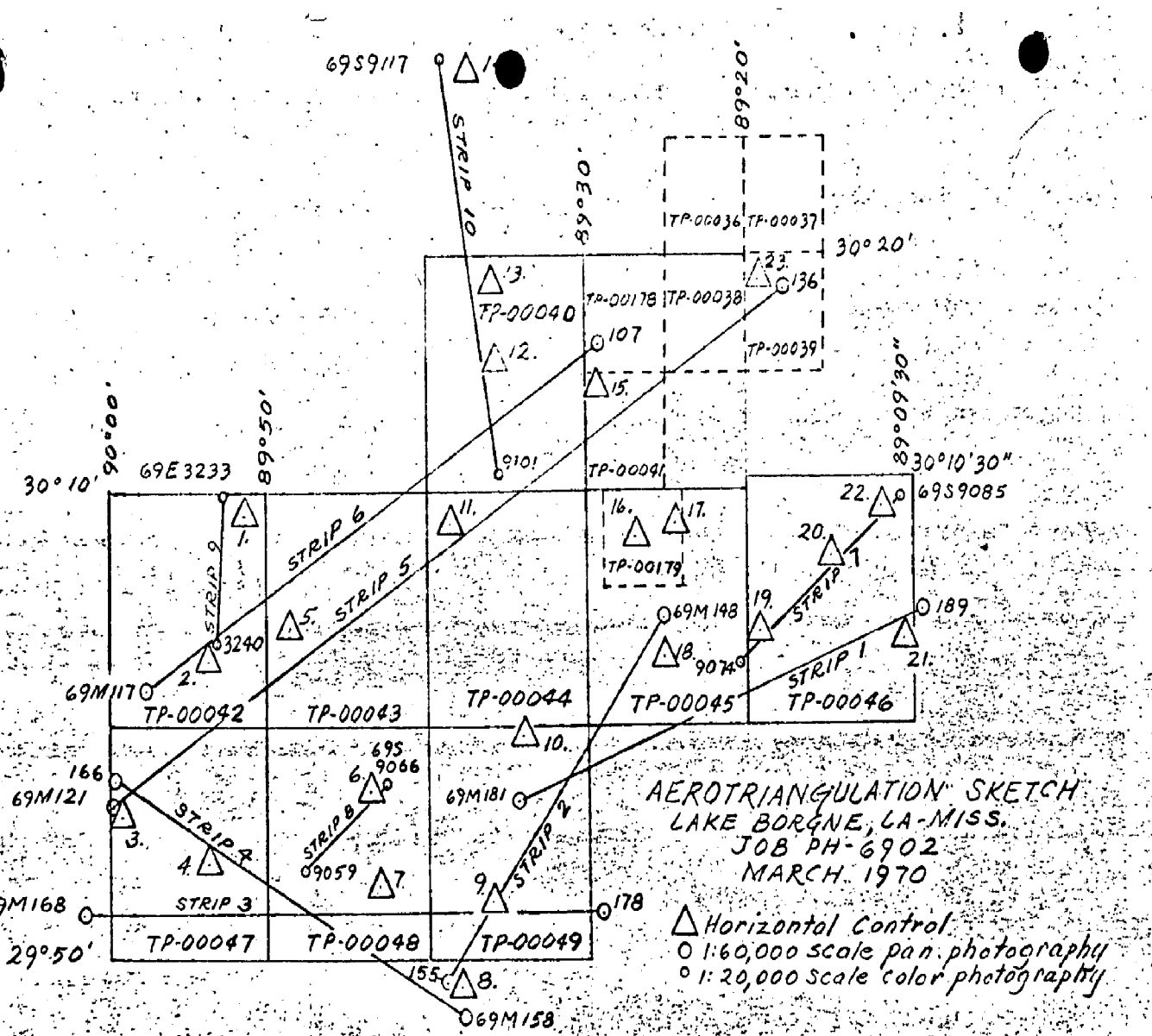
Henry P. Eichert
Chief, Aerotriangulation Section

Lake Borgne, La.-Miss.
Closures to Control (Feet)

Strip 1	x	y	
Bilox Bayou 2, 1966	+1.3	-1.4	
Blind A2, MK, 1966	-2.2	+5.4	
John 2, 1966	+1.3	+5.6	
Door Pt. 2, 1952	+1.2	+1.5	
Strip 2			
Enid, 1966	-0.2	+0.8	
Bilox Bayou 2, 1966	+1.6	-1.1	
Sub. Sta. St. Malo, 1934	-2.5	+0.7	
Hopedale 2, 1966	+1.0	-0.4	
Strip 3			
Sub. Sta. Violet 2, 1966	-3.5	+3.4	
*Yscloskey Gas Co. Mast, 1966	-6.1	+5.2	(O.I.)
*Miss. River Gulf Outlet Lt. 107, 1966	+7.8	-4.6	(O.I.)
*Miss. River Gulf Outlet Lt. 108, 1966	+6.7	-4.9	(O.I.)
Luce, 1934	+6.5	-1.0	
*Yscloskey Munic. W.T. 1966	+0.1	-3.6	(O.I.)
Sub. Sta. St. Malo, 1934	-0.5	-2.7	
Strip 4			
Hopedale 2, 1966	-0.8	-0.5	
*Yscloskey Munic. W.T. 1966	-0.5	+4.2	(O.I.)
*Lt. 107	+2.9	+2.9	(O.I.)
Luce, 1934	+0.6	+2.0	(O.I.)
*Yscloskey Gas Co. Mast, 1966	+3.5	-1.3	(O.I.)
Chalmettes, 1966	+0.2	+0.9	
Sub. Sta. Hopedale 2, 1966	-0.7	-0.8	
*Shell Beach Radio Mast	+0.1	-5.9	(O.I.)
*Lt. 108	+4.5	+1.3	(O.I.)
Sub. Sta. Violet 2, 1966	-0.2	-2.1	
*Miss. River Gulf Outlet Lt. 103, 1966	-4.6	-6.8	(O.I.)
*Miss. River Gulf Outlet Lt. 104, 1966	-2.4	-7.2	(O.I.)
Strip 5			
Chalmettes, 1966	-0.6	+0.6	
*Venetian Isle W.T. 1966	+1.3	-2.5	
*Venetian Isle Microwave Tower, 1966	+5.4	+6.0	(O.I.)
Rigg, 1934	-0.2	+0.4	
*Tenn. Gas Pipeline Co. Radio Mast; 1959	-0.6	+4.8	
Sub. Sta. Tenn. Gas Pipeline Co. Radio Mast, 1959	-0.7	+0.9	
Sub. Sta. Folger, 1966	-0.4	-0.3	
Sub. Sta. Venetian Isle W.T. 1966	+0.9	-0.7	

	x	y	
Sub. Sta. West, 1954	+0.3	-0.6	
*Bay St. Louis W.T. 1931	+1.5	-5.9	(O.I.)
*Folger RM 2, 1966	-1.8	-3.5	
Strip 6			
*Tenn. Gas Pipeline Co. Radio Mast, 1959	+1.4	+1.4	
Sub. Sta. Tenn. Gas Pipeline Co. Radio Mast, 1959	0.0	0.0	
*Venetian Isle W.T. 1966	+0.8	-5.4	
Sub. Sta. Venetian Isle W.T. 1966	+1.8	-1.9	
Rigg	+0.1	-0.3	
*Pearl RM 1, 1931	+4.2	-3.2	
Sub. Sta. Folger, 1966	+0.1	-1.8	
*Folger RM 2, 1966	-1.2	-2.6	
Strip 7			
John 2, 1966	0.0	0.0	
Grand Pass 3, 1966	0.0	0.0	
Enid, 1966	0.0	0.0	
Strip 8			
Sub. Sta. A Proctor Pt. 3, 1952	0.0	0.0	
*Sub. Sta. B Proctor Pt. 3, 1952	+3.1	-1.7	
Strip 9			
Sub. Sta. Herbes, 1931	0.0	0.0	
Strip 10			
*Pearl RM 1, 1931	+2.2	-2.1	
Log, 1958	0.0	0.0	
Sub. Sta. Aaron, 1935	0.0	0.0	

*Stations not used in the strip adjustment.
(O.I.) Office Identified natural objects.



AEROTRIANGULATION SKETCH
LAKE BORGNE, LA-MISS.
JOB PH-6902
MARCH, 1970

△ Horizontal Control
○ 1:60,000 scale pan. photography
○ 1:20,000 scale color photography

Horizontal Control

1. S.P. Herbes, 1931
2. S.P. FOLGER, 1966
3. Chalmette 3, 1966
4. S.P. Violet 2, 1966
5. S.P. Venetian Isle W.T. 1966
6. S.P. Proctor Pt. 3, 1952
7. Luce, 1934
8. S.P. Hopedale 2, 1966
9. S.P. St. Malo, 1934
10. Biloxi Bayou 2, 1966
11. Rigg, 1934
12. Pearl R.M. 1, 1931
13. Log, 1958
14. S.P. Aaron, 1935
15. S.P. Tenn. Gas Pipeline Co. Radio Mast, 1959
16. Chuck, 1966
17. Stew, 1966
18. Blind Az. Mk. 1966
19. John 2, 1966
20. Grand Pass 3, 1966
21. Door Pt. 2, 1952
22. Enid, 1966
23. S.P. West, 1954

NOAA FORM 76-41
(2-71)
USCOMM-DC
34168-P71
(FORMERLY FORM C&GS-164)

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

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- TP-00046 PROJECT NO. PH-6902 SCALE OF MAP 1:20,000 SCALE FACTOR None

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR Y COORDINATE LONGITUDE OR X COORDINATE	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 3048006 meter) FORWARD	(BACK)
	300892	NA	30°09' 36.83443"	1134.2	(713.3)
ENID, 1966	1127	1927	89°11' 36.25597"	970.2	(635.3)
	300892	NA	30°03' 48.061"	1479.9	(367.6)
DOOR POINT 2, 1952	1007	1927	89°10' 32.908"	881.4	(725.8)
GRAND PASS OYSTER BAY	300892	NA	30°07' 27.20316"	837.6	(1009.9)
LIGHT, 1934	1017	1927	89°14' 13.19297"	353.2	(1252.9)
	300892	NA1	30°07' 16.55823"	509.9	(1337.6)
GRAND PASS 3, 1966	1008	1927	89°14' 44.75511"	1198.1	(408.1)
	300892	NA	30°03' 49.88832"	1536.1	(311.4)
JOHN 2, 1966	1010	1927	89°19' 26.44729"	708.4	(898.7)
	300892	NA	30°03' 42.090"	1296.0	(551.5)
JACK, 1934	1009	1927	89°15' 52.774"	1413.6	(193.6)

COMPUTED BY	DATE	CHECKED BY	DATE
A.C. Rauck, Jr.	March 2, 1970	R. White	March 2, 1970

COMPILATION REPORT

TP-00046

PH-6902

31. DELINEATION

The part of this manuscript covered by photos 69 S(C)9075 through 9085 was compiled graphically. The "M" photos were then tied to this with the B-8 and pass points only were located, the plates being printed in reverse. Then the area covered by the "E" photos was compiled graphically and, lastly, the remaining area covered by the "M" photos was compiled graphically.

The "S" and "E" photos were of excellent definition, the "M" photos poor.

32. CONTROL

See Photogrammetric Plot Report, April, 1970.

33. SUPPLEMENTAL DATA

None.

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage was delineated from office interpretation of the photos.

35. SHORELINE AND ALONGSHORE DETAILS

The Shoreline and Alongshore details and low water lines were delineated from office interpretation of the photographs.

36. OFFSHORE DETAILS

Offshore details were referred to the field editor.

37. LANDMARKS AND AIDS

1 Form 76-40, Aids to navigation for charting, were submitted to the Rockville office, Feb., 1974, Chart Letter No. 252.

38. CONTROL FOR FUTURE SURVEYS

None.

39. JUNCTIONS

Satisfactory junction has been made with TP-00045 to the west. There are no contemporary surveys to the north, east or south.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement.

46. COMPARISON WITH EXISTING MAPS

Comparison was made with USGS quadrangles THREE MILE BAY, LA, DOOR POINT, LA. and ISLE AU PITRE, LA - MISS, all at 1:24,000 scale and dated 1955.

A marsh island 1 mile northeasterly from Isle Au Pitre, has either disappeared entirely or has been shifted beyond the limits of the photo coverage. There has also been notable shifting of the Pfiefer Keys.

47. COMPARISON WITH NAUTICAL CHARTS

Comparison was made with Chart 1268, scale 1:80,000, 11th edition, dated Feb. 17, 1969. The same differences exist as with the quadrangle.

ITEMS TO BE APPLIED TO CHARTS IMMEDIATELY

None.

ITEMS TO BE CARRIED FORWARDED

None.

Respectfully submitted:

Charles H. Bishop

for B. Wilson, Cartographic Tech.
April 10, 1970

Approved for forwarding:

Jeffrey G. Carlen, CDR, NOAA
Chief, Coastal Mapping Division, AMC

Approved:

Alfred C. Holmes, RADM, NOAA
Director, Atlantic Marine Center

Jan. 28, 1974

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6902 (Mississippi Sound, Miss.-La.)

TP-00046

Bay Boudreau
Bayou Creque
Bayou Pierre
Brush Island
Chandeleur Sound
Chevrette Bayou
Chino Bay
Creole Gap
Crooked Island
Deep Water Pass
Door Point
Door Point Bayou
Door Point Lagoon
Drum Bayou
Grand Pass
Isle au Pitre
Jack Williams Bayou
Johnson Bay
Johnson Bayou
Little Bayou Pierre
Mink Island
Mississippi Sound
Negro Point
Northwest Jack Williams Bay
Oyster Bay
Pelican Point
Pfiefer Keys
Picnic Bayou
Point Chevrette
Shell Island
Southeast Jack Williams Bay
Sundown Island
Turkey Bayou
West Karako Bay

Prepared by:

Chas. E. Harrington
Staff Geographer

NOAA FORM 75-74 (2-74)

U.S. DEPARTMENT OF COMMERCE
NOAA
NATIONAL OCEAN SURVEY

PHOTOGRAMMETRIC OFFICE REVIEW

TP-00046

1. PROJECTION AND GRIDS	2. TITLE	3. MANUSCRIPT NUMBERS	4. MANUSCRIPT SIZE
LLG	LLG	LLG	LLG

CONTROL STATIONS

5. HORIZONTAL CONTROL STATIONS OF THIRD-ORDER OR HIGHER ACCURACY	6. RECOVERABLE HORIZONTAL STATIONS OF LESS THAN THIRD-ORDER ACCURACY *(Topographic stations)*	7. PHOTO HYDRO STATIONS
Coradomat Auto Plotter	X X	X X

8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
X X	X X	Bridge by Rockville Office	LLG

ALONGSHORE AREAS *(Nautical Chart Data)*

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
LLG	LLG	LLG	X X

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
LLG	FPM X X	LLG	X X

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER	22. PLANETABLE CONTOURS
LLG	LLG	X X

23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
X X	X X	X X	LLG

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
X X	X X FPM	X X	X X

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
X X	X X

MISCELLANEOUS

33. GEOGRAPHIC NAMES	34. JUNCTIONS	35. LEGIBILITY OF THE MANUSCRIPT
LLG	LLG	LLG

36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
LLG	LLG	X X	LLG

40. REVIEWER	SUPERVISOR, REVIEW SECTION OR UNIT
Lawrence L. Graves 4/22/70	A.C. Rauck, Jr.

41. REMARKS *(See attached sheet)*

FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT

42. *Additions and corrections furnished by the field completion survey have been applied to the manuscript.* The manuscript is now complete except as noted under item 43.

COMPILER	SUPERVISOR
T.J. Bulfer 3/72 Reviewer: L.O. Neterer, Jr. 3/19/72	A.C. Rauck, Jr.

43. REMARKS

Field Edit Applied From: Field Edit ozalid and Photographs, numbers, 69S(C)9081, 69S(C)9082, and 69S(C)9084

NOAA FORM 75-74 (2-74)

SUPERSEDES C&GS FORM 1002 WHICH MAY BE USED UNTIL EXISTING STOCK IS DEPLETED.

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration

FIELD EDIT REPORT
JOB PH 6902
TP 00046

52. ADEQUACY OF COMPILATION

Compilation was adequate.

54. RECOMMENDATIONS

None.

56. LANDMARKS AND AIDS TO NAVIGATION.

One aid to navigation is to be charted on this sheet. Grand Pass Oyster Bay Light 1934 was compiled correctly. The upper part of the light was destroyed by Hurricane Camille in 1969 and rebuilt upon the same structure.

One landmark is to be charted on this sheet. Photo 69S(c)9082 shows construction in progress with the main building skecthed in roughly. In addition to the main building there is a boat house (parallel to the main bldg. and 80 ft. from its south side), and a dock (parallel to the main bldg. on the waters edge and 125 ft. long). The main bldg. is 125 ft. across the front and 82 ft. wide. The boat house is 75 long and 25 ft. wide along the waters edge.

Forms 76-40 have been submitted with this report.

57. ADDITIONAL INFORMATION

Pilings from the ruins of a pier were not compiled. All are plainly visible on photo 69S(c)9081 and the entire area of pilings is circled on the photo.

The shoreline of this sheet is marsh. High water extends into the marsh to an undeterminable limit. Low water rarely falls below the marsh line. For purposes of charting the high and low water lines are the marsh lines.

Respectfully submitted,
William J. Mottern
William J. Mottern
Survey Technician

Richard D. Olsen
LTjg/NOAA
Chief, Photo Party 61

NOAA FORM 76-40
(2-71)
PRESCRIBED BY
PHOTOGRAMMETRY INSTRUCTION NO. 64.

U.S. DEPARTMENT OF COMMERCE–NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NONFLOATING AIDS [redacted] FOR CHARTS

ORIGINATING ACTIVITY
- ☐ FIELD INSPECTION
- ☐ FIELD EDIT
- ☒ COMPILATION
- ☐ FINAL REVIEW
- ☐ QUALITY CONTROL AND REVIEW

(See reverse for responsible personnel)

☑ TO BE CHARTED
☐ TO BE DELETED

ORIGINATING LOCATION: Coastal Mapping Division, Norfolk, Va

DATE: Feb. 12, 1974

The following objects have (~~have not~~) been inspected from seaward to determine their value as landmarks:

JOB NUMBER: PH- 6902

SURVEY NUMBER: T - TP- 00046

DATUM: N.A.1927

STATE: Louisiana

POSITION

METHOD AND DATE OF LOCATION *(See instructions on reverse of this form)*

CHARTING NAME	DESCRIPTION	LATITUDE ° ′	LATITUDE ″ D.M.METERS	LONGITUDE ° ′	LONGITUDE ″ D.P.METERS	FIELD INSPECTION	COMPILATION	FIELD EDIT	CHARTS AFFECTED
LIGHT	(Grand Pass Oyster Bay Light 1934)	30 07	27.203 837.6	89 14	13.193 353.2			P.1 11/4/71 69S(c)9082	1268

23

REVIEW REPORT TP-00046

SHORELINE

MARCH 12, 1974

61. GENERAL STATEMENT:

See Summary on page six (6) of this Descriptive Report.

An ozalid comparison print showing differences noted in Par 62, 64 and 65, is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with Maps T-9655, T-9658 and T-9659, all 1:20,000 scale and all dated 1955. Significant differences were shown on the comparison print in blue.

In general, the shoreline has retained its shape, but considerable erosion is evident, especially in the more exposed areas, An island at Lat. 30°10.1', Long,, 89°10' mapped on T-9655 and also charted on Chart 1268 is no longer in existence. This fact was reported by the field editor. The hydrographer's least depth at this position is 6 feet at MLW.

TP-00046 supersedes previous registered topographic surveys for nautical chart construction purposes.

63. COMPARISON WITH MAPS OF OTHER AGENCIES:

A comparison was made with the following USGS quadrangles, 1:24,000 scale and all dated 1955: THREE MILE BAY, LA, DOOR POINT, LA, and ISLE AU PITRE, MISS - LA. These maps were copied from T-9658, T-9659, and T-9655, respectively. Therefore, differences between them and TP-00046 are the same as noted in Par. 62 above.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS:

A comparison was made with the boat sheets for H-9028 &H-9200, 1:20,000 scale, dated 1971. No differences with H-9200 were noted.

Soundings encroach on the Lake Borgne shoreline between Long. 89°14' and 89°17'. The shoreline could not be moved photogrammetrically. Possibly this discrepancy will be resolved when the hydrographic smooth sheet is plotted.

65. COMPARISON WITH NAUTICAL CHARTS:

A comparison was made with Chart 1269, 1:80,000 scale, 15th edition, dated Dec. 30, 1972. Significant differences were noted in red on the comparison print.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS:

This map complies with Project Instructions and meets the requirements for the National Standards of Map Accuracy.

Reviewed by:

Charles H. Bishop

Charles H. Bishop
Cartographer

Approved for forwarding:

Jeffrey C. Carlen, CDR, NOAA
Chief, Coastal Mapping Division, AMC

Approved:

Alfred C. Holmes, RADM, NOAA
Director, Atlantic Marine Center

Approved:

Chief, Photogrammetric Branch Chief, Coastal Mapping Division

89° 14'

13'

30° 10'

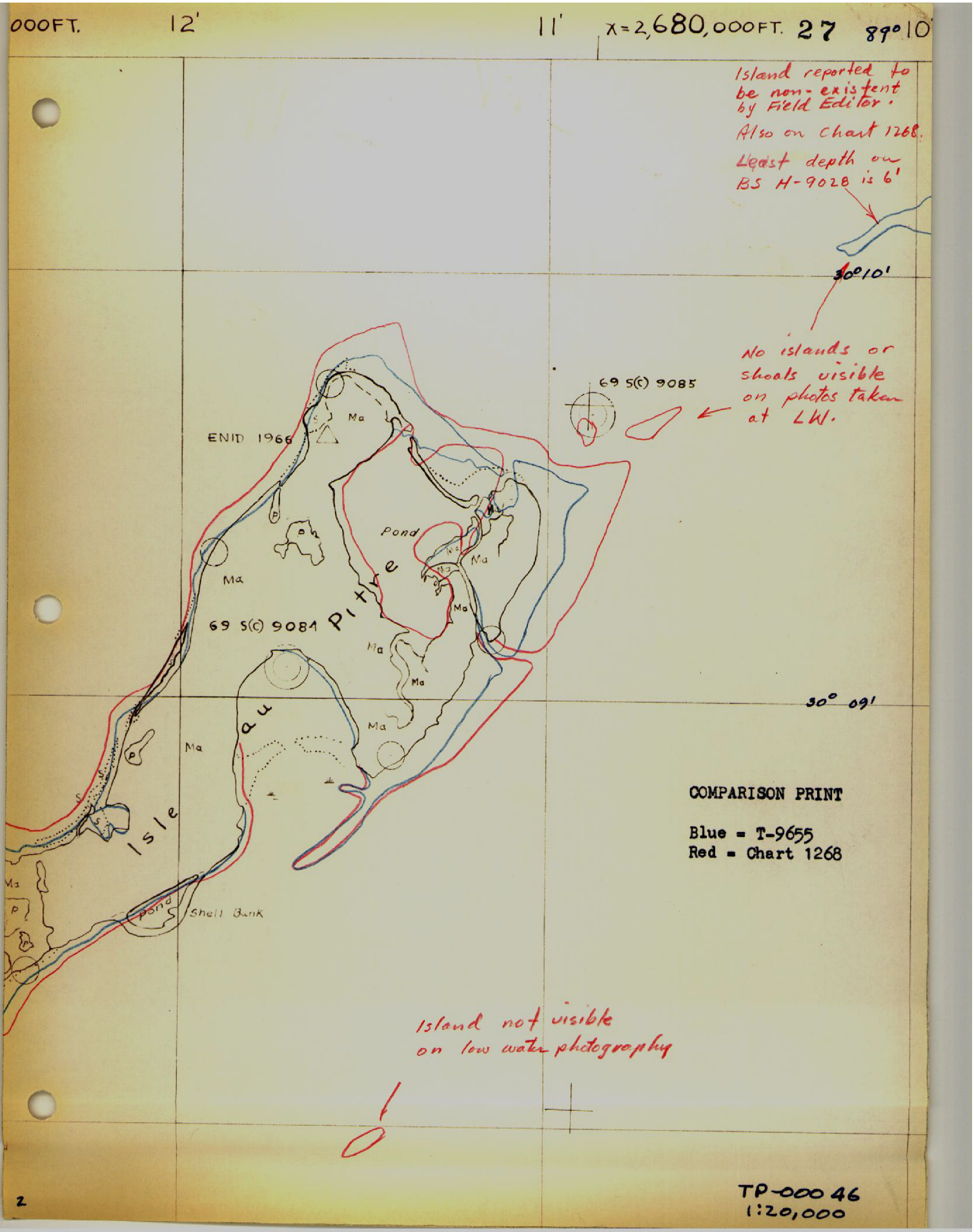
09'

COMPARISON PRINT

Blue = T-9655
Red = Chart 1268

TP-00046
1:20,000

GRAND PASS OYSTER


000FT.
12'
11'
X=2,680,000FT.
27
89°10'
Island reported to be non-existent by Field Editor.
Also on Chart 1268.
Least depth on BS H-9028 is 6'
30°10'
No islands or shoals visible on photos taken at LW.
69 S(C) 9085
ENID 1966
Ma
Pond
69 S(C) 9084
Pitre
Isle au
30° 09'
COMPARISON PRINT
Blue = T-9655
Red = Chart 1268
Shell Bank
Island not visible on low water photography
6'
2
TP-00046
1:20,000

89°19'

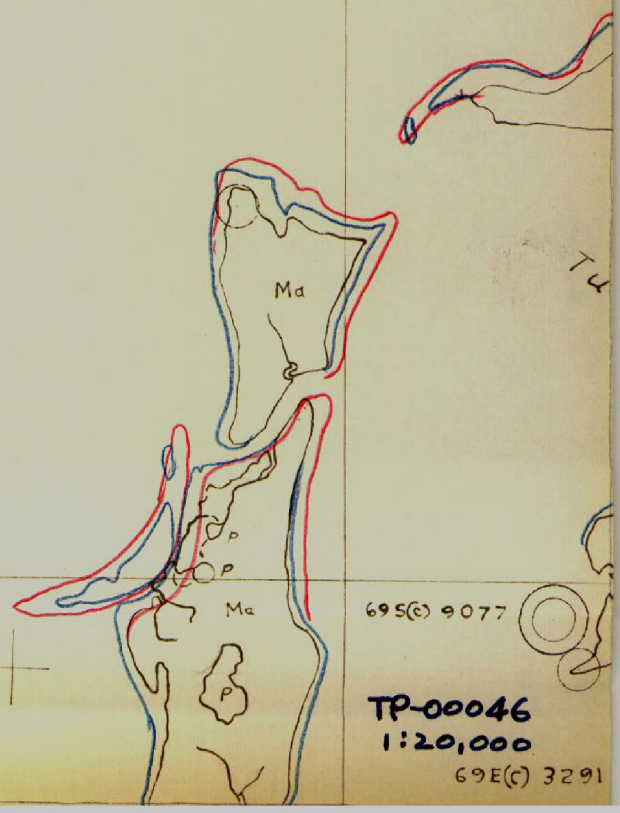
18'

30° 07'

COMPARISON PRINT

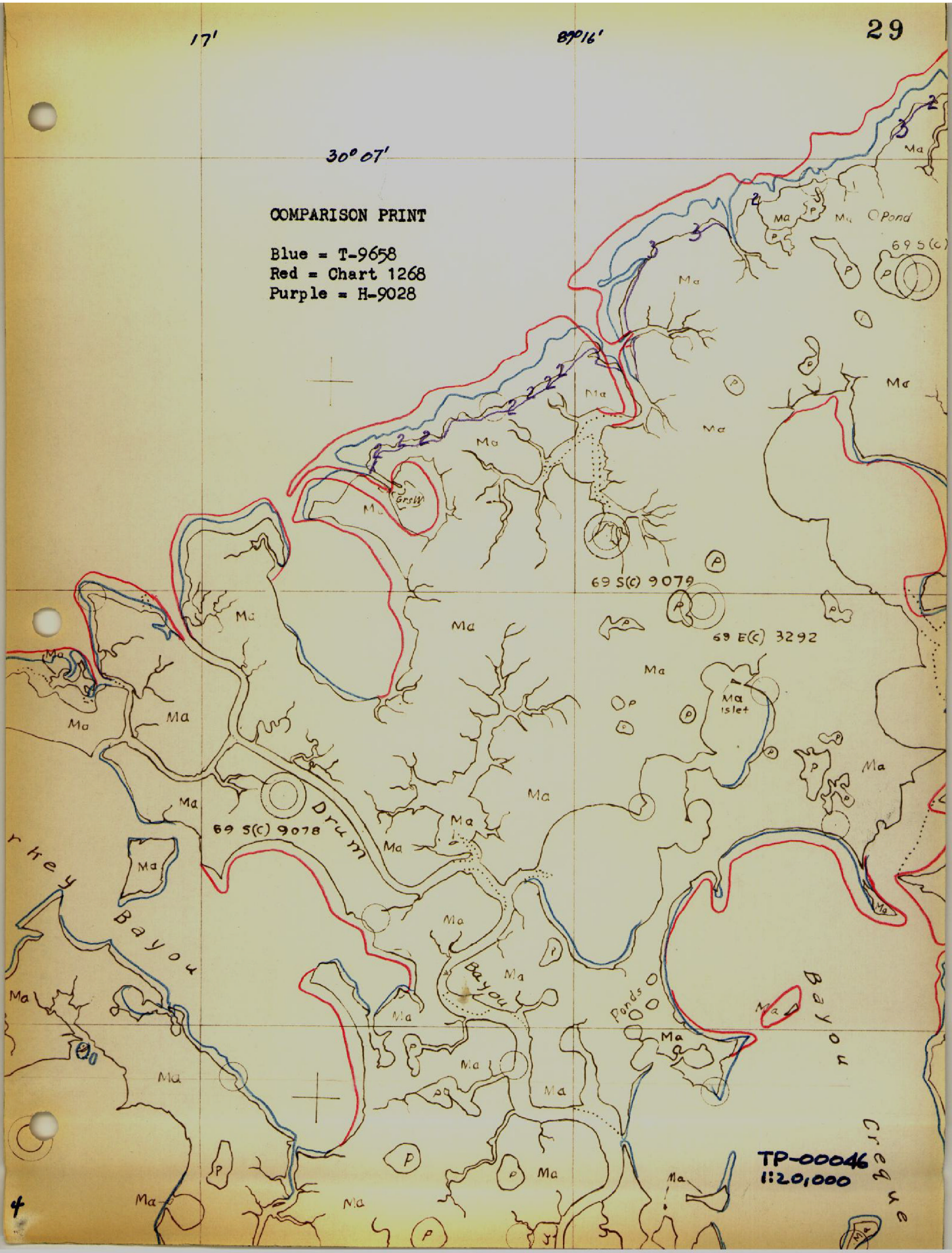
Blue = T-9658
Red = Chart 1268

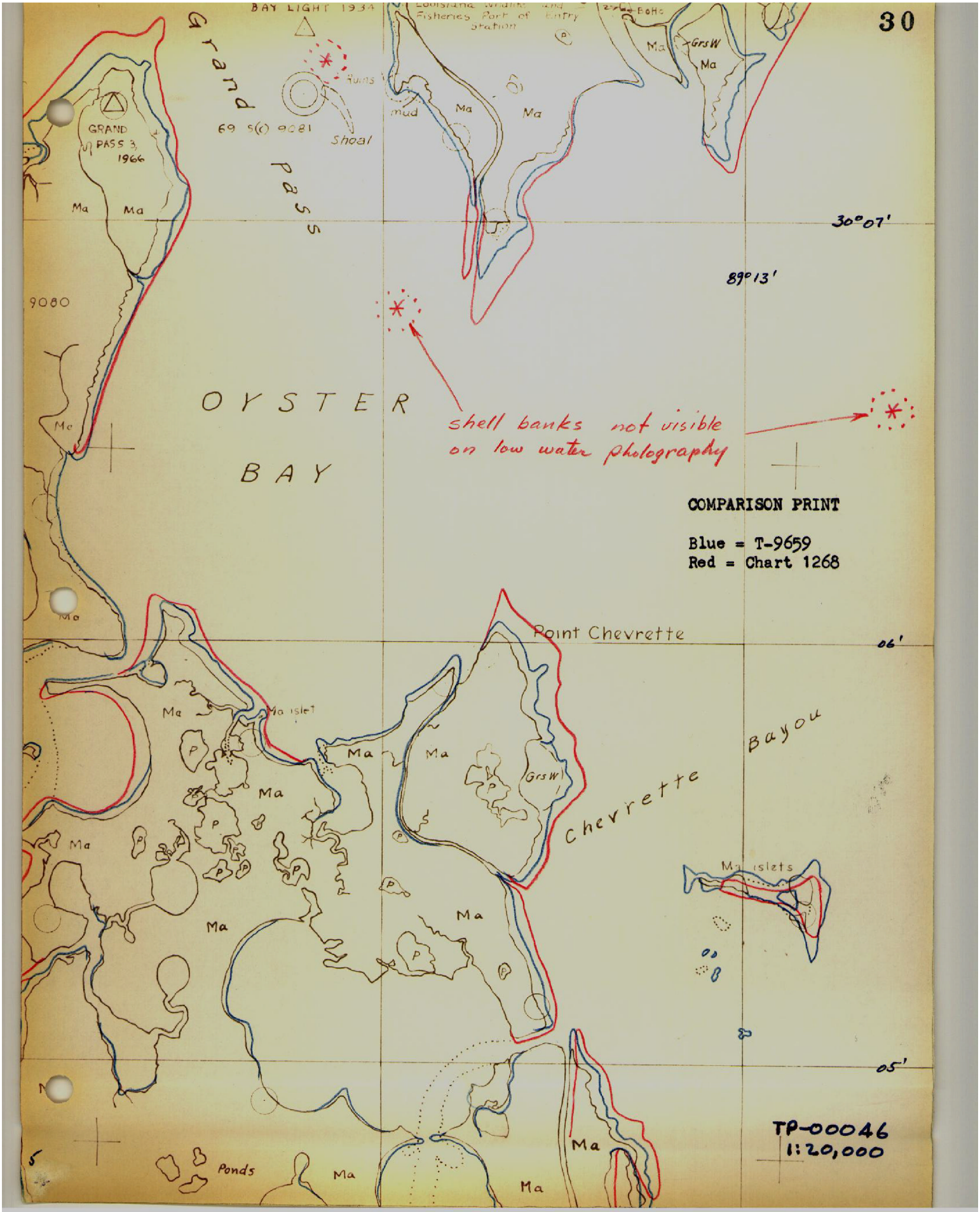
06'



695(c) 9077

TP-00046
1:20,000
69E(c) 3291


17'
89°16'
29
30° 07'
COMPARISON PRINT
Blue = T-9658
Red = Chart 1268
Purple = H-9028
69 S(C) 9079
69 E(C) 3292
69 S(C) 9078
Drum
Bayou
Ponds
Pond
Ma
Ma islet
TP-00046
1:20,000


30
BAY LIGHT 1934
Louisiana Wildlife and Fisheries Port of Entry Station
Grand pass
GRAND PASS 3 1966
69 s(c) 9081
Ruins
Shoal
mud
Ma
GrsW
BoHs
30°07'
89°13'
9080
OYSTER BAY
shell banks not visible on low water photography
COMPARISON PRINT
Blue = T-9659
Red = Chart 1268
Point Chevrette
06'
Ma islet
P
Chevrette Bayou
Ma islets
05'
Ponds
TP-00046
1:20,000

12'

89°11'

10'

07'

Sand area subject to frequent changes

Pfiefer Keys

Sundown Island

Mo

shell banks

shell banks not visible at these positions on photos

06'

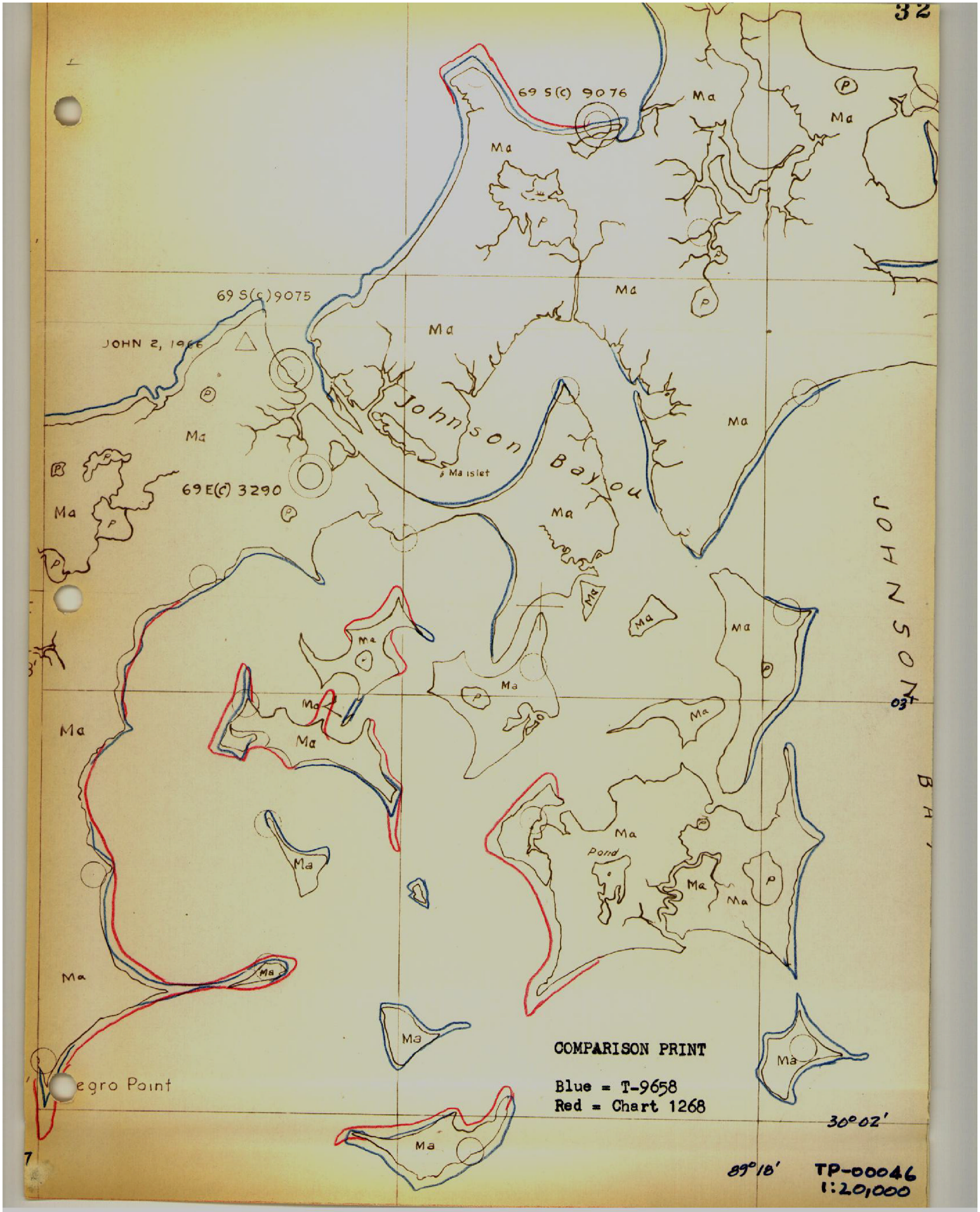
COMPARISON PRINT

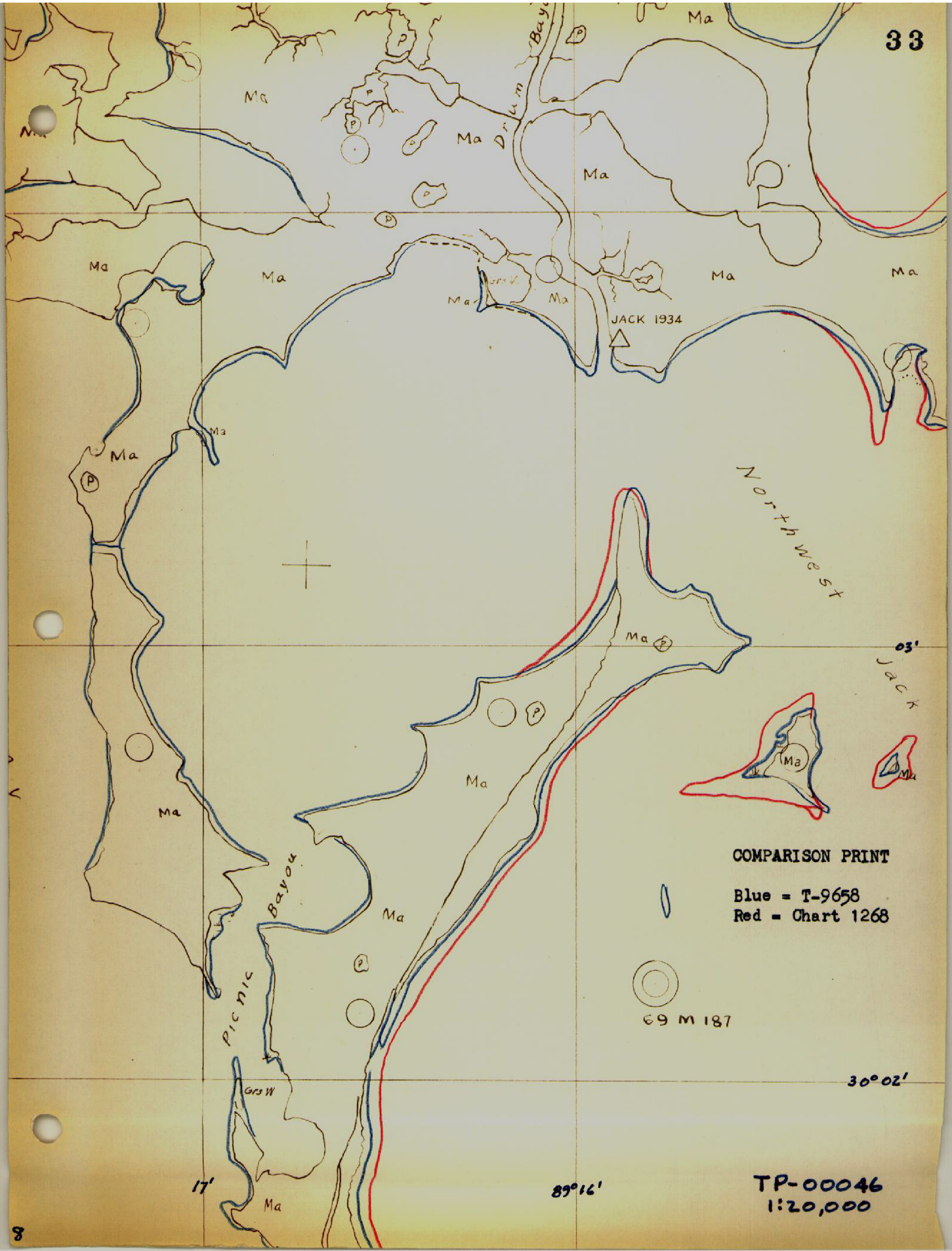
Blue = T-9659
Red = Chart 1268

NOTE:
"The photogrammetric location and delineation of features offshore from the mean high-water line on this survey may not be complete or final. The contemporary reviewed hydrographic survey of the area where available, should be consulted for the final delineation."

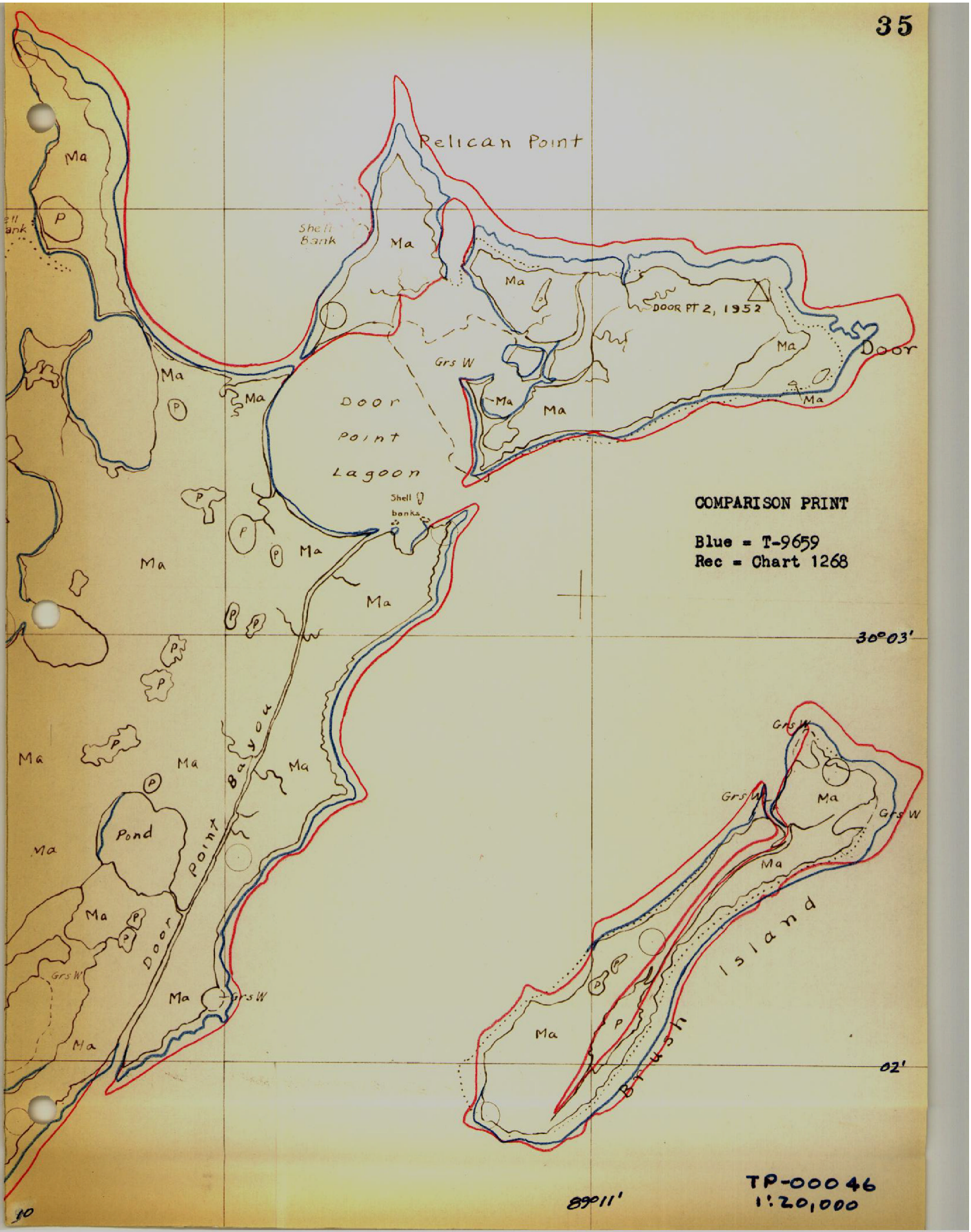
30°05'

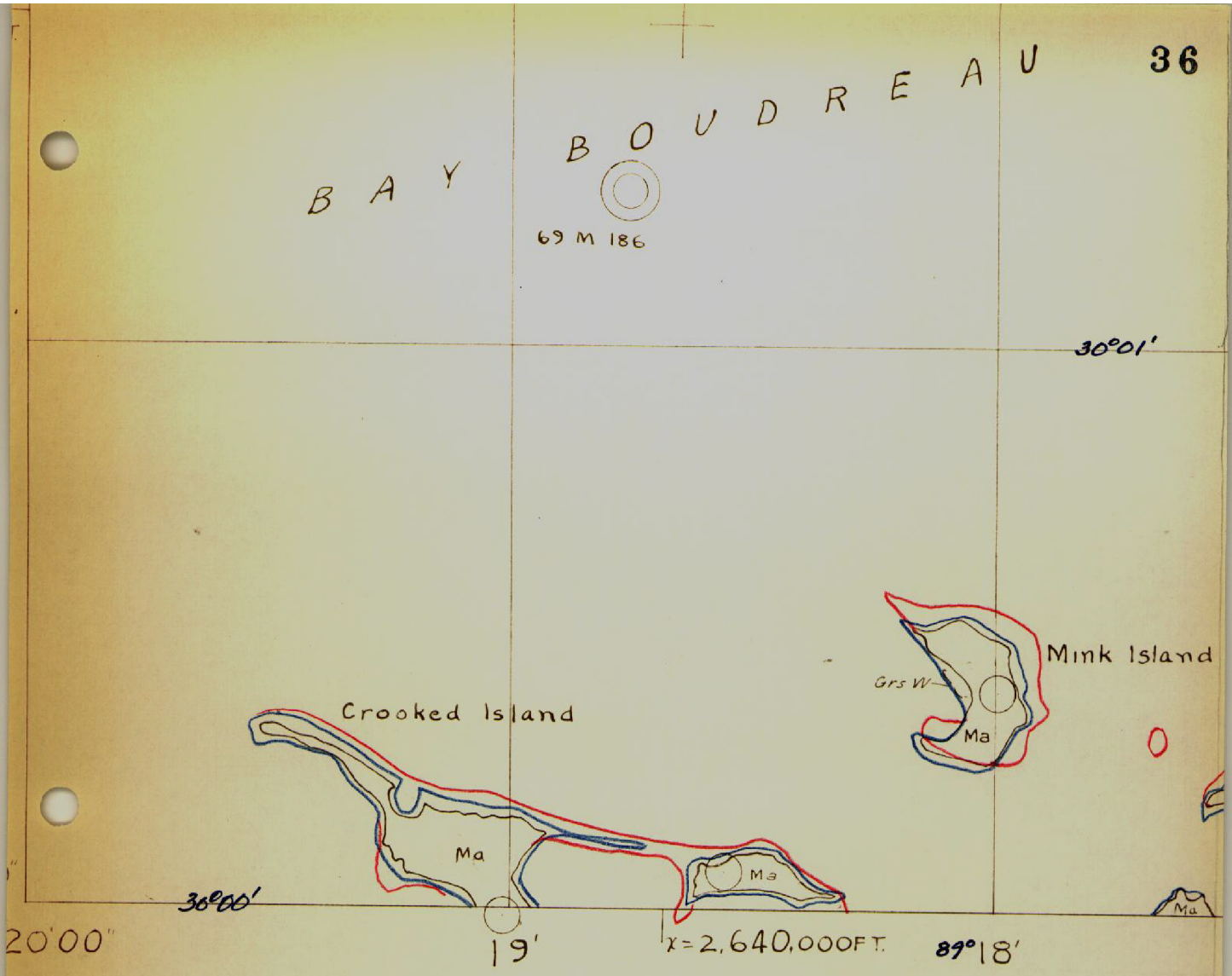
TP-00046
1:20,000


32
69 S(C) 9076
69 S(C) 9075
JOHN 2, 1966
Johnson Bayou
Ma islet
69 E(C) 3290
Ma
P
Pond
JOHNSON BAY
03'
30°02'
89°18'
COMPARISON PRINT
Blue = T-9658
Red = Chart 1268
egro Point
TP-00046
1:20,000


33
Ma
Drum Bay
JACK 1934
Northwest
Jack
COMPARISON PRINT
Blue = T-9658
Red = Chart 1268
69 M 187
Picnic Bayou
Grs W
03'
17'
30°02'
89°16'
TP-00046
1:20,000
8


89°13'
34
30°04'
Williams Br.
Jack
Southeast Jack Williams Bay
Shell
69M 188
Williams Bay
Ma
Grs W
P
COMPARISON PRINT
Blue = T-9659
Red = Chart 1268
TP-00046
1:20,000

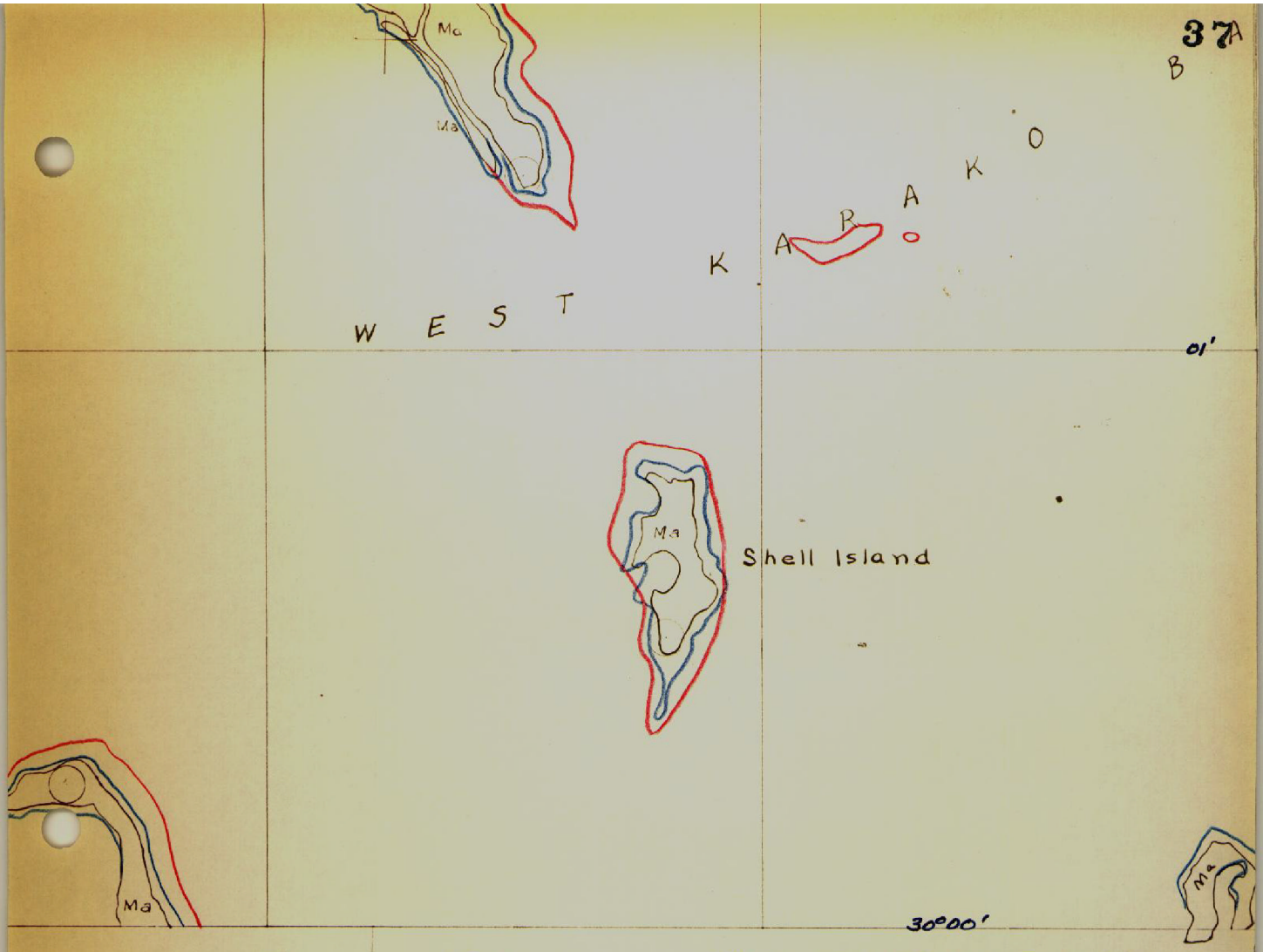

Pelican Point
Shell Bank
Ma
P
Door Point Lagoon
Grs W
DOOR PT 2, 1952
Door
Shell banks
COMPARISON PRINT
Blue = T-9659
Rec = Chart 1268
30°03'
Pond
Door Point
Bayou
Brush Island
02'
89°11'
TP-00046
1:20,000



COMPARISON PRINT

Blue = T-9658
Red = Chart 1268

TP-00046
1:20,000



17' x=2,650,000FT. 89°16' NO CONTEMPORARY SURVEY 15

NOTE Unlabeled circles are photogrammetric plot points, not map features

COMPARISON PRINT

Blue = T-9658
Red = Chart 1268

TP-00046
1:20,000

LEGEND

Grass in water

△ Recoverable horizontal control station of third
○ Recoverable horizontal control station of less t
Approximate mean lower low water line
Open areas are cleared or cultivated
The light shoreline defines the outer limits of
approximate mean high water.
The heavy shoreline defines the approximate r
Compiled by photogrammetric methods, from

Date of Photography	Nov. 1969
Date of Field Inspection	None
Date of Field Edit	Nov. 1971
Date of Final Compilation	March 1972
Date of Final Review	March 1974

13

COMPARISON PRINT

Blue = T-9659
Red = Chart 1268

TP-00046
1:20,000