8765

Smooth Copy

229-2

Diag. Cht. No. 1229-2.

Form 504

U. S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey HYDROGRAPHIC

Field No. BE-10-1-62 Office No. H-8765

LOCALITY

State North Carolina

General locality North Carolina Coast off Banks

Locality Oregon Inlet - Pamlico Sound

1962

CHIEF OF PARTY

Oliver C. Swindell

LIBRARY & ARCHIVES

DATE FEB 9 - 1965

COMM-DC 61300

8765

8765

Form 537
(Ed. June 1946)

DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

HYDROGRAPHIC TITLE SHEET

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

REGISTER No. H-8765

Field No. BE 10-1-62

State NORTH CAROLINA

General locality NORTH CAROLINA COAST

Locality OREGON INLET

Scale 1:10,000 Date of survey 19 July - 26 Sept. 1962

Instructions dated 4 June 1962

Vessel LAUNCH PARTY BETA

Chief of party OLIVER C. SWINDELL

Surveyed by OLIVER C. SWINDELL

Soundings taken by ~~fathometer~~, graphic recorder, hand lead, ~~wire~~ XXX SOUNDING POLE

Fathograms scaled by PARTY PERSONNEL

Fathograms checked by PARTY PERSONNEL

Protracted by HARRY R. SMITH (Norfolk Office)

Soundings penciled by HARRY R. SMITH " "

Soundings in ~~fathoms~~ feet at MLW ~~MLLW~~

REMARKS: Field work incomplete.

U. S. GOVERNMENT PRINTING OFFICE 16—60520-1

DESCRIPTIVE REPORT TO ACCOMPANY HYDROGRAPHIC SURVEY

H- (Field No.BE-10-1-62)

A. PROJECT

A hydrographic survey was conducted according to instructions: Project OPR-433, Oregon Inlet, North Carolina, dated 4 June 1962. The survey is incomplete at this time. See Addendum -

B. AREA SURVEYED

The project includes development of the 30-foot curve, 1½ miles north and 1½ miles south of Oregon Inlet on the Atlantic Coast, and the area east of 75 38'W between latatudes 35 ~~41.5'N~~ 45.7'N and 35 49.5'N in Pamlico Sound.

A Project limit sketch showing the area completed is enclosed with this report.

C. SOUNDING VESSELS

All of the hydrography of this survey was accomplished by Launch CS-182 and skiff CS-735. The launch was used mostly outside the inlet and used blue ink for position numbers. The skiff was used inside Pamlico Sound and used violet ink for position numbers.

D. SOUNDING EQUIPMENT

All echo sounding was done with a 808 type fathometer #57-37, calibrated for 820 fathoms/second. A sounding pole was used by skiff CS-735 in shoal areas. The fathometer velocity corrections were calculated from bar checks.

E. SMOOTH SHEET

The smooth sheet will be plotted by the Norfolk Office, Hydrographic Processing Section.

F. CONTROL

All hydrography was controlled by three point sextant fixes taken simultaneously on hydrographic signals and natural objects.

The hydrographic signals were of three types; triangulation stations, geodimeter and teleurometer stations, and signals located by sextant angles. A complete list of signal names accompanies this report.

The horizontal datum for the planemetric manuscripts, triangulation, and the boatsheet is the North American 1927 Datum. Triangulation in the area was done in 1849, 1875, and 1962 by the Coast and Geodetic Survey. The cronaflex prints of the manuscripts used for transfer of signals to the boat sheet were T-11,672, T-11,665, T-12,133 and T-12,140.

G. SHORELINE

Preliminary shoreline from 1953 scale 1:20,000 topographic sheet, supplemeted by recent aerial photographs, was applied to the boat sheet in the Washington Office. New manuscripts will be available for smooth plotting. T-11665, T-11672 T-12133, T-12140

H. CROSSLINES

Crosslines were run on the sheet to an extent of about 8% of the regular scheme. All crossings are in good agreement.

I. JUNCTIONS

A copy of H-6228, scale 1;10,000, 1937 was furnished for comparison purposes. It was found that this area has undergone extensive change and that all prior surveys are obsolete. Prior survey soundings taking from C&GS Chart 1229 are located in green on the boat sheet.

J. COMPARISON WITH PRIOR SURVEY

See section I.

K. COMPARISON WITH CHART

See section I.

L. ADEQUACY OF SURVEY

The survey is incomplete at this time.

M. AIDS TO NAVIGATION

All aids to navigation within the limits of this boat sheet were located and are plotted on the boat sheet.

See NPD - List Floating Aids.

N. STATISTICS

Vessel	Number of Positions	N.M. of Sounding Lines
Launch CS-182	1428	141.7
Skiff CS-735	3394	289.8
Total:	4822	431.5

Total area surveyed: 15.7 square nautical miles
Number of bottom samples: 19
Number of tide gages: 3

Q. RECOMMENDATIONS

Extensive dredging operations were underway after surveying this area. A resurvey in these areas should be undertaken.

Respectfully submitted

John W. Bricker
LTJG, C&GS

TIDE NOTE

Three tide gages were used to control the tidal data for this boat sheet. A gage located at Kitty Hawk, North Carolina (36 06.1N, 75 42.6W) was used to control all work outside Oregon Inlet. Mean low water was 2.0 feet on the staff and all heights recorded on the marigram should be corrected by this amount

A gage located at South Point, Oregon Inlet (35 46.05N, 75 31.45W) was used to infer tides to Kitty Hawk, North Carolina. Mean low water was 2.6 feet on the staff and all heights recorded on the marigram should be corrected by this amount.

A gage located at Duck Island, Pamicol Sound, North Carolina (35 48.0N, 75 35.5W) was used to control all hydrography inside the mouth of Oregon Inlet. Mean low water was 2.7 feet on the staff and all heights recorded on the marigram should be corrected by this amount.

Time meridian 75W (ZD 5) was used for times on all three gages.

ABSTRACT OF VELOCITY CORRECTION

(BE-10-1-62)

Launch CS-182

Corrections to Depth

		Corr.	Depth
Group I	a-d days	0.0	0.0-10.0
		+0.2	10.1-20.0
		+0.4	20.1-30.0
		+0.6	30.1- .....
Group II	e,f,h days	0.0	0.0-40.0
		+0.2	40.1- ....
Group III	g,j,k days	0.0	0.0- 9.0
		-0.2	9.1-30.0
		-0.4	30.1- ....

Skiff CS-735

		Corr.	Depth
Group I	a-u days	0.0	0.0- 5.0
		+0.2	5.1-10.0
		+0.4	10.1- ....

LIST OF STATIONS

H-

(BE-10-1-62)

Name Used in Hydrographic Survey	Origin of Station
Art	T-11672
Bat	Bat,1962 T-12133
Big	T-12140
Bob	T-12140
Bodie	Bodie Island Lighthouse,1875 T-11665
Bus	T-12140
Car	Old House Channel Lt. 3,1962 T-12133
Chan	Roanoke Sound Channel Lt. 3, 1962 T-11665
Club	Club,1933 T-12133
Com	T-12140
Coo	T-12140
Cop	T-12140
Cow	T-12140
Cup	Oregon Inlet Coast Guard Cupola 1933 T-12140
Daw	T-11665
Day	T-11665
Del	T-12133
Dix	T-11665
Ducky	Ducky, 1962 T-12133
Dud	T-12140
Duo	T-12133
Ear	T-12140
East	Duck Island Club, East Gable, 1962 T-12133
Ebb	T-11665
End	T-12140
Eva	T-12133
Few	T-12140
Fez	T-12133
Flag	Oregon Inlet Coast Guard Flagpole, 1933, T-12140
Fly	T-12133
Fun	T-12133
Gal	Gal, 1962 T-12133
Hod	T-12140
Hot	T-11665
Ida	T-12140

See N.P.O List of signals

Name Used in Hydrographic Survey	Origin of Station
Irk	T-11665
Let	Oregon Inlet Lt. 5, 1962 T-12140
Mar	T-12140
Nel	Roanoke Sound Channel Lt. 7, 1962 T-11665
Noke	Roanoke Sound Channel Lt. 2, 1962 T-12133
Nut	T-12133
Oak	T-11665
Ohm	T-12140
Oil	T-12140
Old	Old House Channel Daybeacon 4,1962 T-12133
Ore	Oregon Inlet Junction Lt.,1962 T-12133
Out	T-12133
Pow	T-12140
Put	T-11665
Rio	T-12140
Roa	T-12133
Ron	Walter Slough Daybeacon 3 T-12140
Sol	T-12140
Tan	T-11665
Tax	T-12133
Tank	Bodie Island National Park Service Water Tank, T-11665
Tom	T-11665
Toy	T-11665
Tow	T-12140
Thru	Roanoke Island Cut Thru Lt. T-12133
Use	Old House Channel Lt. 2, 1962 T-12133
Wal	Walter Slough Channel Lt., 1962 T-12133
War	Stewart, 1962 T-12133
Way	Oregon Inlet Channel Lt. 10,1962 T-12140

APPROVAL SHEET

The boat sheet and records for the portion of the project area surveyed were under my supervision and daily inspection. The portion of the project area surveyed is complete and adequate for charting. Addional field work is recommended in areas of recent dredging operations.

Oliver C. Swindell

Oliver C. Swindell
Chief of Party

NORFOLK HYDROGRAPHIC PROCESSING BRANCH
LIST OF SIGNALS
H-8765

TRIANGULATION STATIONS

BOB BOB, 1962
BODIE BODIE ISLAND L.H., 1875-1933
CAR OLD HOUSE CHANNEL, LT. 3, 1962
CHAN ROANOKE SOUND, CHAN. LT. 3, 1962
CLUB CLUB, 1933
CUP OREGON INLET C.G. CUPOLA, 1933
DUCKY DUCKY, 1962
FLAG OREGON INLET C.G. FLAGPOLE, 1933
FUN FUN, 1962 — Photo station ?
HEN OLD HOUSE CHAN. LT, 6, 1962
LET OREGON INLET, CHAN. LT. 5, 1962
NEL ROANOKE SOUND, CHAN.LT. 7, 1962
NOKE ROANOKE SOUND, CHAN. LT. 2, 1962
ORE OREGON INLET, JUNCTION LT., 1962
PARK PARK, 1962
PIT OREGON INLET, CHAN. LT. 13, 1962
ROA ROANOKE SOUND, CHAN. LT. 1, 1962
TANK BODIE ISLAND, NAT. PARK SERVICE, WATER TANK, 1962
THRU ROANCKE ISLAND, CUT THRU LT., 1962
USE OLD HOUSE CHAN., LT. 2, 1962
WAL WALTER SLOUGH, CHAN. LT. 1, 1962
WAY OREGON INLET, CHAN. LT. 10, 1962

PHOTO-HYDRO STATIONS

SOURCE T-11665

ARK BAT DAW DAY DIX EBB EVA HOT IRK NUT OAK
PUT TAN TOM TOY WAR

SOURCE T-11672

ADD AIM ART AXE BIG BUS COM OHM

SOURCE T-12133

DUO EAST FEZ FLY GAL OLD OUT TAX

SOURCE T-12140

COO COP COW DUD END HOD NMAR OIL POW RIO RON
SOL TOW

SOURCE - FIELD NOTE

BUL CON DEL WIN

HYDROGRAPHIC STATIONS

EAR Vol. 2, pg. 5
IDA Vol. 3, pg. 48
FEW Vol. 1, pg. 29
PAX Vol. 5, pg. 4

Oregon Inlet Channel Daybeacon #9 35° 46.'18 / 75°

NAME	LATITUDE & LONGITUDE	Seconds In Meters
Oregon Inlet Channel Daybcn #9	35° 46.'18	3346.0
BUI – ✓ BS.	75° 32.'75	1120.0
" " " "	#12 – 35° 46.'28	529.9
WIN ✓ B.Shed	75° 33.'12	164.9
" " " "	#14 – 35° 46.'40	740.2
	75° 34.'20	295.2
" " " "	#15 – 35° 46.'39	719.8
PAX Hydr. beacon – in 06	75° 34.'71	1067.7
Old House Channel Daybcn	#2A – 35° 47.'07	120.1
DEL ✓ Boat shed.	75° 34.'52	770.7
" CON	" Junt Junction Daybcn.	35° 46.'47 – 874.6
		75° 34.'66 – 992.2

Value of 1' Latitude between 35° 46.'00 & 35° 47.'00 = 1849.9

35° 47.'00 & 35° 48.'00 = 1849.9

NORFOLK HYDROGRAPHIC PROCESSING BRANCH
FLOATING AIDS TO NAVIGATION
H-8765

BUOY	LATITUDE	LONGITUDE	DEPTH	POS. NO.	DATE
OREGON INLET					
Chan. Lighted Buoy 8	35-46.35'	75-32.31'	6'	2j	9/11/62
Chan. Buoy 6	46.79	31.99	23'	3j	"
Chan. Lighted Buoy 3	46.92	31.64	26'	4j	"
Chan. Buoy 4	47.12	31.51	25'	5j	"
Chan. Lighted Buoy 2	47.36	31.21	16'	6j	"
Chan. Buoy 1	47.47	30.99	11'	111e	7/26/62
PRIVATELY MAINTAINED					
Dredging Buoy	47.57	31.08	10'	112e	"

NORFOLK HYDROGRAPHIC PROCESSING BRANCH
ADDENDUM
To Accompany

HYDROGRAPHIC SURVEY H-8765 (BE 10-1-62)

GENERAL

Although the field work on this survey is incomplete, it was smooth plotted in compliance with the Deputy Director's priority list, dated Jan. 9, 1964, C-835.

Except for occasional one foot discrepancies, soundings are in good agreement at crossings. In areas of flat bottom fractional depth units were used frequently in an effort to smooth curves.

CONTROL

Stations BUL, WIN, CON and DEL do not appear on the air-photo compilations nor could positions be furnished by Washington Office. They were plotted on the smooth sheet using the positions recorded on the attached field note. These agree with boat sheet locations.

Respectfully submitted,

Hugh L. Proffitt
Cartographer

Norfolk, Va.
5 Feb. 1965

FORM 197
(3-16-55)

GEOGRAPHIC NAMES

Survey No. H-8765

Name on Survey	On Chart No. A	On previous survey No. B	On U. S. quadrangle Maps C	From local information D	On local Maps E	P. O. Guide or Map F	Rand McNally Atlas G	U. S. Light List H	K	
Atlantic Ocean										1
Bodie Island										2
Cedar Island										3
Cedar Point										4
Duck Pt.										5
North Pt.										6
Off Island										7
Old House Chan.										8
Oregon Inlet										9
Pamlico Sound										10
Pea Island										11
Roanoke I.										12
South Point										13
Walter Slough										14
					Names approved					15
					4-15-65					16
					R. J. Wright					17
										18
										19
										20
										21
										22
										23
										24
										25
										26
										27

Verifier's Report to the Reviewer

Report Items (In reference to Form-946A - Verifier's Report):

Part I - Descriptive Report

Item 3. Topographic sheets were not referred to by year.

Part II - Shoreline and Signals

Item 4. Signal Fan, 1962 is listed as a triangulation station in the Descriptive Report although there is no record of it in the Geodetic files. It appears to be a Photo Point improperly transferred. The T-sheets are now being reviewed at Norfolk.

Item 5. The existance of an islet or portion thereof between positions 72 f and 72f, 1st out of the skiff work is disproved based upon examination of the fathogram.

The existance of an islet between positions 97f, 1th out and 98f of the skiff work is disproved based on examination of the fathogram.

Item 5. (continued)

The center portion of an islet between position 126 f and 126 f, 1st out is disproved based upon examination of the fathogram.

Part II - Volumes

Item 12.

(b) Line turns were not always indicated in the remarks columns of the volumes.

(g & h) Numerous errors exist in the volumes of the skiff work concerning corrections applied to soundings. These errors consisted of inappropriate echo corrections, initial correctors and improperly computed reduced soundings. Fathograms were not adequately scanned for the skiff hydro in respect to situations where pole and fathograms trace occur simultaneously.

(k) ~~Sect~~ See item 5 of Part II preceding.

Part V Protracting

Item 17. Three arm protractor (plastic) used was checked August 9, 1972.

Part VI - Soundings

Item 19. Crossline soundings of positions 20 to 22 9 day of the skiff work were rejected in their crossing of a day of the skiff work. Rejection was based upon evaluation of the records and character of the bottom defined by the records.

Item 22. In processing a day of the skiff work initial corrections were applied to pole soundings.

Part VII - Notes to the Reviewer

Item 34. The line of soundings from position 77a thru 88a was rejected. This line falls within the sounding lines of 9 day of the skiff work. The soundings rejected were approximately one foot greater in depth.

Part XI (Continued)

Item 36. The original tide reducer of a day of the skiff work was replaced by an arbitrary tide reducer at the time of smooth plotting. Mr. Hubbard of Tides Section (Rockville) constructed a tide curve based on Duck Island tide station for September 19, 1962 to be used for a day. It was determined that the original reducer was in agreement with the constructed curve. Therefore, the original reduced soundings of the volume were correct. The smooth plot and volumes were corrected accordingly.

R. D. Sawicki
13 Oct 1972

FORM C&GS-712
(3-9-64)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

TIDE NOTE FOR HYDROGRAPHIC SHEET

7/2/65

Nautical Chart Division: R. H. Carstens

Plane of reference approved in
16 volumes of sounding records for

HYDROGRAPHIC SHEET 8765

Locality: Oregon Inlet, North Carolina

Chief of Party: O. C. Swindell (1962)

Plane of reference is mean low water

Tide Station Used (Form C&GS-681):

Kitty Hawk
South Point, Oregon Inlet
Duck Island, Pamlico Sound

Height of Mean High Water above Plane of Reference is as follows:

Kitty Hawk	3.2 ft.
South Point, Oregon Inlet	2.0 "
Duck Island, Pamlico Sound	0.4 "

Remarks

NOTE: Tide reducers for the positions listed below have been revised in red and verified.

Vol.	Pos.
11	1k to 26k
14	1s to 111s
15	112 to 225s

J. M. Symons
Chief, Tides and Currents Branch

USCOMM-DC 6660-P64

FORM C&GS-946
(REV. 3-1-64)
(PRESC. BY HYDROGRAPHIC MANUAL 20-2, 6-94, 7-13)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY
NAUTICAL CHART DIVISION

HYDROGRAPHIC SURVEY STATISTICS

HYDROGRAPHIC SURVEY NO. 8765

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

RECORD DESCRIPTION	AMOUNT	RECORD DESCRIPTION	AMOUNT
SMOOTH SHEET	1	BOAT SHEETS	1
DESCRIPTIVE REPORT	1	OVERLAYS	

DESCRIPTION	DEPTH RECORDS	HORIZ. CONT. RECORDS	PRINTOUTS	TAPE ROLLS	PUNCHED CARDS	ABSTRACTS/ SOURCE DOCUMENTS
ENVELOPES						
CAHIERS	2					1
VOLUMES	16					
BOXES						

T-SHEET PRINTS *(List)*
Blueline prints 11672, 11665(2), 12133 & 12140.

SPECIAL REPORTS *(List)*

OFFICE PROCESSING ACTIVITIES

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

PROCESSING ACTIVITY	AMOUNTS			
	PRE-VERIFICATION	VERIFICATION	REVIEW	TOTALS
POSITIONS ON SHEET				4822
POSITIONS CHECKED		1366		
POSITIONS REVISED		104		
DEPTH SOUNDINGS REVISED		2885		
DEPTH SOUNDINGS ERRONEOUSLY SPACED		123		
SIGNALS ERRONEOUSLY PLOTTED OR TRANSFERRED		1		
	TIME (MANHOURS)			
TOPOGRAPHIC DETAILS		12		
JUNCTIONS		1		
VERIFICATION OF SOUNDINGS FROM GRAPHIC RECORDS		302		
SPECIAL ADJUSTMENTS		97		
ALL OTHER WORK		8		
TOTALS		420		

PRE-VERIFICATION BY	BEGINNING DATE	ENDING DATE
VERIFICATION BY R D Samsel	BEGINNING DATE 16 May 1972	ENDING DATE 16 Oct 1972
REVIEW BY	BEGINNING DATE	ENDING DATE

USCOMM-DC 6641-P64

FORM C&GS-946A
(REV. 2-1-64)
(PRES. BY HYDROGRAPHIC MANUAL, 6-94)

U.S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

VERIFIER'S REPORT

HYDROGRAPHIC SURVEY, H-8765

INSTRUCTIONS - This form serves to identify items of a check list in verification together with items which are separately reported to the Reviewer. The form is not to be forwarded to the Reviewer. A report, which is prepared for the Reviewer, should identify items by number and letter and will be filed in the Descriptive Report until the survey is reviewed.

CL - Check List Items: should be checked as having been completed during the verification processes.

R - Report Item: This column refers to those items reported to the reviewer and is used to indicate the items discussed.

Part I - DESCRIPTIVE REPORT Note: The verifier should first read the Descriptive Report for general information and problems.	CL	R
1. The Descriptive Report was consulted, paragraphs checked if found satisfactory, and notations were made in soft black pencil regarding action taken. Remarks Required: -- None	✓	
2. Soundings originating with the survey and mentioned in the Descriptive Report have been verified and checked in soft black pencil, including latitude and longitude, together with position identification. Remarks Required: -- None	✓	
3. All reference to survey sheets mentioned in the Descriptive Report should include registry number and year. Remarks Required: -- None	✓	✓
Part II - SHORELINE AND SIGNALS		
4. Source of shoreline signals Remarks Required: -- List all surveys a. Give earliest and latest dates of photographs b. Field inspection date c. Field Edit date d. Reviewed-Unreviewed		✓
5. The transfer of contemporary topographic information was carefully examined and reconciled with the hydrography. Remarks Required: -- Discuss remaining differences.		✓
6. The plotting of all triangulation stations, topographic stations and hydrographic signals has been checked and noted in processing stamp No. 42 on the smooth sheet. Remarks Required: -- None	✓	
7. Objects on which signals are located and which fall outside of the high-water line have been described on the sheet. Remarks Required: -- List those signals still unidentified.	✓	
Part III - JUNCTIONS Note: Make a cursory comparison preliminary to inking soundings in area of overlap.		
8. All junctions of contemporary or overlapping sheets were transferred in colored ink and overlapping curves were made identical. Remarks Required: -- None	✓	
9. The notation in slanted lettering "JOINS H----(19)" was added in colored ink for all verified contemporary adjoining or overlapping sheets. Those not verified are shown in pencil. Remarks Required: -- None	✓	

Part III - JUNCTIONS (Continued)	CL	R
10. Junctions with contemporary surveys were satisfactory except as follows: Remarks Required: -- Consider conditions after adjustments have been made; note adjustments made. Make special notes of Butt junctions and areas which are SUPERSEDED. No contemporary surveys to junction.	✓	
Part IV - VOLUMES		
11. All items affecting the plotting of the survey which are entered in the remarks columns of the sounding records were noted and check marked. In all cases appropriate action was taken and exceptions noted in the volumes. Remarks Required: -- None		✓
12. Condition of sounding records was satisfactory except as follows: Remarks Required: -- Mention deficiencies in completeness of notes or actions for the following: (a) rocks (b) line turns (c) position values of beginning and ending of lines (d) bar check or velocity correctors (e) time recording (f) notes or markings on fathograms (g) was reduction of soundings accurately done? (h) was scanning accurate? (i) were peaks at uneven intervals missed? (j) were stamps completed? (k) references to adjacent features		✓
Part V - PROTRACTING		
13. All positions verified instrumentally were check marked in color in the sounding records, and verifier initialed the processing stamp. Remarks Required: -- None	✓	
14. The protracting and plotting of all unsatisfactory crossings were verified. Remarks Required: -- None	✓	
15. All detached positions locating critical soundings, rocks, buoys, breakers, obstructions, kelp, etc., were verified and the position numbers are legible. Remarks Required: -- None	✓	

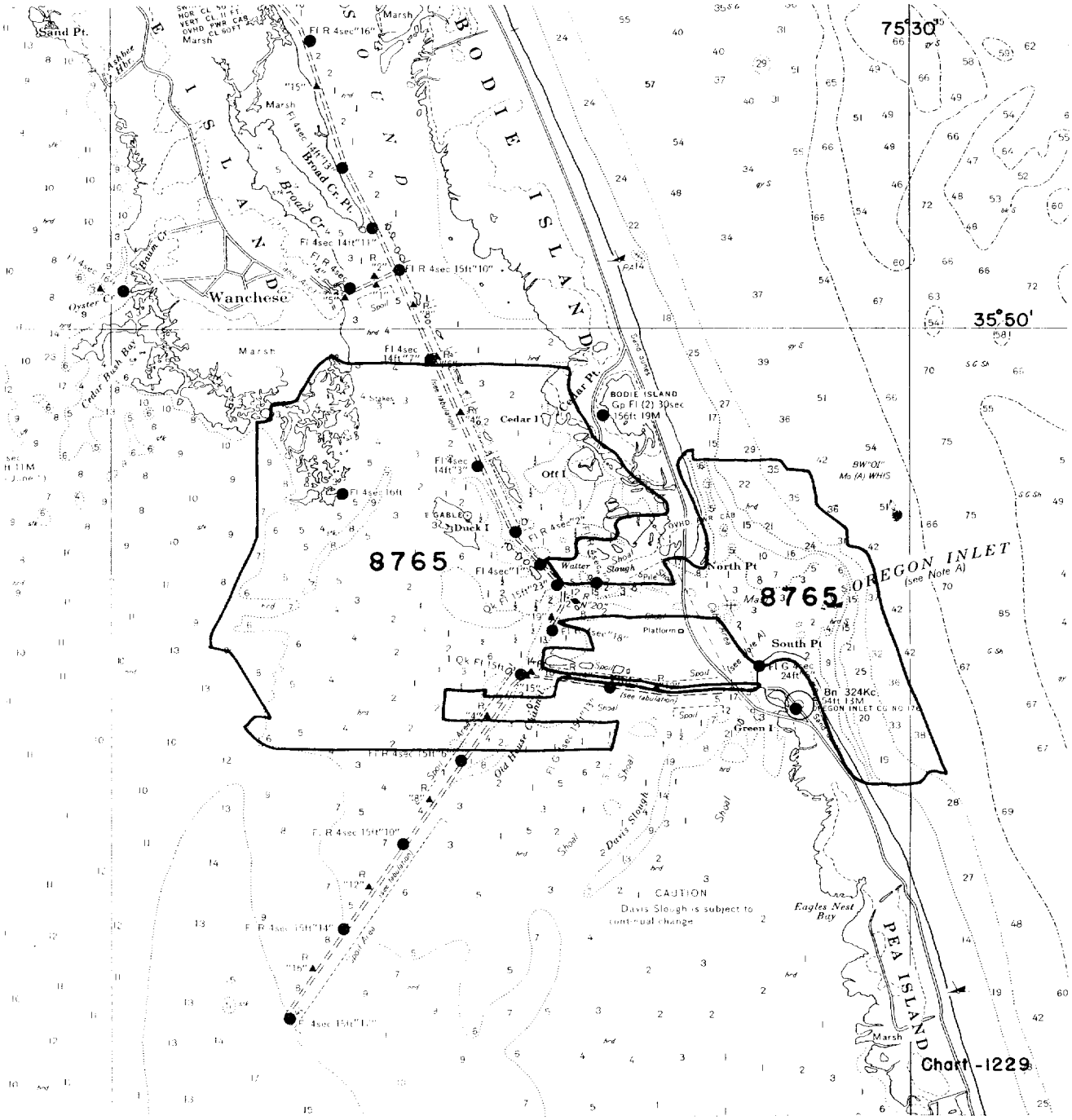
USCOMM-DC 6623-P64

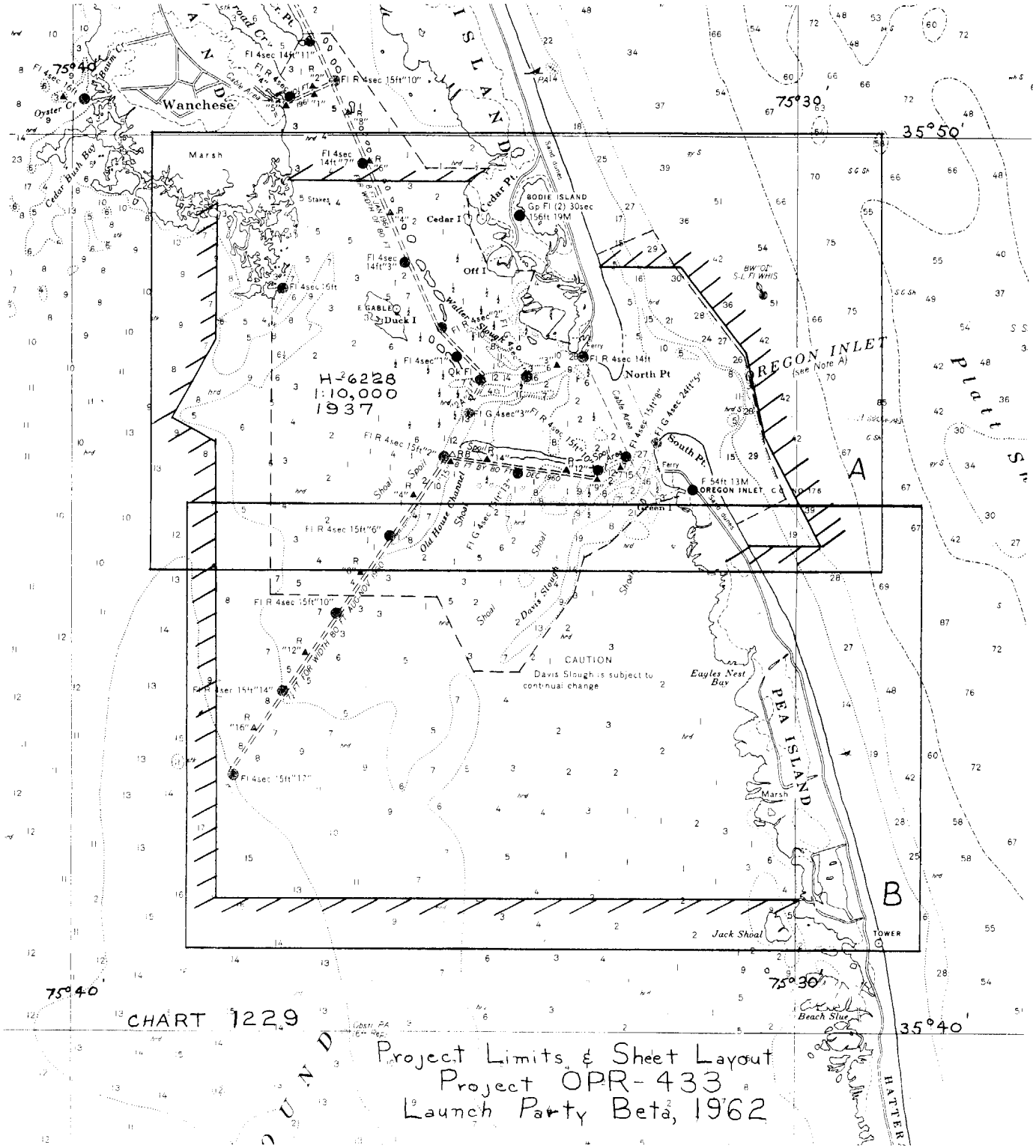
Part V - PROTRACTING (Continued)	CL	R
16. The protracting was satisfactory except as follows: Remarks Required: -- Refers to protracting in general except for specific faults repeated often, or faults in control information, which required considerable replotting or adjustments.		✓
17. The protractor has been checked within the last three months. Remarks Required: -- Date of check, type of protractor and number.		✓
Part VI - SOUNDINGS		
18. All soundings are clear and legible, and critical soundings are a little larger than adjacent soundings. Remarks Required: -- None	✓	
19. Sounding line crossings were satisfactory except as follows: Remarks Required: -- Discuss adjustments.		✓
20. The spacing of soundings as recorded in the records was closely followed; Remarks Required: -- None	✓	
21. The scanning, reduction, spacing, plotting of questionable soundings have been verified. Remarks Required: -- None	✓	
22. The smooth plotting of soundings was satisfactory except as follows: Remarks Required: -- Refer to legibility, errors in spacing, and errors in numbers - but not to errors in scanning.		✓
Part VII - CURVES		
23. The depth curves have been inspected before inking. Remarks Required: -- By whom was the penciled curves inspected.	✓	
24. The low-water line and delineation of shoal areas have been properly shown in accordance with the following: a. From T-Sheet in dotted black lines ✓ b. From soundings in orange ✓ c. Approximate position of sketched curve is dashed orange ✓ d. Approximate position of shoal area not sounded in black dashed Remarks Required: -- None	✓	
25. Depth curves were satisfactory except as follows: (This statement should not refer to the manner in which the curves were drawn). Remarks Required: -- Indicate areas where curves could not be drawn completely because of lack of soundings. For some inshore areas a general statement is sufficient.	✓	

Part VIII - AIDS TO NAVIGATION	CL	R
26. All fixed aids located together with those on the contemporary topographic sheets, have been shown on the survey. Remarks Required: -- Conflicts of any nature listed.	✓	
27. All floating aids listed in the Descriptive Report should be verified and checked in soft black pencil, including latitude and longitude and position identification. Remarks Required: -- None	✓	
Part IX - BOAT SHEET		
28. The boat sheet was constantly compared with the smooth sheet with reference to notes, position of sounding lines and supplemental information. Remarks Required: -- None	✓	
29. Heights of rocks awash were correctly reduced and compared with topographic information. Remarks Required: -- Note excessive conflicts with topographic information.	✓	
Part X - GENERAL		
30. All information on the sheet is shown in accordance with figures 82 and 83 in the Hydrographic Manual (Pub. 20-2). Remarks Required: -- None	✓	
31. Unnecessary pencil notes have been removed from the sheet. Remarks Required: -- None	✓	
32. Degree, minute values and symbols have been checked; also electronic distance arcs have been properly identified and checked on the smooth sheet. Remarks Required: -- None	✓	
33. The bottom characteristics are adequately shown. Remarks Required: -- None	✓	
Part XI - NOTES TO THE REVIEWER		
34. Unresolved discrepancies and questionable soundings.		✓
35. Notation of discrepancies with photogrammetric survey inserted in report of unreviewed photogrammetric survey or on copy.		✓
36. Supplemental information.		✓

Verified by R. D. Sanocki

Date 16 Oct. 1972


75°30'
35°50'
8765
8765
Wanchese
Marsh
Broad Cr. Pt.
Broad Cr.
Sand Pt.
Ashbee Hbr.
Oyster Cr.
Basin Cr.
Cedar Bush Bay
BODIE ISLAND
Gp Fl (2) 30sec
156ft 19M
Cedar I
Cedar Pt.
Off I
Duck I
Gable
Fl 4sec 14ft"7"
Fl 4sec 16ft
Fl R 4sec"2"
Fl 4sec"1"
Fl 4sec 14ft"3"
Fl R 4sec 15ft"10"
Fl R 4sec"16"
Fl R 4sec 14ft"11"
Fl R 4sec 14ft"13"
Water Slough
Spoil Area
North Pt
South Pt
Platform
Qk Fl 15ft
Fl G 4sec
24ft
Bn 324Kc.
44ft 15M
OREGON INLET CG NO 1764
Green I
Old Haur Channel
Davis Slough
Shoal
CAUTION
Davis Slough is subject to
continual change
Eagles Nest Bay
PEA ISLAND
Marsh
OREGON INLET
(see Note A)
(see tabulation)
Chart-1229


H-6228
1:10,000
1937
OREGON INLET
(see Note A)
Wanchese
Marsh
Cedar Bush Bay
Oyster Cr
Cedar Pt.
Cedar I
BODIE ISLAND
Gp Fl (2) 30sec
156ft 19M
Off I
Duck I
GABLED
North Pt
South Pt.
Ferry
F 54ft 13M
OREGON INLET C.G.
Old House Channel
Shoal
Davis Slough
CAUTION
Davis Slough is subject to
continual change
Eagles Nest
Bay
PEA ISLAND
Marsh
Jack Shoal
TOWER
Beach Slue
A
B
75°40'
75°30'
35°50'
35°40'
CHART 1229
Project Limits & Sheet Layout
Project OPR-433
Launch Party Beta, 1962

FORM C&GS-8352
(3-28-63)

NAUTICAL CHART DIVISION

RECORD OF APPLICATION TO CHARTS

FILE WITH DESCRIPTIVE REPORT OF SURVEY NO. H-8765

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
1109	5/13/65	Scarcella	~~Full~~ Part Before ~~After~~ Verification Review Inspection Signed Via
			Drawing No.
1229	9/28/65	J. W. Eaton	~~Full~~ Exam Part Before ~~After~~ Verification Review Inspection Signed Via
			Drawing No. No Cart Corr. BS previously fully appl'd.
129-SC	12/1/1966	Jeanette O'Connor	Full [redacted] Before [redacted] Verification Review Inspection Signed Via
"	10-8-68	Dikeman	Drawing No. Exam.
12204	3/9/88	P. Johnson	Full [redacted] Before Verification Review Inspection Signed Via
			Drawing No. 44 Consid - Adequate fully appl'd
12205 B	2-20-90	E. SPENCER	Full Part Before After Verification Review Inspection Signed Via
			Drawing No. 21 CONSIDER ADEQUATELY APPLIED - NO FURTHER COR.
12204	5-2-91	L. Ackerman	Full ~~Part~~ Before ~~After~~ Verification Review Inspection Signed Via
			Drawing No. 46 considered Adequately Applied
12200	2/2/93	L. Ackerman	Full ~~Part~~ Before ~~After~~ Verification Review Inspection Signed Via
			Drawing No. 54 Re-examined, No further application Necessary.
			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