ORIGINAL

12620

12620

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey SHORELINE (Photogrammetric)

Field No. ..... *Office No.* T-12620

LOCALITY

State SOUTH CAROLINA - GEORGIA

General locality CHARLESTON, S. C. TO SAVANNAH, GA.

Locality FORT PULASKI

19 64-65

CHIEF OF PARTY

Joseph K. Wilson, Chief, Photo Party 6420

Allen L. Powell, Director, A. M. C.

LIBRARY & ARCHIVES

DATE .....

USCOMM-DC 5087

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

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

DESCRIPTIVE REPORT - DATA RECORD

T - 12620

PROJECT NO. (II):
21420 (Job PH-6407)

FIELD OFFICE (II):
Beaufort, South Carolina

CHIEF OF PARTY
J. K. Wilson

PHOTOGRAMMETRIC OFFICE (III):
Atlantic Marine Center

OFFICER-IN-CHARGE
Allen L. Powell
Director, A. M. C.

INSTRUCTIONS DATED (II) (III):
23 April, 1964 Field
28 Sept., 1964 Office
22 Dec., 1964 Office Amendment No. 1

METHOD OF COMPILATION (III):
Kelsh Plotter

MANUSCRIPT SCALE (III):
1:20,000

STEREOSCOPIC PLOTTING INSTRUMENT SCALE (III):
1:6,000 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):

GEOGRAPHIC DATUM (III):
N. A. 1927

VERTICAL DATUM (III): MHW
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 or mean lower low water

REFERENCE STATION (III):
VENUS 2 (USE) 1932 ✓

LAT.:
32°03'43."958(1354.0m) ✓

LONG.:
80°56'39."554(1037.5m) ✓

[X] ADJUSTED
[ ] UNADJUSTED

PLANE COORDINATES (IV):
y = 83,275.34 ft. ✓ x = 2,017,251.38 ft. ✓

STATE
South Carolina

ZONE
South

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.

USCOMM-DC 36393A-P66

FORM C&GS-181b
(12-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT - DATA RECORD

FIELD INSPECTION BY (III): J.D. Shea	DATE: May-June 1964
MEAN HIGH WATER LOCATION (III) (STATE DATE AND METHOD OF LOCATION): Air Photo Compilation	May-June 1964 (Date of field inspection)
PROJECTION AND GRIDS RULED BY (IV): A. E. Roundtree	DATE Jan. 1965
PROJECTION AND GRIDS CHECKED BY (IV): P. Hawkins	DATE Jan. 1965
CONTROL PLOTTED BY (III): A. Santillan	DATE Jan. 1965
CONTROL CHECKED BY (III): B. Barge, H. Cordell	DATE Jan. 1965
RADIAL PLOT OR STEREOSCOPIC CONTROL EXTENSION BY (III): Washington Office	DATE Not dated
STEREOSCOPIC INSTRUMENT COMPILATION (III): PLANIMETRY K. G. Boyle	DATE Sept. 1965
CONTOURS Inapplicable	DATE
MANUSCRIPT DELINEATED BY (III): K. G. Boyle	DATE Dec. 1965
SCRIBING BY (III):	DATE
PHOTOGRAMMETRIC OFFICE REVIEW BY (III): B. Wilson	DATE July 1966
REMARKS:	

USCOMM-DC 16276B-P61

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

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

DESCRIPTIVE REPORT - DATA RECORD

CAMERA (KIND OR SOURCE) (III):

"W" Camera

PHOTOGRAPHS (III)

NUMBER	DATE	TIME	SCALE	STAGE OF TIDE
64-W-4323	March 13,1964	1009	1:30,000	4.0
64-W-4324	"	1009	"	4.0
64-W-4325	"	1010	"	4.0
64-W-4326	"	1010	"	4.0
64-W-4327	"	1011	"	4.0
64-W-4329	"	1019	"	3.6
64-W-4330	"	1019	"	3.6
64-W-4331	"	1020	"	3.6
64-W-4332	"	1020	"	3.6
64-W-4333	"	1021	"	3.6
64-W-4334	"	1021	"	3.6
64-W-4335	"	1022	"	3.6

From predicted tide tables — TIDE (III) — Ht. diff.

	RATIO OF RANGES	MEAN RANGE	SPRING RANGE
REFERENCE STATION: SAVANNAH RIVER ENTRANCE, GA.		6.9	8.1
SUBORDINATE STATION:			
SUBORDINATE STATION:			

Atlantic Marine Center — REVIEW BY (IV): C. H. Bishop — DATE: 07-28-71

PROOF EDIT BY (IV): — DATE:

NUMBER OF TRIANGULATION STATIONS SEARCHED FOR (II):	43	RECOVERED: 18	IDENTIFIED: 6
NUMBER OF BM(S) SEARCHED FOR (II):	16	RECOVERED: 12	IDENTIFIED 3

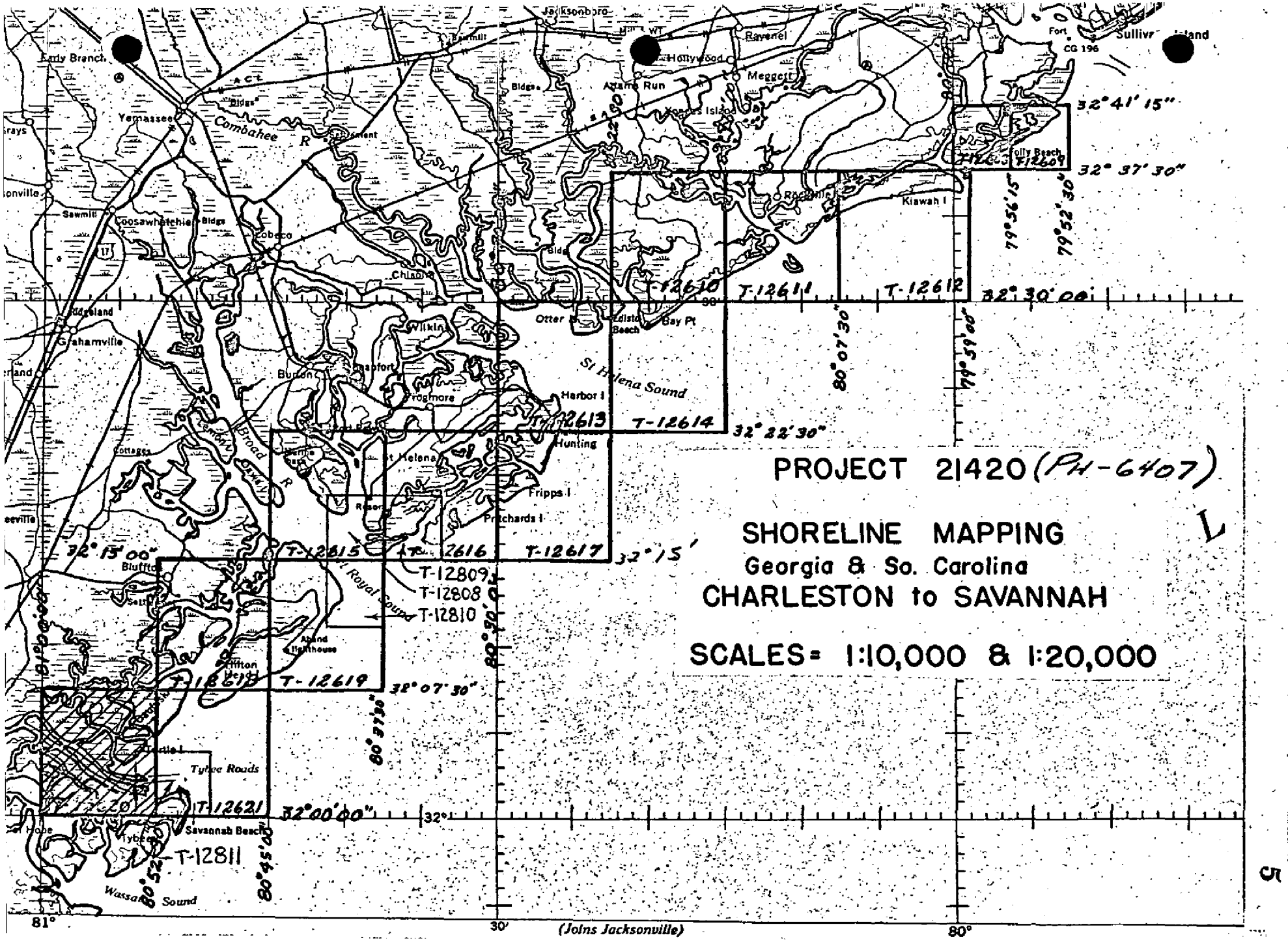
NUMBER OF RECOVERABLE PHOTO STATIONS ESTABLISHED (III): None

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

REMARKS:

One new triangulation station established, namely, TYBEE KNOLL CUT RANGE REAR LIGHT, 1964.

COMPILATION RECORD	COMPLETION DATE	REMARKS
Compilation complete subject to Field Edit	July 1966	
Final Review	July 1971	


PROJECT 21420 (PH-6407)
SHORELINE MAPPING
Georgia & So. Carolina
CHARLESTON to SAVANNAH
SCALES= 1:10,000 & 1:20,000
L
T-12610
T-12611
T-12612
T-12613
T-12614
T-12615
T-12616
T-12617
T-12618
T-12619
T-12620
T-12621
T-12809
T-12808
T-12810
T-12811
T-12609
32° 41' 15"
32° 37' 30"
32° 30' 00"
32° 22' 30"
32° 15' 00"
32° 15'
32° 07' 30"
32° 00' 00"
32°
81°
30'
80°
79° 56' 15"
79° 52' 30"
79° 59' 00"
80° 07' 30"
80° 30' 00"
80° 37' 30"
80° 45' 00"
80° 52'
(Joins Jacksonville)
Jacksonboro
Ravenel
Hollywood
Meggett
Adams Run
Yonges Island
Sullivan Island
Fort
CG 196
Folly Beach
Kiawah I
Early Branch
Yemassee
Combahee R
Sawmill
Coosawhatchie
Lobeco
Chisolm
Ridgeland
Grahamville
Wilkins
Burton
Frogmore
Otter I
Edisto Beach
Bay Pt
St Helena Sound
Harbor I
Hunting I
St Helena
Fripps I
Pritchards I
Broad R
Cottages
Bluffton
St Royal Sound
Hilton Head I
Tybee Roads
Tybee
Savannah Beach
Wassaw Sound

SUMMARY TO ACCOMPANY

DESCRIPTIVE REPORT T-12620

This shoreline manuscript, scale 1:20,000, is one of 18 maps that comprise Project PH-6407, Charleston, South Carolina, to Savannah, Georgia. The sketch on page 5 of this report shows the location of T-12620 in the project.

This is a stereo-instrument project. All of the photographs for T-12620 are 1:30,000 scale panchromatic taken with the "W" camera on March 13, 1964. The stereo-bridge was run and adjusted to field identified control at the Rockville Science Center. Compilation was done with the Kelsh Plotter at the Atlantic Marine Center. Ratio prints at 1:20,000 scale were prepared for photo-hydro support, but hydrography was not accomplished as of July 1971.

Field work before compilation consisted of control identification and field inspection. No field edit was done. ~~in the area not included in 1:10,000 scale Map T-12011.~~

Final review was done at the Atlantic Marine Center in July 1971.

The compilation manuscript was a vinylite sheet 7 1/2 minutes in latitude by 7 1/2 minutes in longitude.

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

This report is submitted for nine Shoreline Maps since there are no great differences in terrain, natural or cultural features which would require special treatment.

2. AREAL FIELD INSPECTION

The area lies between Savannah River and Northeastward to a point just South of Edisto Beach. It includes the outside shoreline and a part of Savannah River, Port Royal Sound and St. Helena Sound. The photograph coverage is not complete for each map, therefore, in accordance with instructions from Washington, field inspection has been completed to the limits of the photographs.

The portion bordering the Atlantic Ocean consists of high sand dunes along the ocean with marsh and swamp behind.

The town of Savannah is located just West of the most Southern maps whereas the town of Beaufort is centrally located. Most of the land is owned by private interests and in many cases, special permission is required to enter the properties.

The photographs were taken in the spring of 1964. The photographic quality was good for the entire area. The tones were found to be similar to other areas along the South Atlantic Coast.

Photographs used for field inspection are listed below by individual maps:

T-12613	T-12614	T-12615	T-12616	T-12617	T-12618
64-W-4269	64-S-1202	64-W-4298 thru 4302	64-W-4279	64-W-4271	64-W-4319
4270	1203	4289 thru 4291	thru	thru	thru
64-S-1206		4307 thru 4311	4283	4273	4320

T-12619	T-12620	T-12621
64-W-4315 thru 64-W-4318	64-W-4324 thru 64-W-4327	64-W-4321 thru 64-W-4323
4286 thru 4288	4329 thru 4334	4335 thru 4337

3. HORIZONTAL CONTROL

Horizontal Control recovery and identification has been completed in accordance with Project Instructions.

The identification of horizontal control was accomplished on enlarged sections of the photographs. This was the first time our party had used the enlarged sections for this purpose. In most cases there was no difficulty and it is believed that the substitute points selected enhanced the accuracy and quality of the points. However, there was difficulty at one station (VENUS 2). The station was pricked direct as there was a small steel stand

over the mark. The substitute point could only be seen good on two of the four photographs. This point has been marked doubtful.

Horizontal control stations reported "lost", "destroyed", or "not recovered" are listed below by map:

T-12613

ASH 1919
BEK (BEACON NO 1), 1934
BUTCHERS ISLAND 1857
CENTRAL 1913
COMBAHEE BANK LIGHT 1955
EGG 4, 1933
EGG BANK PASSAGE DAYBEACON A11, 1955
EGG BANK PASSAGE DAYBEACON A9, 1955
EGG BANK PASSAGE DAYBEACON A7; 1955
EGG BANK PASSAGE DAYBEACON A5, 1955
EGG BANK PASSAGE DAYBEACON A4, 1955
GREEN BEACON 1933
GUS (BEACON NO 2) 1934
HARBOR RIVER DAYBEACON A14, 1955
HUTCHINSON 2, 1933
PALMETTO 1933
PELICAN BANK DAYBEACON A2, 1955
PELICAN BANK DAYBEACON A1, 1955
RED BEACON 1933
SOUND 1933
WHARF 1933

T-12614

ED 1921

T-12615

ARCH 1921
ARCHE CREEK BEACON 1933
BASE 1 (USE) 1931
BEAUFORT RIVER LIGHT 17, 1955
BEAUFORT RIVER LIGHT 13A, 1955
BUG 1933
BROOKLYN 1859
CHOW 1933
FORT FREMONT OBSERVATION TOWER 1931
DOS 1931
FORT FREMONT BEACON 1931
NORTH 1931
PARRIS ISLAND WATER TANK (WHITE WITH BLACK TOP)1932
PARRIS ISLAND, LOW WHITE STACK 1932
PARRIS ISLAND SILVER WATER TANK 1932
PARRIS ISLAND MARINE CORPS RECRUIT DEPOT AIR STRIP BEACON 1955
PARRIS ISLAND HIGH BRICK STACK 1932
PARRIS ISLAND STACK (HIGHEST OF TWINS) 1932

PARRIS ISLAND MARINE CORPS, RECRUIT DEPOT, AIR CONTROL TOWER 1955
PARRIS (USE) 1931
PORT ROYAL SOUND LIGHT NO 1, 1955
SKULL CREEK DAYBEACON 4, 1955
SKULL CREEK ENTRANCE LIGHT 3, 1955
SKULL CREEK DAYBEACON 5, 1955
SPIT 1933
TRIANGULAR BEACON 1931

T-12616

BULL 1933
MID 1931
TIDE 1933

T-12617

STORY RIVER DAYBEACON A16, 1955
TEMPORARY 1955

T-12618

BACK 1931
BULLPOINT FRONT RANGE 1931
BUCK 2, 1931
FRON 1931
MAG 1931
MARSH 2, 1931
MARTIN 1933
NO 9 (USE) 1931
OCHO 1921
SIETE 1931
SOUTH 1931
ULMER 1933

T-12619

HILTON FRONT 1931
STONEY PLANTATION, BAPTIST CHURCH 1931
TON 1931
TON 2, 1955
WAL 3, 1955

T-12620

BARNWELL PLACE LIGHT (OGLETHORPE REAR RANGE LIGHT) 1913
BLOODY 1932
BUSH (USE) 1932
ELBA ISLAND FLATS, LIGHT NO 11, 1932
FIELDS CUT NO 1 (USE) 1932
LOWER FLATS REAR RANGE LIGHT 1932
LAZAGETTO CREEK HIGHWAY BRIDGE CENTER OF SWING SPAN 1932
LONG ISLAND CROSSING FRONT RANGE LIGHT 1933

LONG ISLAND CROSSING REAR RANGE LIGHT 1933
NEW CHANNEL REAR RANGE LIGHT 1932
NORTH CORNER OF OLD TOWER 1932
PERRY (USE) 1934
PALMETTO 1933
QUARANTINE TANK FINIAL 1932
QUARANTINE (USE) 1932
TOPO 1934
TYBEE KNOLL CUT FRONT RANGE LIGHT 1932
UPPER FLATS FRONT RANGE TARGET 1932
UPPER FLATS REAR RANGE LIGHT 1932
WALLS CUT BEACON NO 6, 1932
WALLS CUT BEACON NO 8, 1932
WILMINGTON 1857
WILMINGTON ISLAND BLACK VENTILATOR, OGIETHORPE HOTEL 1933
WRIGHT 1932

T-12621

BRAD 1931
DO 1916
FORT SCREVEN WATER TANK 1932
SAVANNAH BEACH, CASINO SOUTH COPOLA 1913
SAVANNAH BEACH, CASINO NORTH COPOLA, 1913
TYBRISA TANK 1932

4. VERTICAL CONTROL

A search was made for all tidal bench marks within the limits of these maps. Form 685A was submitted for each mark. One mark in each group was identified on the photograph, except in a few cases where there was no coverage.

5. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage is almost entirely composed of tidal streams. Normal drainage is generally by direct run-off into marsh, swamp or the tidal streams.

6. WOODLAND COVER

Woodland Cover was classified in accordance with the Topographic Manual.

7. SHORELINE AND ALONGSHORE FEATURES

The high-water line has been indicated on the photographs by symbol in accordance with current instructions. No attempt was made to delineate the low-water line.

The field inspector accomplished this phase by several methods; Measurements from identifiable points of detail, by visual inspection from skiff, and by walking the shoreline.

All other shoreline features are adequately covered by field inspection notes on the photographs. The photography is recent, therefore, there have been no great changes.

8. OFFSHORE FEATURES

Several piling etc. were located either by sextant fix or theodolite cuts during this survey.

The obstruction reported at Lat. 32-01 - Long. 80-50 chart 1240, could not be seen at low-water.

Your attention is invited to the restricted area in Broad River, near Archers Creek. It is believed that the restricted area should be enlarged on the charts since most of this portion of the river is under fire by the marine guns.

9. LANDMARKS AND AIDS

All Nautical Landmarks have been investigated in the field and are reported on form 567.

All fixed Aids to Navigation were investigated and are reported on form 567. Third-order positions were obtained for the following:

TYBEE KNOLL CUT RANGE REAR LIGHT, 1964
TYBEE RANGE FRONT LIGHT, 1964
JONES ISLAND RANGE FRONT LIGHT, 1964
PORT ROYAL ENTRANCE, CHANNEL FRONT RANGE LIGHT, 1964

Four private aids in the Calibogue Sound area are recommended for charting. The aids were located by several methods; Cuts from triangulation stations and photo points, by sextant fixes, or identified directly on the photograph.

10. BOUNDARIES, MONUMENTS AND LINES

There have been no boundary lines shown.

11. OTHER CONTROL

There were no topographic stations established.

12. OTHER INTERIOR FEATURES

All roads were classified in accordance with Photogrammetry Instructions number 56.

Field Inspection of buildings was done in accordance with Photogrammetry Instructions Number 54, revised September 22, 1961.

There were no bridge or cable clearances measured during this survey.

Marsh and Swamp limits have been shown on the photographs where coverage was available.

13. GEOGRAPHIC NAMES

The investigation of Geographic Names will be handled slightly different from that called for in Project Instructions. This change in procedure was recommended by Dr. A. J. Wräight, Chief, Geographic Names Branch.

A systematic and complete investigation of Geographic Names wasmade from Savannah River North and East to Latitude 32-15. The remainder of the project will be investigated for discrepancies and New Names only.

The change in procedure is due to the recent investigation of names in the project during the years 1955, 1956 and 1957.

The Geographic Names Reports will be submitted at a later date.

14. SPECIAL REPORTS AND SUPPLEMENTAL DATA

Transmitting letters for Horizontal Control Identification were mailed to Washington separately for Part 1 and Part 2 of the Project. Part 1 was mailed on 10 July 1964 and Part 2 on 7 July 1964.

Form 567 will be forwarded with this report.

17 July 1964
Submitted by:

Joseph K. Wilson
Chief, Photo Party 6420

November 1964

Aerotriangulation Report

Project No. 21420

Charleston, South Carolina to Savannah, Georgia

21. Area Covered

The bridging covers the Atlantic Coast Shoreline of an area between Charleston, South Carolina to Savannah, Georgia.

22. Method

Nine strips were bridged on the Zeiss C-5 and C-9 stereo-planigraphs to provide control for compilation of shoreline.

Strip No.	Photos
1	64S 1206 - 1227
3	64W 4269 - 4273
4	64W 4276 - 4284
5	64W 4306 - 4312
6	64W 4296 - 4302
7	64W 4290 - 4294
8	64W 4314 - 4327
9	64W 4332 - 4337
10	64W 4286 - 4290

Strip #2 consisting of photos 64S 1184 - 1203 was not bridged. However, tie points were dropped from Strip #1 to provide control for graphic compilation of the area.

All strips were 1:30,000 scale photography.

23. Adequacy of Control

Control positions were adequate for bridge adjustment. However, the northeast end of Strip #1 was run as a separate bridge due to difficulty in holding the control. Both segments had control station Hernan in common. Tie points between the two bridges were averaged.

Strip #7 was also interrupted due to a water gap and divided into two bridges, #7 and #10.

Strip #9 was ended at control station Queen because Stadium Proctor (use) would not hold. This was probably due to [illegible] error in azimuth.

The points had been drilled on the plate for strip #2 by the U.C., and the maps were compiled with Kelsh.

All other points held within accuracy requirements.

All common pass points between the strips were averaged.

24. Supplemental Data

A number of objects identified as landmarks were used as check control stations and held within accuracy requirements.

25. Photography

Photography was adequate as to coverage, overlap and definition.

26. Recommendations

Ratio prints of Strip #2, at a scale of 1:20,000, have been ordered and will be submitted separately.

Submitted by:

LTG
LF

Lawrence Fritz
John T. Gerlach

Approved by:

John D. Perrow Jr

John D. Perrow, Jr.

Aerotriangulation Report
Project No. 21420
Charleston, S.C. to Savannah, Ga.

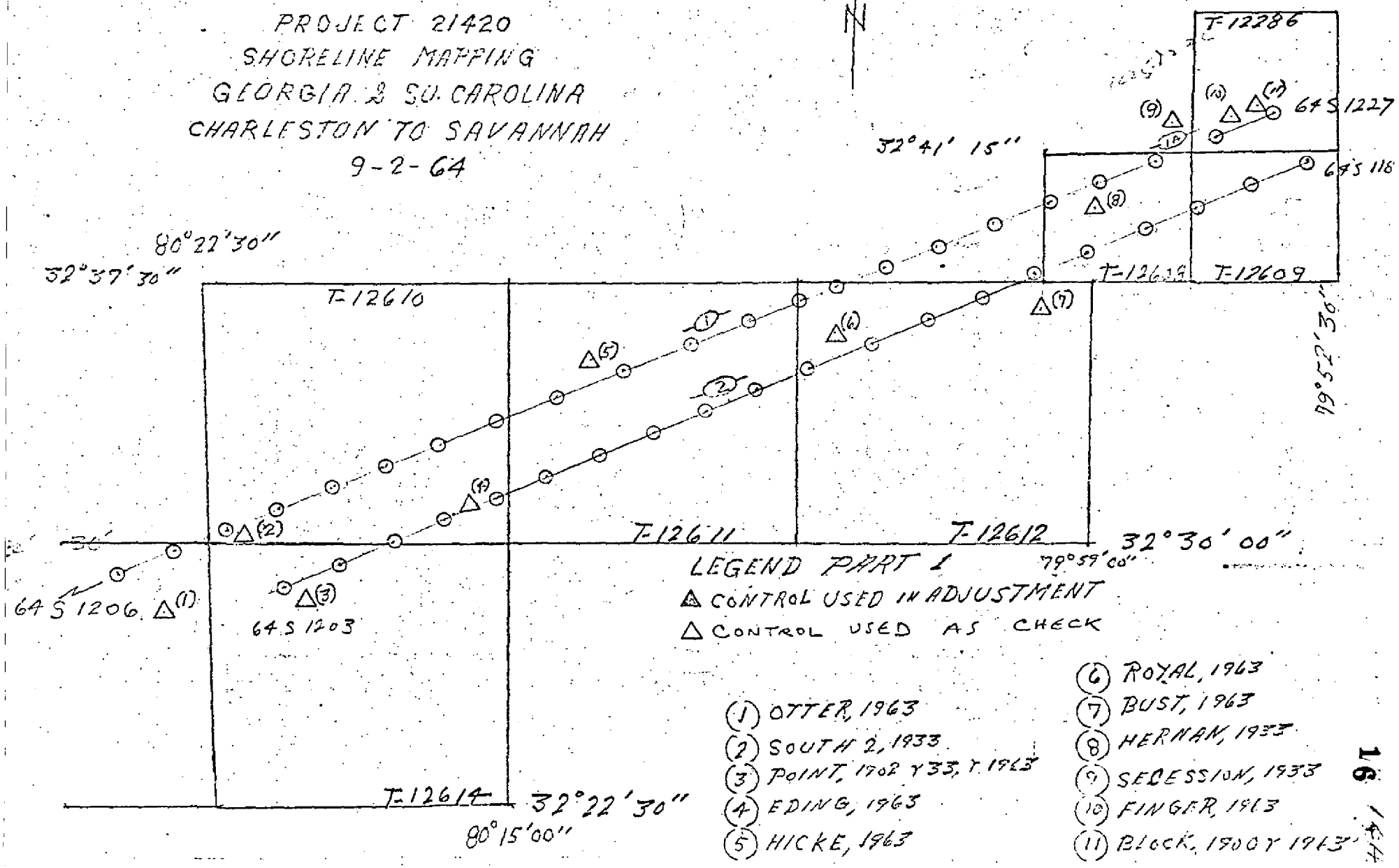
Amendment to Report of Nov. 1964

Strip 9-A, consisting of photos 64-W-4329 through 4332, was bridged using three triangulation stations as control. Station Proctor Use, 1932 (SS #1) was of very poor image quality and could not be held in the bridge. A secondary straight line adjustment was applied to the junction area of Strips 8 and 9. This junction is weak but within National Map Accuracy Standards.

Submitted by:

John D. Perrow, Jr.

AEROTRIANGULATION SKETCH
PROJECT 21420
SHORELINE MAPPING
GEORGIA & SO. CAROLINA
CHARLESTON TO SAVANNAH
9-2-64



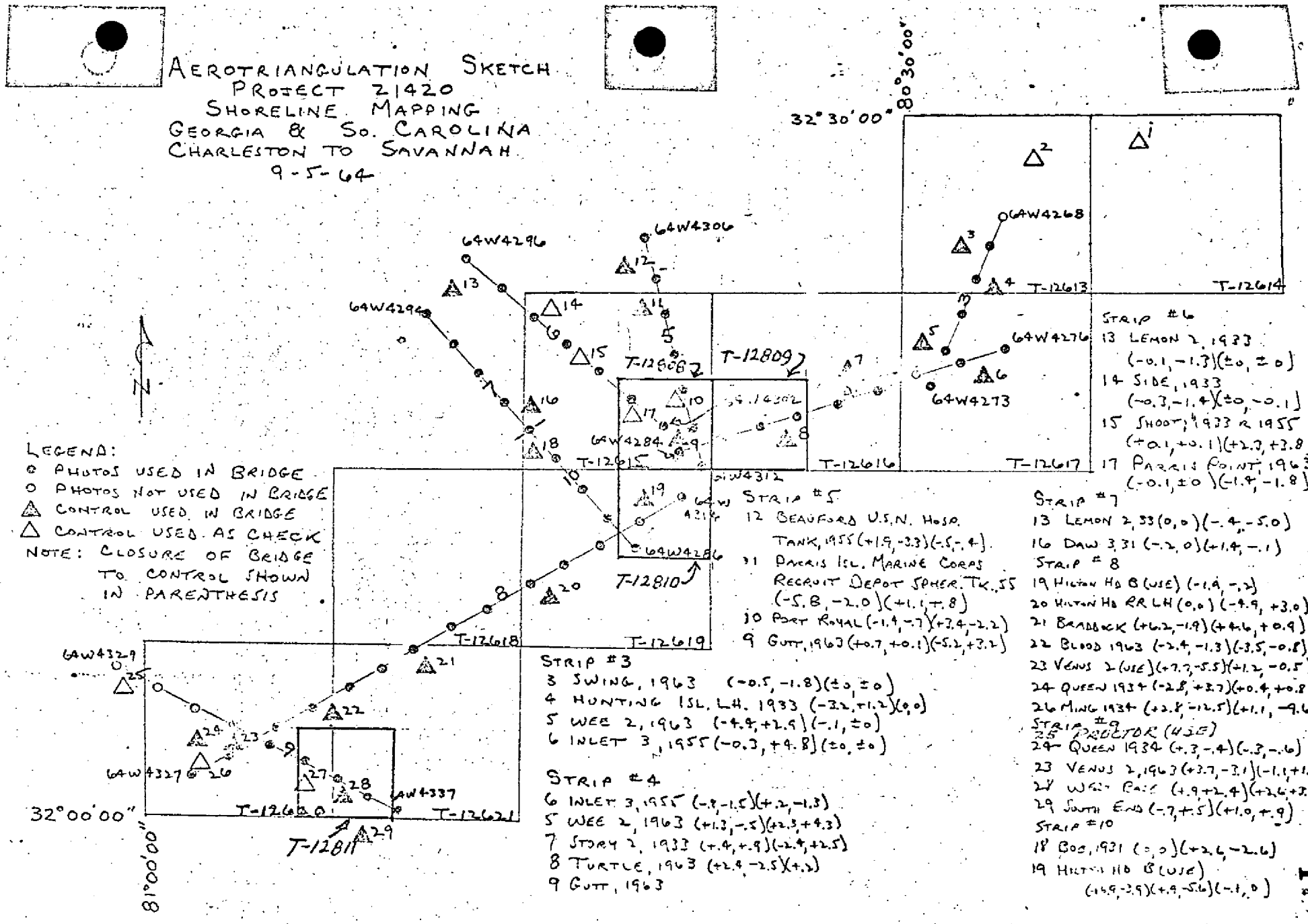
LEGEND PART 1

▲ CONTROL USED IN ADJUSTMENT

△ CONTROL USED AS CHECK

(1) OTTER, 1963
(2) SOUTH 2, 1933
(3) POINT, 1902 & 33, & 1963
(4) EDING, 1963
(5) HICKE, 1963
(6) ROYAL, 1963
(7) BUST, 1963
(8) HERNAN, 1933
(9) SECESSION, 1933
(10) FINGER, 1963
(11) BLOCK, 1900 & 1963

AEROTRIANGULATION SKETCH
PROJECT 21420
SHORELINE MAPPING
GEORGIA & SO. CAROLINA
CHARLESTON TO SAVANNAH
9-5-64



LEGEND:
- ● PHOTOS USED IN BRIDGE
- ○ PHOTOS NOT USED IN BRIDGE
- △ CONTROL USED IN BRIDGE
- △ CONTROL USED AS CHECK

NOTE: CLOSURE OF BRIDGE TO CONTROL SHOWN IN PARENTHESIS

STRIP #3
3 SWING, 1963 (-0.5, -1.8)(±0, ±0)
4 HUNTING ISL. LH. 1933 (-3.2, +1.2)(0,0)
5 WEE 2, 1963 (-4.9, +2.9)(-.1, ±0)
6 INLET 3, 1955 (-0.3, +4.8)(±0, ±0)

STRIP #4
6 INLET 3, 1955 (-.9, -1.5)(+.2, -1.3)
5 WEE 2, 1963 (+1.3, -.5)(+2.3, +4.3)
7 STORY 2, 1933 (+.4, +.9)(-2.9, +2.5)
8 TURTLE, 1963 (+2.9, -2.5)(+.2)
9 GUTT, 1963

STRIP #5
12 BEAUFORD U.S.N. HOSP. TANK, 1955 (+1.9, -3.3)(-.5, -.4)
11 PARRIS ISL. MARINE CORPS RECRUIT DEPOT SPHER. TK. 55 (-5.8, -2.0)(+1.1, +.8)
10 PORT ROYAL (-1.9, -.7)(+3.4, -2.2)
9 GUTT, 1963 (+0.7, +0.1)(-5.2, +3.2)

STRIP #6
13 LEMON 2, 1933 (-0.1, -1.3)(±0, ±0)
14 SIDE, 1933 (-0.3, -1.4)(±0, -0.1)
15 SHOOT, 1933 & 1955 (+0.1, +0.1)(+2.3, +3.8)
17 PARRIS POINT, 1963 (-0.1, ±0)(-1.9, -1.8)

STRIP #7
13 LEMON 2, 33 (0,0)(-.4, -5.0)
16 DAW 3, 31 (-.2, 0)(+1.4, -.1)

STRIP #8
19 HILTON HD B (USE) (-1.4, -.2)
20 HILTON HD RR LH (0,0) (-4.9, +3.0)
21 BRADDOCK (+6.2, -1.9)(+4.6, +0.9)
22 BLOOD 1963 (-2.4, -1.3)(-3.5, -0.8)
23 VENUS 2 (USE)(+7.7, -5.5)(+1.2, -0.5)
24 QUEEN 1934 (-2.8, +2.7)(+0.4, +0.8)
26 MING 1934 (+2.8, -12.5)(+1.1, -9.6)

STRIP #9
25 PROCTOR (USE)
24 QUEEN 1934 (+.3, -.4)(-.3, -.6)
23 VENUS 2, 1963 (+2.7, -3.1)(-1.1, +1.2)
27 WEST BASE (+.9, +2.4)(+2.6, +2.5)
29 SOUTH END (-.7, +.5)(+1.0, +.9)

STRIP #10
18 BOG, 1931 (0,0)(+2.6, -2.6)
19 HILTON HD B (USE) (+6.9, -3.9)(+.9, -5.6)(-1, 0)

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE — COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT — CONTROL RECORD

MAP T. 12620 PROJECT NO. 21420 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	DISTANCE FROM GRID OR PROJECTION LINE IN METERS (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS (BACK)
COCKSPUR LIGHTHOUSE 1902	S.C. South p.46	NA 1927	68,835.93 ✓							
			2,037,144.54 ✓							
COW 1932	" p.45	"	94,865.88 ✓							
			2,030,350.42 ✓							
FIELDS CUT NO 1 (USE) 1932	" p. 46	"	87,747.43 ✓							
			2,012,026.53 ✓							
FORT PULASKI 1963	(Unadj. field) p. 13	"	32 01 38.953 ✓							
			80 53 27.518 ✓							
FORT PULASKI FLAGPOLE 1964	Bridging data	"	70,423.72 ✓							
			2,033,827.30 ✓							
FIELDS CUT NO 7 (USE) 1932	S.C. south p. 46	"	92,388.56 ✓							
			2,020,460.86 ✓							
FUSKY (USE) 1932	" "	"	101,680.36 ✓							
			2,032,053.21 ✓							
MING 1934	G. A. p. 175	"	32 02 26.665	821.3 ✓						
			80 58 11.968	314.0 ✓						
MOODY 1932	S.C. south p. 45	"	72,211.30 ✓							
			2,020,985.19 ✓							
QUARANTINE USE 1932	" p. 19	"	75,013.12 ✓							
			2,032,572.99 ✓							
QUEEN RM2 1934	Bridging data	"	82,790.81 ✓							
			2,006,849.38 ✓							
RAM (USE) 1932	S.C. south p. 46	"	101,995.69 ✓							
			2,031,359.46 ✓							

1 FT. = .3048006 METER

COMPUTED BY: B. L. Barge — DATE: 1/28/65

CHECKED BY: B.Wilson & B. H. Barnes — DATE: 2/2/65 & 7/66

COMM-DC-578

FORM 164
(4-23-54)

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT CONTROL RECORD

MAP T- 12620 PROJECT NO. 21420 SCALE OF MAP 1:20,000 SCALE FACTOR

STATION	SOURCE OF INFORMATION (INDEX)	DATUM	LATITUDE OR y-COORDINATE / LONGITUDE OR x-COORDINATE	DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	DATUM CORRECTION	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)	FACTOR DISTANCE FROM GRID OR PROJECTION LINE IN METERS FORWARD (BACK)
ST. AUGUSTINE 2 USE 1933	GA. p. 68	N.A. 1927	32 04 54.900 80 59 56.808	1691.0 (157.1) ✓ 1489.8 (83.7) ✓			
SCRAGGLY 1932	S.C. south p. 46	"	98,461.71 ✓ 2,017,617.02 ✓				
TURTLE ISLAND DAYMARK 1964	(unadj. field) p.18	"	32 04 42.802 80 52 57.640	1318.34 (529.72) ✓ 1511.72 (61.89) ✓			
TYBEE KNOLL CUT RANGE REAR LIGHT 1964	(")	"	72,406.21 ✓ 2,028,728.28 ✓				
TYBEE RIVER HIGHWAY BRIDGE, CENTER OF SWING SPAN 1932	S.C. south p. 47	"	73,562.87 ✓ 2,012,491.13 ✓				
VENUS 2 (USE) 1932	GA. p. 39	"	32 03 43.958 80 56 39.554	1354.0 ✓ 1037.5 ✓			
WILMINGTON 1857	S.C. south p. 45	"	64,026.78 ✓ 2,014,882.10 ✓				
WRIGHT 1932	" p. 46	"	100,132.30 ✓ 2,008,813.90 ✓				
OGLETHORPE HOTEL WATER TANK 1932	GA. p. 68	"	32 00 16.057 80 59 52.364	494.6 (1353.5) ✓ 1374.5 (200.3) ✓			
BLOODY 1932	S.C. south p. 46	"	90,156.71 ✓ 2,038,158.23 ✓				

19

1 FT. = .3048006 METER

COMPUTED BY: DATE CHECKED BY: DATE

COMM-DC-57843

COMPILATION REPORT

T-12620

31. DELINEATION

The Kelsh plotter was used. Small additional areas not covered by the Kelsh models were delineated graphically.

32. CONTROL

See Aerotriangulation Report dated November 1964.

33. SUPPLEMENTAL DATA

None

34. CONTOURS AND DRAINAGE

Contours are inapplicable.

Drainage was delineated as inspected and from office interpretation of the photographs.

35. SHORELINE AND ALONGSHORE DETAILS

Marsh, foul and grass-in-water areas were delineated from office interpretation and as inspected. Shoreline inspection along the ocean front and Savannah River was adequate. However, inspection along secondary streams and rivers was sparse. Low water lines were delineated from office interpretation of the photography.

36. OFFSHORE DETAILS

No statement

37. LANDMARKS AND AIDS

Appropriate copies of four Form 567 for Landmarks and Aids to Navigation were forwarded to the Washington Office under date July 20, 1966.

38. CONTROL FOR FUTURE SURVEYS

None

39. JUNCTIONS

Junctions have been made with T-12621 to the east. There are no contemporary surveys to the north, west and south. The area south and east from 32° 03' 45", latitude and 80° 54' 00" longitude is a reduction of 1:10,000 scale map T-12811.

40. HORIZONTAL AND VERTICAL ACCURACY

No statement

46. COMPARISON WITH EXISTING MAPS

A comparison has been made with U.S.G.S. Quadrangle FORT PULASKI, S. C. - GA., scale 1:24,000, dated 1955.

47. COMPARISON WITH NAUTICAL CHARTS

A comparison has been made with Chart 440, scale 1:40,000, 30th edition, dated December 7, 1964.

ITEMS TO BE APPLIED TO NAUTICAL CHARTS IMMEDIATELY

None

ITEMS TO BE CARRIED FORWARD

None

Submitted:

Karl G. Boyle

Karl G. Boyle
Cartographic Technician

Approved:

Allen L. Powell

Allen L. Powell, RADM, NOAA
Director, Atlantic Marine Center

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-6407 (South Carolina)

T-12620

Atlantic Ocean
*Bates Creek
*Battery Point
Bird Island
Bloody Point
Carter Creek
Cockspur Island
Daufuskie Island
Elba Island
Elba Island Cut
Fields Cut
Fort Pulaski
Horseshoe Shoal
Intracoastal Waterway
Jones Island
Lazaretto Creek
Long Island
Mc Queens Island
Mungen Creek
New River
Oatland Island
Oyster Bed Island
~~Oyster Bed Shoal~~
Oyster Creek
*Penrose
*Richardson Creek
St. Augustine Creek
Savannah Beach
Savannah River
Screvens Point
South Channel
*Squaw Town Creek
Talahi Island
Turtle ~~Cut~~ Island
Tybee Island
Tybee Knoll Spit
Tybee River
Walls Cut
*Whitemarsh Island
Wilmington ~~River~~ Island
Wright River

Approved by:

A. Joseph Wraight
A. Joseph Wraight
Chief Geographer

Prepared by:

Frank W. Pickett
Frank W. Pickett
Cartographic Technicial

* Feature not in mapped area.

— Name not on Final Names Sheet, Verification Ozalid, or Navigation Chart.

CHB.

49. NOTES FOR THE HYDROGRAPHER

Other than the notes appearing on the Field Edit ozalid, there are none.

C&GS FORM 1002
(11-13-61)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

PHOTOGRAMMETRIC OFFICE REVIEW

~~T-10363~~ T-12620

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

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
BW	XX	XX

8. BENCH MARKS	9. PLOTTING OF SEXTANT FIXES	10. PHOTOGRAMMETRIC PLOT REPORT	11. DETAIL POINTS
XX	BW	Bridge (W.O.)	Kelsh

ALONGSHORE AREAS *(Nautical Chart Data)*

12. SHORELINE	13. LOW-WATER LINE	14. ROCKS, SHOALS, ETC.	15. BRIDGES
BW	BW	BW	XX

16. AIDS TO NAVIGATION	17. LANDMARKS	18. OTHER ALONGSHORE PHYSICAL FEATURES	19. OTHER ALONGSHORE CULTURAL FEATURES
BW	BW	BW	BW

PHYSICAL FEATURES

20. WATER FEATURES	21. NATURAL GROUND COVER	22. PLANETABLE CONTOURS
BW	BW	XX

23. STEREOSCOPIC INSTRUMENT CONTOURS	24. CONTOURS IN GENERAL	25. SPOT ELEVATIONS	26. OTHER PHYSICAL FEATURES
XX	XX	XX	BW

CULTURAL FEATURES

27. ROADS	28. BUILDINGS	29. RAILROADS	30. OTHER CULTURAL FEATURES
BW	BW	XX	BW

BOUNDARIES

31. BOUNDARY LINES	32. PUBLIC LAND LINES
XX	XX

MISCELLANEOUS

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

36. DISCREPANCY OVERLAY	37. DESCRIPTIVE REPORT	38. FIELD INSPECTION PHOTOGRAPHS	39. FORMS
XX	BW	BW	BW

40. REVIEWER	SUPERVISOR, REVIEW SECTION OR UNIT
BW Bernice Wilson	ACR

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
	ACR

43. REMARKS

C&GS FORM 567
(11-61)

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

ATLANTIC MARINE CENTER, June 20, 19 66

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 B. Wilson

J.Bull,Director ~~Chief of Party~~

STATE: GEORGIA - SOUTH CAROLINA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE * ° ′	POSITION LATITUDE * ″ D.M. METERS	POSITION LONGITUDE * ° ′	POSITION LONGITUDE * ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	INTRACOASTAL WATERWAY SAVANNAH RIVER												
	ST. SIMONS SOUND												
LIGHT 2	Elba Island Cut Light 2		32 04	17.53 540	80 58	21.01 551	NA 1927	Photo T-12620	6-3-64	x			440
LIGHT 4	Elba Island Cut Light 4		32 04	13.34 411	80 58	32.14 843	"	" "	"	x			440
LIGHT 8	Elba Island Cut Light 8		32 04	05.78 178	80 58	54.75 1436	"	" "	"	x			440
DAYBN. 10	Elba Island Cut Daybeacon 10		32 03	53.89 1660	80 59	28.13 738	"	Sextant "	"	x			440
DAYBN. A7	South Channel Range Front Daybeacon A7		32 04	54.58 1681	80 59	58.42 1532	"	" "	6-4-64	x			440
DAYBN. A7	South Channel Range Rear Daybeacon A7		32 04	52.01 1602	80 59	5331 1398	"	" "	"	x			440
LIGHT 41	Upper Flats Range Front Light 41		32 04	48.15 1483	80 59	13.00 341	"	Photo. "	6-3-64	x			440
LIGHT	Upper Flats Range Rear Light		32 04	28.44 876	80 59	05.64 148	"	" "	6-4-64	x			440
	INTRACOASTAL WATERWAY CHARLESTON-SAVANNAH RIVER												
	NEW RIVER												
LIGHT 40	New River Light 40		32 06	12.69 391	80 53	48.55 1273	"	" "	6-2-64	x	x		440 1240
DAYBN 41	New River Daybeacon 41		32 05	30.45 938	80 54	23.30 611	"	Sextant "	"	x	x		440 1240

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 *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

USCOMM-DC 18234-P61

C&GS FORM 567
(11-61)

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

ATLANTIC MARINE CENTER June 20, 19 66

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 B. Wilson

J.Bull, Director ~~Chief of Party~~

STATE GEORGIA - SOUTH CAROLINA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	″ D.M. METERS	POSITION LONGITUDE* ° ′	″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	INTRACOASTAL WATERWAY												
	CHARLESTON-SAVANNAH RIVER NEW RIVER												
DAYBN 43	Walls cut Daybeacon 43		32 04	53.44 1646	80 55	04.58 120	NA 1927	Sextant T-12620	6-2-64	x	x		440 1240
LIGHT 44	Walls cut Light 44		32 05	00.29 9	80 55	09.11 239	"	Photo. "	"	x	x		440 1240
DAYBN 44A	Walls cut Daybeacon 44A		32 05	13.99 431	80 55	22.96 602	"	Sextant "	"	x	x		440 1240
LIGHT 42	Walls cut Light 42		32 04	59.28 1826	80 54	50.45 1323	"	Photo. "	"	x	x		440 1240
LIGHT 45	Fields cut Light 45		32 05	18.73 577	80 55	45.19 1185	"	" "	"	x	x		440 1240
(DAYBN) 46	Fields cut Daybeacon 46		32 05	12.60 388	80 56	00.69 18	"	Sextant "	"	x	x		440 1240
	SAVANNAH RIVER LONG ISLAND CROSSING RANGE												
LIGHT	Long Island Crossing Lower Range Front Light		32 02	07.53 232	80 55	12.54 329	"	Photo "	6-3-64	x			440
LIGHT	Long Island Crossing Lower Range Rear Light		32 01	53.18 1638	80 54	57.88 1519	"	" "	"	x			440
LIGHT 36	Long Island Crossing Upper Range Front Light 36		32 04	19.840 611	80 57	27.83 730	"	" "	"	x			440
LIGHT	Long Island Crossing Upper Range Rear Light		32 04	27.56 849	80 57	35.57 933	"	" "	"	x			440

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 *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

USCOMM-DC 18284-P61

25

C&GS FORM 567
(11-61)

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

ATLANTIC MARINE CENTER June 17, 1966

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

The positions given have been checked after listing by B.Wilson

J.Bull,Director Chief of Party

STATE GEORGIA - SOUTH CAROLINA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	LATITUDE* ″ D.M. METERS	LONGITUDE* ° ′	LONGITUDE* ″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY NO.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	SAVANNAH RIVER												
LIGHT	(TYBEE KNOLL CUT RANGE REAR LIGHT 1964)		32 01	56.33 1735	80 54	26.37 692	NA 1927	TRI T-12620	6-5-64	x			440
LIGHT	Tybee Knoll Cut Range Front Light		32 01	59.20 1823	80 53	55.06 1445	"	Photo T-12620 T-12811	6-4-64	x			440
LIGHT	New Channel Range Front Light		32 02	20.65 636	80 55	42.19 1107	"	Photo T-12620	"	x			440
LIGHT	New Channel Range Rear Light		32 02	25.97 800	80 56	18.60 488	"	" "	"	x			440
LIGHT 34	Lower Flats Range Front Light 34		32 04	15.10 465	80 57	18.64 489	"	" "	6-3-64	x			440
LIGHT	Lower Flats Range Rear Light		32 04	13.60 419	80 57	08.35 219	"	" "	"	x			440
LIGHT	Oglethorpe Range Rear Light		32 05	56.13 1729	80 59	50.46 1323	"	" "	6-4-64	x			440
	SAVANNAH RIVER TURN												
LIGHT 42	Elba Island Training Wall Light 42		32 05	31.30 964	80 59	25.09 658	"	" "	"	x			440
LIGHT 37	Elba Island Light 37		32 04	22.92 706	80 58	30.84 809	"	" "	6-3-64	x			440
LIGHT 39	Elba Island Light 39		32 04	33.70 1038	80 58	56.09 1471	"	" "	"	x			440
	SAVANNAH RIVER SOUTH CHANNEL												
LIGHT 2	Lazaretto Creek Light 2		32 01	08.18 252	80 52	47.63 1250	"	Photo T-12620 T-12811	6-4-64	x	x		440 1240

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 *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

USCOMM-DC 16234-P61

C&GS FORM 567
(11-61)

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

ATLANTIC MARINE CENTER June 17, 1966

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 B. Wilson

J.Bull,Director ~~Chief of Party~~

STATE GEORGIA - SOUTH CAROLINA

CHARTING NAME	DESCRIPTION	SIGNAL NAME	POSITION LATITUDE* ° ′	″ D.M. METERS	POSITION LONGITUDE* ° ′	″ D.P. METERS	DATUM	METHOD OF LOCATION AND SURVEY No.	DATE OF LOCATION	HARBOR CHART	INSHORE CHART	OFFSHORE CHART	CHARTS AFFECTED
	SAVANNAH RIVER												
*OLD TOWER (abamd LT HO)	Round brick tower, top painted black, bottom white, ht=38(42) ft. (COCKSPUR LIGHTHOUSE 1902)		32 01	20.915 644.2	80 52	48.604 1275.5	NA 1927	TRI T-12620 T-12811	verified 4-29-64	x	x		440 1240
TANK	4-legged steel structure painted silver. ht=100(110) ft. (OGLETHORPE HOTEL, WATER TANK 1932)		32 00	16.057 494.6	80 59	52.364 1374.5	"	TRI. T-12620	" "	x	x		~~440~~ 1240
OLD TOWER	3-legged steel abandoned range light. ht=79 (79) ft.		32 04	33.90 1044	80 58	56.93 1493	"	PHOTO T-12620	6/3/64	x			440

*NOTE: This is the same LDMK reported with T-12811 with different charting name and unadjusted position

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 *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

USCOMM-DC 16284-P61

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DESCRIPTIVE REPORT T-12620

SHORELINE

July 28, 1971

61. GENERAL STATEMENT

See Summary on page 6 of this Descriptive Report.

An ozalid comparison print, pages 31 through 38, with differences noted in Items 62 through 65, is bound with the original of this report.

62. COMPARISON WITH REGISTERED TOPOGRAPHIC SURVEYS:

A comparison was made with 1:10,000 scale surveys T-6140a, T-6140b, T-6154a, T-6154b and T-6192, all dated 1934, and 1:20,000 scale survey T-6193, also dated 1934. These were planetable control sheets and shoreline is sketchy. Differences between these surveys and T-12620 are shown in blue on the comparison print.

The shoreline has not changed to a great extent except on Oyster Bed Island at the entrance to the Savannah River. This area appears to be subject to considerable change.

T-12620 supersedes previous maps for charting purposes and will be superseded by TP-000277 and TP-000278, Project PH-7101, when they are completed.

63. COMPARISON WITH MAPS OF OTHER AGENCIES

A comparison was made with U.S.G.S. Quadrangle FORT PULASKI, S.C. - GA., scale 1:24,000, dated 1955. Differences between this map and T-12620 are shown in brown on the comparison print.

The general trend of the shoreline is the same; however, large differences were noted in exposed areas at Tybee Knoll Spit, Oyster Bed Island, and the south end of Turtle Island. These changes are evident on the comparison print.

64. COMPARISON WITH CONTEMPORARY HYDROGRAPHIC SURVEYS

No contemporary surveys were available. A comparison was made with verified copies of smooth sheets for H-5549, H-5550, and H-5592. All of these maps are 1:10,000 scale and were surveyed from April to December 1934. Differences between these surveys and T-12620 are shown in purple on the comparison print.

Again, large differences were noted in shoreline at the mouth of the Savannah and Wright Rivers. They are evident on the comparison print.

65. COMPARISON WITH NAUTICAL CHARTS

A comparison was made with Chart 440, 1:40,000 scale, 35th edition, dated July 25, 1970. Larger differences between this chart and T-12620 are shown in red on the comparison print.

Large differences in shoreline were noted on the south and east sides of Turtle Island, Oyster Bed Island, and the east end of Cockspur Island.

66. ADEQUACY OF RESULTS AND FUTURE SURVEYS

This survey complies with Project Instructions, Bureau requirements, and the National Standards for Map Accuracy. No accuracy tests were run in the field.

Reviewed by:

Charles H Bishop

Charles H. Bishop
Cartographer
July 28, 1971

Approved for forwarding:

Melvin J. Umbach

Melvin J. Umbach, CDR, NOAA
Chief, Photogrammetry Division, AMC

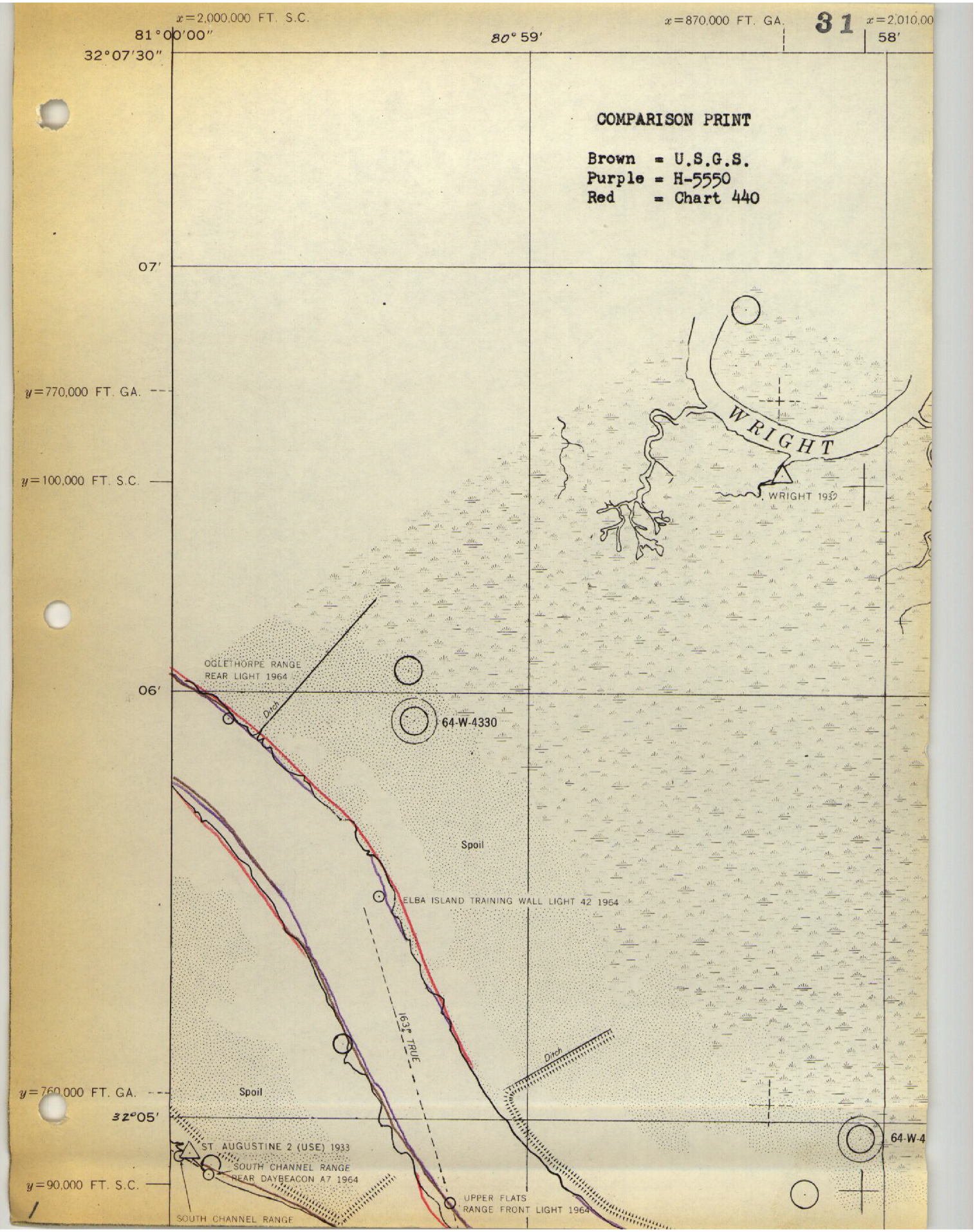
Approved:

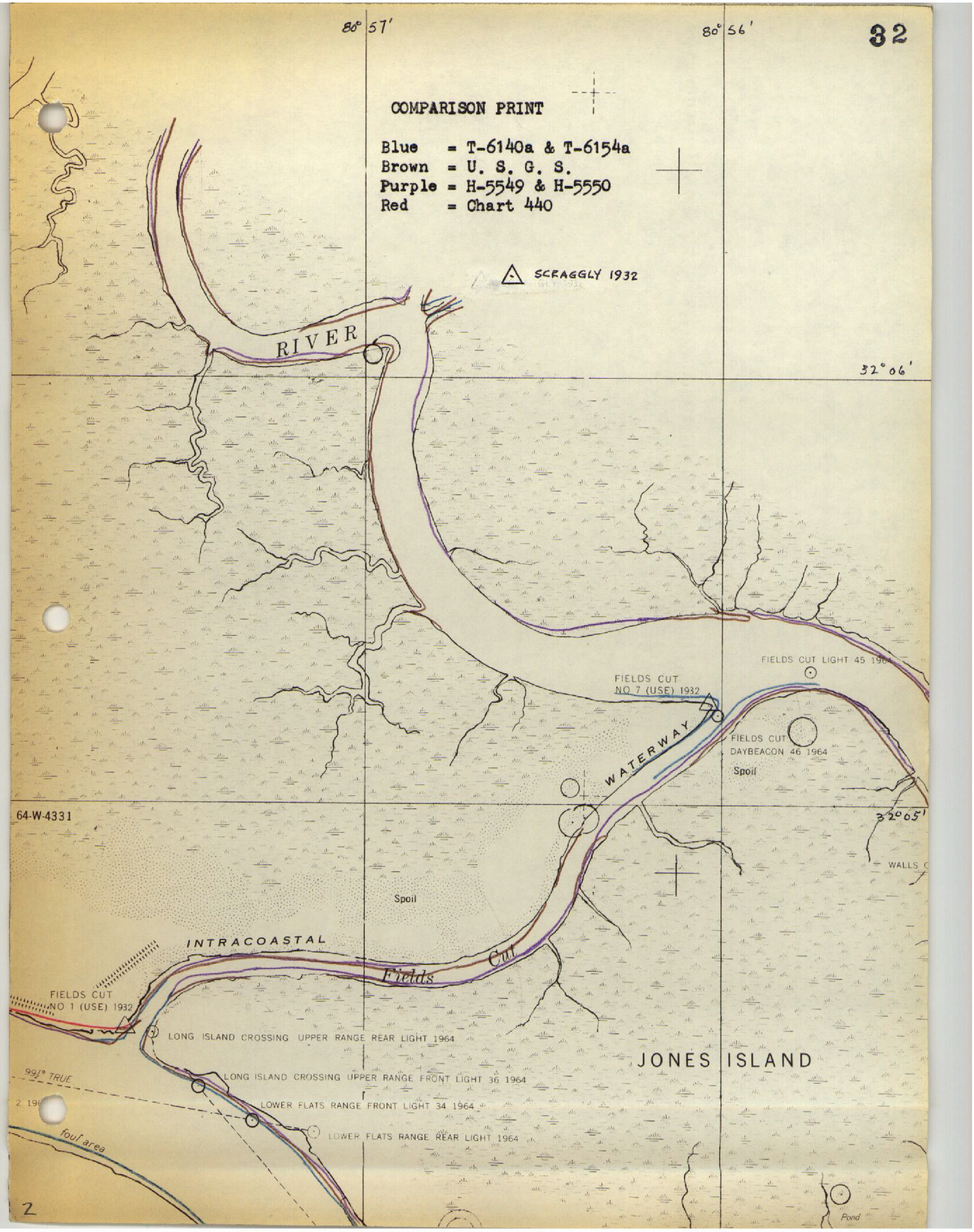
Allen L. Powell, RADM, NOAA
Director, Atlantic Marine Center

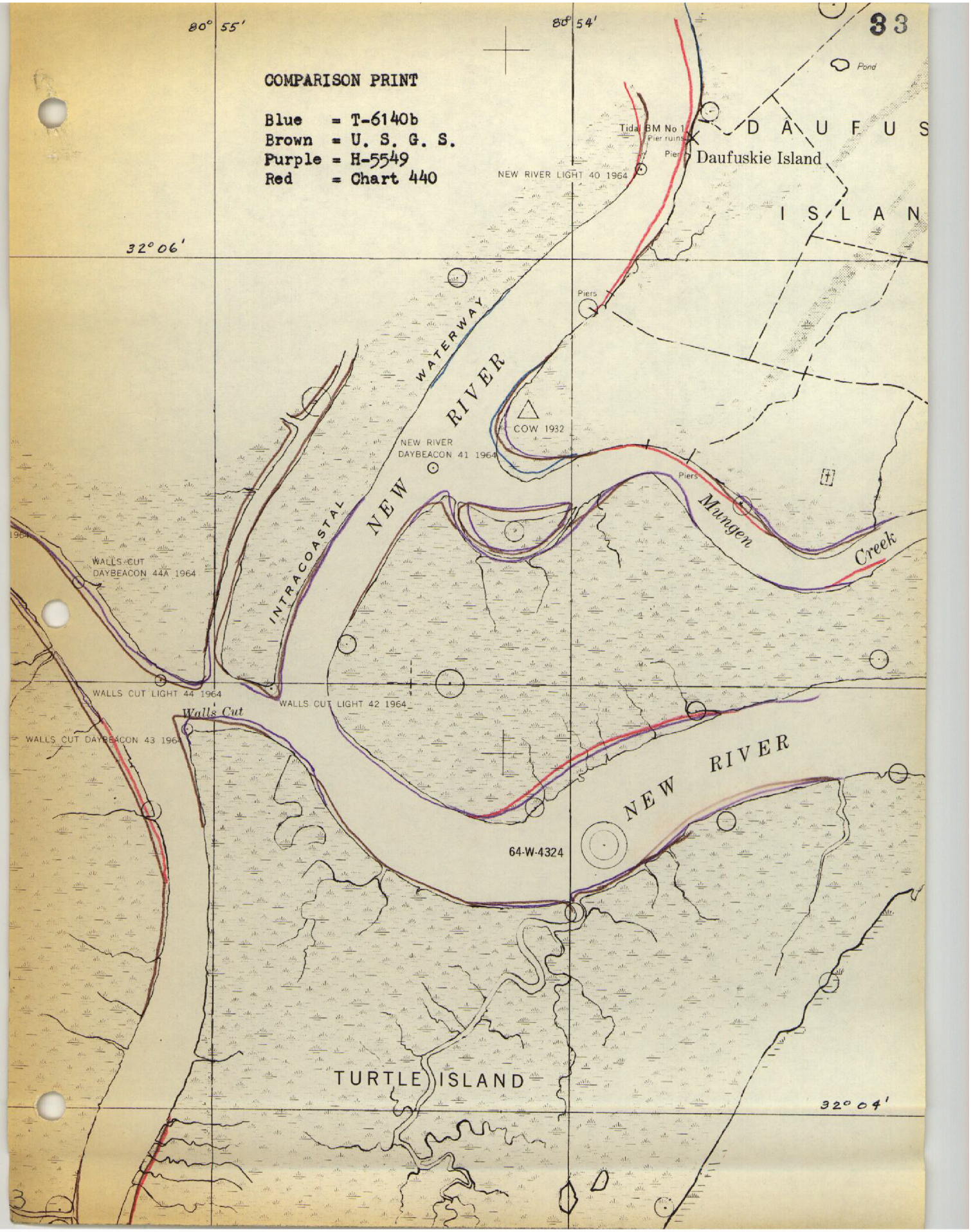
Approved:

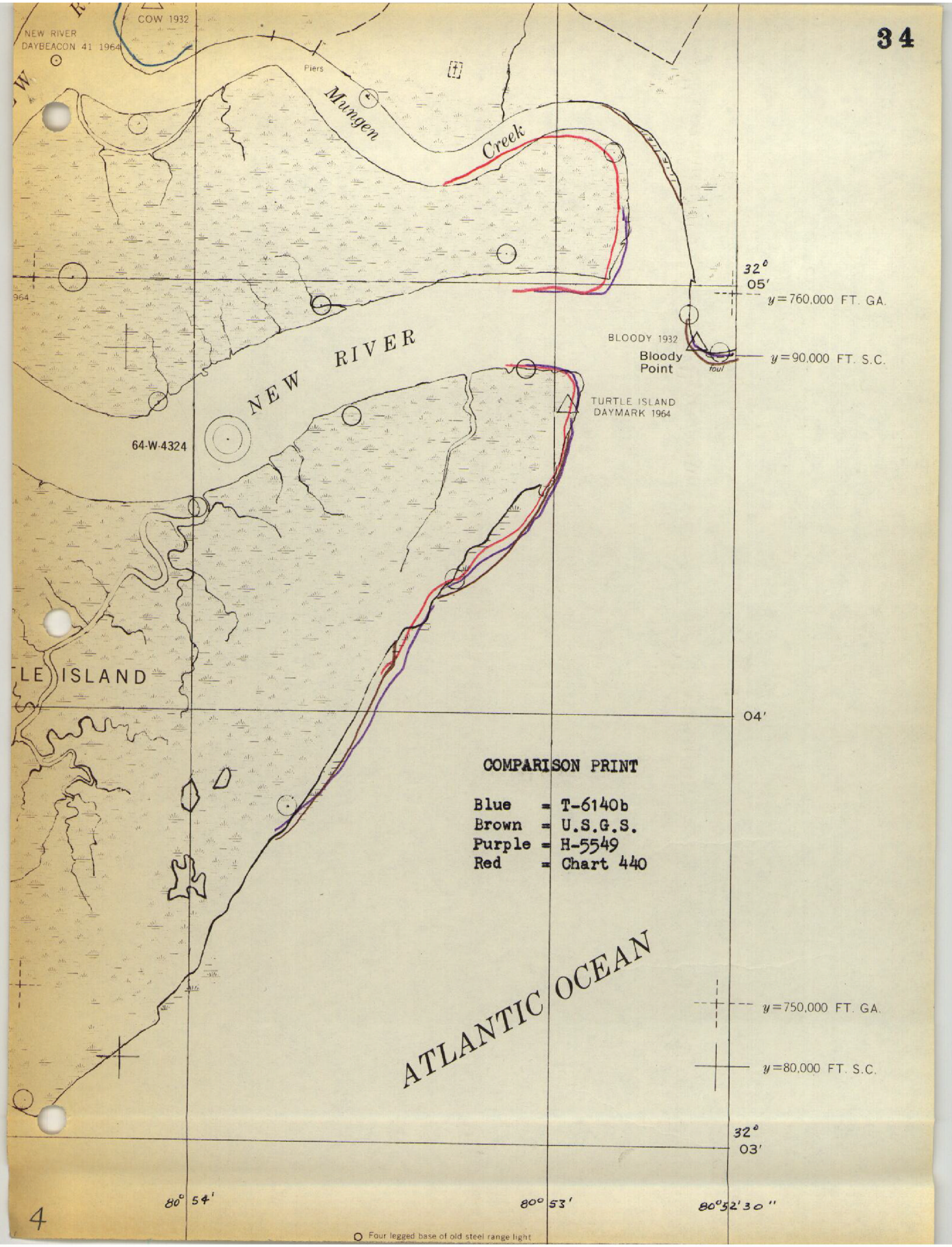
Chief, Photogrammetric Branch

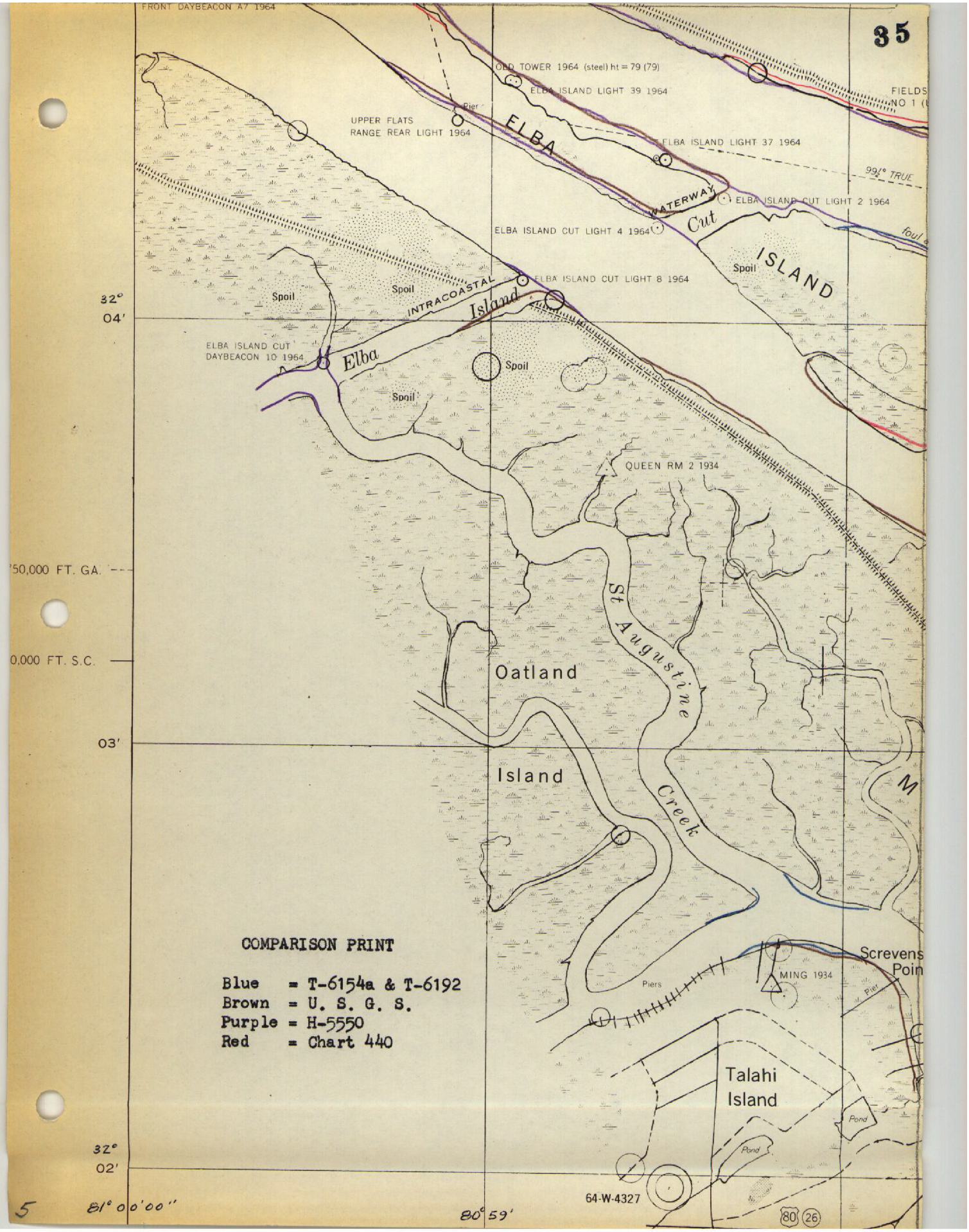
Chief, Photogrammetry Division

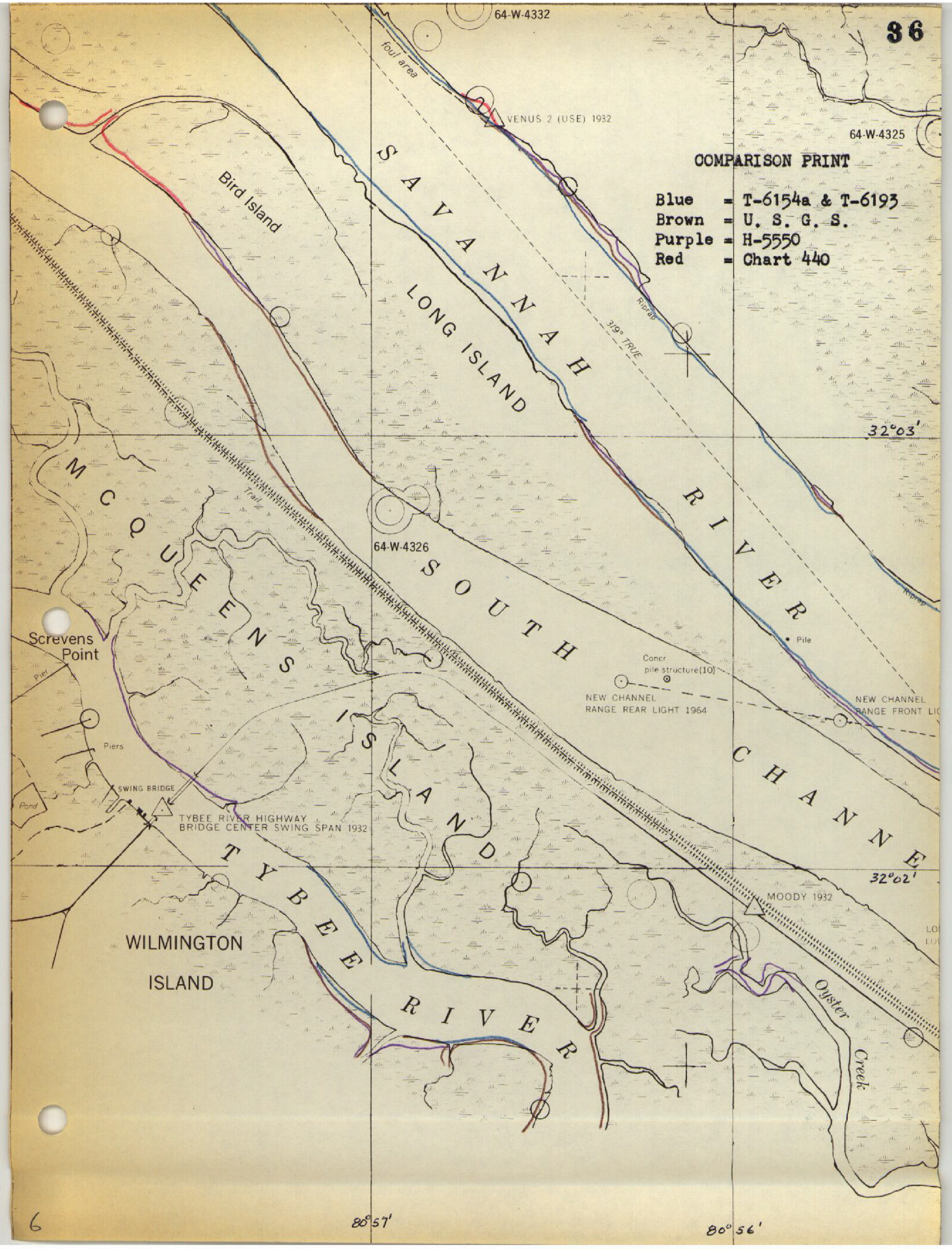

x=2,000,000 FT. S.C.
81°00'00"
32°07'30"
80° 59'
x=870,000 FT. GA.
31
x=2,010,00
58'
COMPARISON PRINT
Brown = U.S.G.S.
Purple = H-5550
Red = Chart 440
07'
y=770,000 FT. GA.
y=100,000 FT. S.C.
WRIGHT
WRIGHT 1932
OGLETHORPE RANGE
REAR LIGHT 1964
Ditch
06'
64-W-4330
Spoil
ELBA ISLAND TRAINING WALL LIGHT 42 1964
163½° TRUE
Ditch
y=760,000 FT. GA.
Spoil
32°05'
64-W-4
ST. AUGUSTINE 2 (USE) 1933
SOUTH CHANNEL RANGE
REAR DAYBEACON A7 1964
y=90,000 FT. S.C.
UPPER FLATS
RANGE FRONT LIGHT 1964
SOUTH CHANNEL RANGE

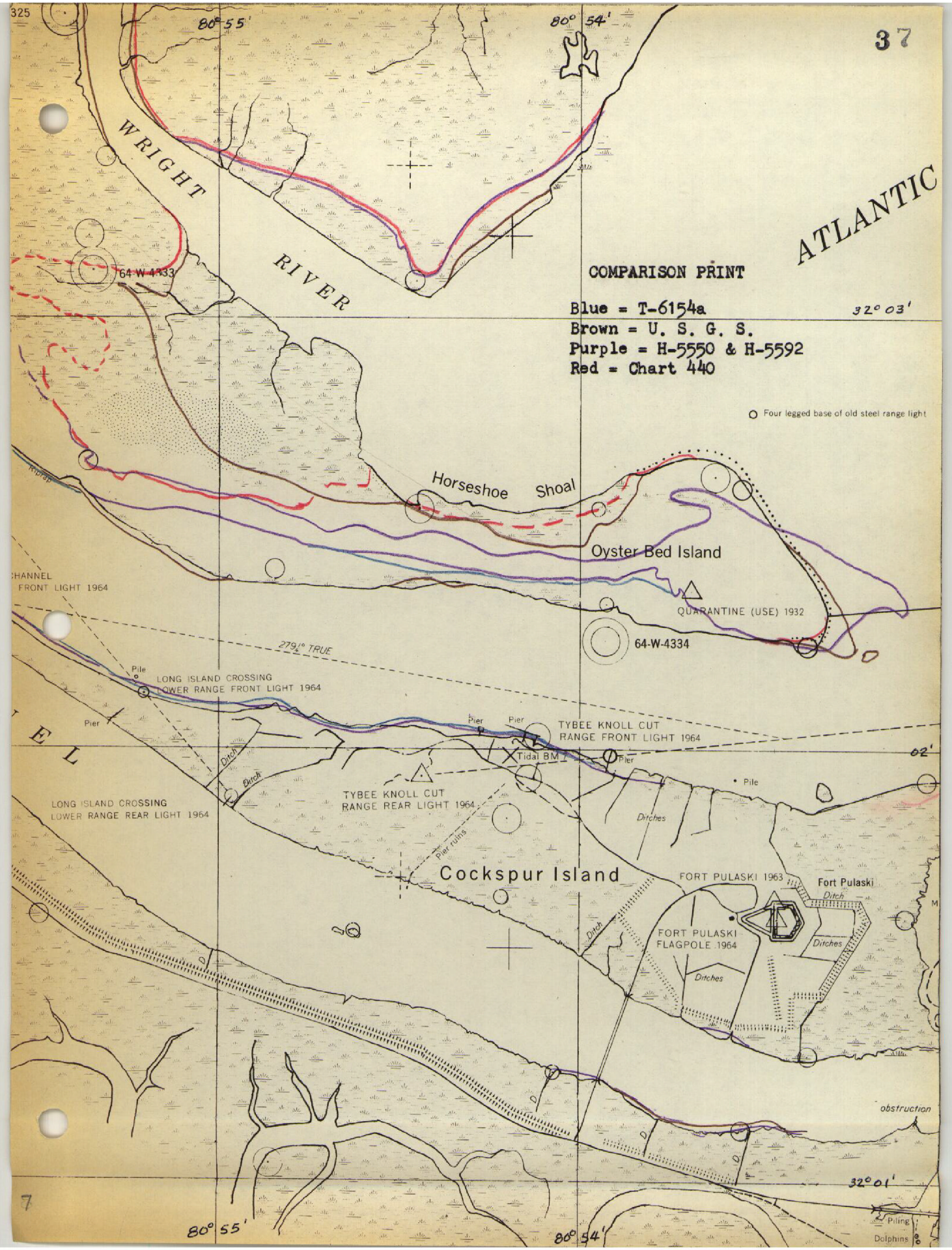

80° 57'
80° 56'
32
COMPARISON PRINT
Blue = T-6140a & T-6154a
Brown = U. S. G. S.
Purple = H-5549 & H-5550
Red = Chart 440
SCRAGGLY 1932
RIVER
32° 06'
FIELDS CUT LIGHT 45
FIELDS CUT NO 7 (USE) 1932
WATERWAY
FIELDS CUT DAYBEACON 46 1964
Spoil
64-W-4331
32° 05'
WALLS
Spoil
INTRACOASTAL
Fields Cut
FIELDS CUT NO 1 (USE) 1932
LONG ISLAND CROSSING UPPER RANGE REAR LIGHT 1964
JONES ISLAND
99½° TRUE
LONG ISLAND CROSSING UPPER RANGE FRONT LIGHT 36 1964
LOWER FLATS RANGE FRONT LIGHT 34 1964
foul area
LOWER FLATS RANGE REAR LIGHT 1964
2
Pond

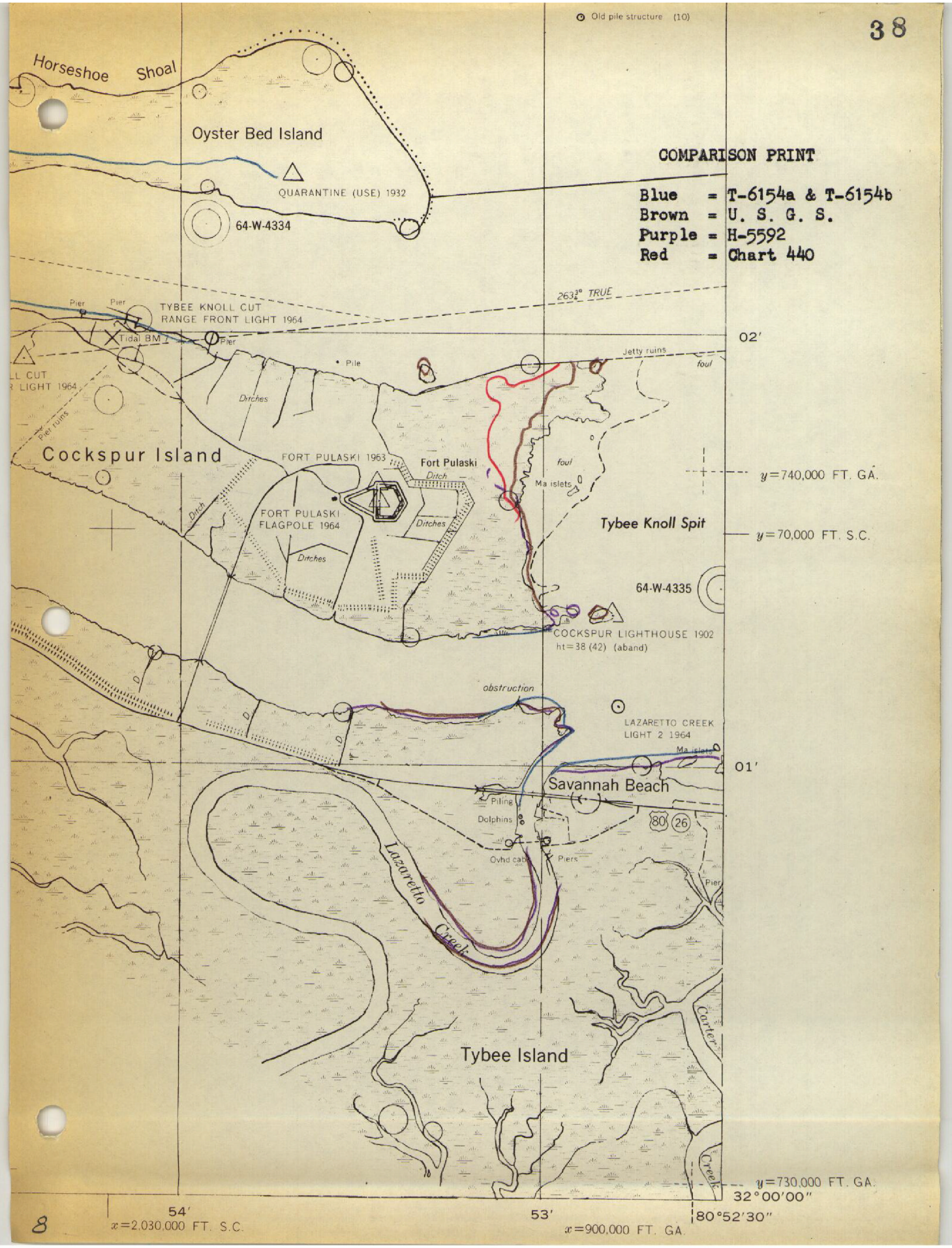

COMPARISON PRINT
Blue = T-6140b
Brown = U. S. G. S.
Purple = H-5549
Red = Chart 440
80° 55'
80° 54'
32° 06'
32° 04'
33
Pond
Tidal BM No 1
Pier ruins
Pier
Daufuskie Island
NEW RIVER LIGHT 40 1964
Piers
INTRACOASTAL WATERWAY
NEW RIVER
COW 1932
NEW RIVER DAYBEACON 41 1964
Piers
Mungen Creek
WALLS CUT DAYBEACON 44A 1964
WALLS CUT LIGHT 44 1964
WALLS CUT LIGHT 42 1964
Walls Cut
WALLS CUT DAYBEACON 43 1964
NEW RIVER
64-W-4324
TURTLE ISLAND


COW 1932
NEW RIVER
DAYBEACON 41 1964
Piers
Mungen
Creek
32°
05'
y=760,000 FT. GA.
BLOODY 1932
Bloody
Point
foul
y=90,000 FT. S.C.
NEW RIVER
TURTLE ISLAND
DAYMARK 1964
64-W-4324
LE ISLAND
04'
COMPARISON PRINT
Blue = T-6140b
Brown = U.S.G.S.
Purple = H-5549
Red = Chart 440
ATLANTIC OCEAN
y=750,000 FT. GA.
y=80,000 FT. S.C.
32°
03'
80° 54'
80° 53'
80°52'30"
4
Four legged base of old steel range light


35
FRONT DAYBEACON A7 1964
OLD TOWER 1964 (steel) ht = 79 (79)
ELBA ISLAND LIGHT 39 1964
FIELDS
NO 1
UPPER FLATS
RANGE REAR LIGHT 1964
Pier
ELBA
ELBA ISLAND LIGHT 37 1964
99½° TRUE
WATERWAY
ELBA ISLAND CUT LIGHT 2 1964
Cut
ELBA ISLAND CUT LIGHT 4 1964
foul
ISLAND
Spoil
ELBA ISLAND CUT LIGHT 8 1964
INTRACOASTAL
Island
Spoil
Spoil
32°
04'
ELBA ISLAND CUT
DAYBEACON 10 1964
Elba
Spoil
Spoil
QUEEN RM 2 1934
50,000 FT. GA.
St Augustine
0,000 FT. S.C.
Oatland
03'
Island
Creek
M
COMPARISON PRINT
Blue = T-6154a & T-6192
Brown = U. S. G. S.
Purple = H-5550
Red = Chart 440
Screvens
Poin
Piers
MING 1934
Pier
Talahi
Island
Pond
Pond
32°
02'
64-W-4327
5
81° 00' 00"
80° 59'
80
26


36
64-W-4332
foul area
VENUS 2 (USE) 1932
64-W-4325
COMPARISON PRINT
Blue = T-6154a & T-6193
Brown = U. S. G. S.
Purple = H-5550
Red = Chart 440
Bird Island
SAVANNAH RIVER
LONG ISLAND
Riprap
319° TRUE
32°03'
MCQUEENS ISLAND
Trail
64-W-4326
SOUTH CHANNE
Screvens Point
Pier
Piers
Pond
SWING BRIDGE
TYBEE RIVER HIGHWAY
BRIDGE CENTER SWING SPAN 1932
Pile
Concr
pile structure(10)
NEW CHANNEL
RANGE REAR LIGHT 1964
NEW CHANNEL
RANGE FRONT LI
32°02'
MOODY 1932
TYBEE RIVER
WILMINGTON
ISLAND
Oyster Creek
6
80°57'
80°56'


325
80° 55'
80° 54'
37
WRIGHT
RIVER
ATLANTIC
64-W-4333
COMPARISON PRINT
Blue = T-6154a
Brown = U. S. G. S.
Purple = H-5550 & H-5592
Red = Chart 440
32° 03'
Four legged base of old steel range light
Horseshoe Shoal
Oyster Bed Island
QUARANTINE (USE) 1932
64-W-4334
279½° TRUE
Pile
LONG ISLAND CROSSING
LOWER RANGE FRONT LIGHT 1964
Pier
TYBEE KNOLL CUT
RANGE FRONT LIGHT 1964
Tidal BM
Ditch
TYBEE KNOLL CUT
RANGE REAR LIGHT 1964
LONG ISLAND CROSSING
LOWER RANGE REAR LIGHT 1964
Pier ruins
Ditches
Cockspur Island
FORT PULASKI 1963
Fort Pulaski
FORT PULASKI
FLAGPOLE 1964
obstruction
32° 01'
Piling
Dolphins
80° 55'
80° 54'


Old pile structure (10)
Horseshoe Shoal
Oyster Bed Island
QUARANTINE (USE) 1932
64-W-4334
COMPARISON PRINT
Blue = T-6154a & T-6154b
Brown = U. S. G. S.
Purple = H-5592
Red = Chart 440
263½° TRUE
TYBEE KNOLL CUT RANGE FRONT LIGHT 1964
Pier
Tidal BM
Pile
Jetty ruins
foul
02′
Ditches
Pier ruins
Cockspur Island
FORT PULASKI 1963
Fort Pulaski
Ditch
FORT PULASKI FLAGPOLE 1964
Ma islets
y=740,000 FT. GA.
Tybee Knoll Spit
y=70,000 FT. S.C.
64-W-4335
COCKSPUR LIGHTHOUSE 1902
ht=38 (42) (aband)
obstruction
LAZARETTO CREEK LIGHT 2 1964
01′
Savannah Beach
Piling
Dolphins
Ovhd cable
Piers
80
26
Lazaretto Creek
Carter Creek
Tybee Island
y=730,000 FT. GA.
32°00′00″
54′
x=2,030,000 FT. S.C.
53′
x=900,000 FT. GA.
80°52′30″

FORM C&GS-8352
(3-25-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. _____

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
1241	1-13-72	C. L. Harrington	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No. NO CORR - (WITHIN AREA OF OMITTED DETAIL)
			& SMALL SCALE - Will be superseded by TP-00277, 278
839	2-4-72	G Moore	~~Full~~ Part Before ~~After~~ Verification Review Inspection Signed Via
			Drawing No.
[illegible]	[illegible]	[illegible]	
440	4-26-72	R. A. Lillis	~~Full~~ Part Before ~~After~~ Verification Review Inspection Signed Via
			Drawing No. 34
440	10-18-74	DL Potter	Full ~~Part Before~~ After Verification Review Inspection Signed Via
			Drawing No. 37 Form, No Correction; Superseded by TP 00277
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.
			Full Part Before After Verification Review Inspection Signed Via
			Drawing No.

FORM C&GS-8352 SUPERSEDES ALL EDITIONS OF FORM C&GS-975.

USCOMM-DC 8558-P63