

FE 90

Diagram No. 1007-2 & 1115-2

NOAA FORM 76-35A

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

DESCRIPTIVE REPORT  
(HYDROGRAPHIC)

Type of Survey ... Field Examination  
Field No. .... HY-16150  
Office No. .... FE-90

LOCALITY

State ..... Alabama  
General Locality .. Gulf of Mexico  
Locality ..... Off Mobile Bay

19 50

CHIEF OF PARTY  
G.L. Anderson

LIBRARY & ARCHIVES

DATE ..... January 23, 1951

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

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

FE No.8 1950

90  
FE



# FENo.8 1950

FE-90

Diag. No. 1007-2 & 1115-2

Form 504

U. S. COAST AND GEODETIC SURVEY  
DEPARTMENT OF COMMERCE

## DESCRIPTIVE REPORT

Type of Survey HYDROGRAPHIC

Field No. HY-16150 Office No. F.E.No.8,1950

### LOCALITY

State ALABAMA

General locality Gulf of Mexico

Locality Off Mobile Bay

194 50

CHIEF OF PARTY

G. L. Anderson

LIBRARY & ARCHIVES

DATE Jan.23,1951

B-1870-1 (1)

FENo.8  
1950



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-6548~~ F.E. No. 8, 1950

Field No. HY-16150

State Alabama

General locality Gulf of Mexico

Locality Off Mobile Bay

Scale 1:160,000 Date of survey 28 October thru 11 December 1950

Instructions dated 19 September 1950

Vessel HYDROGRAPHER

Chief of party George L. Anderson

Surveyed by Ship's Officers

Soundings taken by fathometer, graphic recorder, hand lead, wire

Fathograms scaled by Various personnel under officer supervision

Fathograms checked by Various personnel under officer supervision

Protracted by -----

Soundings penciled by -----

Soundings in fathoms feet at MLW MLW

REMARKS: Offshore survey - positioned entirely by E.P.I. System



ADDENDA TO  
DESCRIPTIVE REPORT  
TO ACCOMPANY

HYDROGRAPHIC SURVEY ~~H-6548~~ <sup>FE.No.8,1950</sup>

Scale 1:160,000

Ship HYDROGRAPHER

28 Oct. thru 11 Dec.

George L. Anderson, Comdr., USC&GS

Chief of Party

A. This survey was for further development of the submarine slope in approximate Latitude  $28^{\circ} 45'$ , Longitude  $87^{\circ} 35'$  under instructions from the Director dated 19 September 1950; reference 22-rcc, S-1-HY. ✓

A copy of Chart 1007 showing the line run in complying with paragraph five of Supplemental Instructions for Project CS 328 dated 1 September 1950; reference 22/MEK, S-2-HY together with applicable data is also submitted with this survey. Please refer to the Commanding Officer's letter dated 21 December 1950 in reference to the Maximum Range for the EPI Equipment. ✓

B. The boat sheet for Survey ~~H-6548~~ <sup>FE.No.8,1950</sup> was prepared in the Washington Office and forwarded to this party with the desired sounding lines indicated. In addition on 9 December a cross line was carried across the sheet when paragraph five of the Supplemental Instructions dated 1 September 1950 was complied with. ✓

C. Standard procedures for sounding with fathometers was followed. The soundings recorded when sounding with the Type NMC-1 Fathometer are from reading the visual red light. Control of the sounding lines was exclusively by EPI methods. Tables showing values for velocity correctors, instrumental correctors, and EPI correctors are a part of ✓



this report. All correctors except the tide reducers have been entered and checked. It is requested that these be obtained from the Tide Division and the records completed in the Washington Office.

*J. E. Waugh*  
J. E. WAUGH  
LCDR., USC&GS

Approved & Forwarded:

*George L. Anderson*  
George L. Anderson  
Commander, USC&GS  
Commanding Ship HYDROGRAPHER



STATISTICS FOR HYDROGRAPHIC SURVEY H-6548

Ship HYDROGRAPHER

Volume Number	Day Letter	Date 1950	Number of Positions	Statute Miles of Sounding
1	A	28 Oct.	12	20.7
1	B	29 Oct.	105	199.9
1	C	30 Oct.	12	22.5
1	D	9 Dec.	40	72.8
Total			169	315.9

CHART 1007

1	A	9 Dec.	82	158.6
1	B	10 Dec.	No statistics - see record	
1	C	11 Dec.	44	85.1
Total			126	243.7



### VELOCITY CORRECTIONS

For Type 808 J Depth Recorder - Velocity of sound 820 fathoms per second

NOTE: ALL corrections additive unless otherwise indicated.

SURVEYS: H-7793 (10948); H-7820 (10848); H-7821 (20149);  
H-7871 (10150).

PERIOD: 14 October through 30 November 1950.

FEET			FATHOMS		
From	Depth To	Corrn.	From	Depth To	Corrn. (0.1)
0.0	23.0	0.0	7.0	8.8	0.1
23.5	46.0	0.5	8.9	13.4	0.2
46.5	69.0	1.0	13.5	18.0	0.3
69.5	91.5	1.5	18.1	22.5	0.4
92.0	114.5	2.0	22.6	27.2	0.5
115.0	137.0	2.5	27.3	31.5	0.6
137.5	158.5	3.0	31.6	36.2	0.7
159.0	162.0	3.5	36.3	41.2	0.8
			41.3	47.0	0.9
			47.1	53.0	1.0
			53.1	60.4	1.1
			60.5	69.2	1.2
			69.3	79.0	1.3
			79.1	92.0	1.4
			92.1	160.0	1.5

FATHOMS			FATHOMS		
From	Depth To	Corrn. (0.2)	From	Depth To	Corrn. (0.5)
0.0	8.8	0.0	0.0	19.0	0.0
8.9	18.0	0.2	19.1	42.5	0.5
18.1	27.2	0.4	42.6	82.0	1.0
27.3	36.2	0.6	82.1	160.0	1.5
36.3	47.0	0.8			
47.1	60.4	1.0			
60.5	79.0	1.2			
79.1	160.0	1.4			



### VELOCITY CORRECTIONS

For Type 803 J Depth Recorder - Velocity of sound 320 fathoms per second

NOTE: ALL corrections additive unless otherwise indicated

SURVEYS: H-7723 (10148); H-7818 (10248); H-7792 (10648);  
H-7820 (10848); H-7793 (10948); H-7821 (20149); Chart 1007.

PERIOD: 6 December through 15 December 1950

FEET			FATHOMS		
From	Depth To	Corrn.	From	Depth To	Corrn. (0.1)
00.0	27.5	0.0	7.0	11.5	0.1
28.0	59.0	0.5	11.6	17.5	0.2
59.5	90.0	1.0	17.6	23.5	0.3
90.5	121.5	1.5	23.6	29.0	0.4
122.0	150.5	2.0	29.1	34.8	0.5
151.0	162.0	2.5	34.9	40.4	0.6
			40.5	46.2	0.7
			46.3	52.2	0.8
			52.3	59.0	0.9
			59.1	67.5	1.0
			67.6	77.0	1.1
			77.1	88.0	1.2
			88.1	101.5	1.3
			101.6	121.0	1.2
			121.1	140.0	1.1

FATHOMS			FATHOMS		
From	Depth To	Corrn. (0.2)	From	Depth To	Corrn. (0.5)
0.0	11.5	0.0	0.0	25.0	0.0
11.6	23.5	0.2	25.1	54.0	0.5
23.6	34.8	0.4	54.1	160.0	1.0
34.9	46.2	0.6			
46.3	59.0	0.8			
59.1	77.0	1.0			
77.1	101.0	1.2			
101.1	120.0	1.0			



### VELOCITY CORRECTIONS

For Type NRG-1 Depth Recorder - Velocity of sound 800 fathoms per second

NOTE: ALL corrections additive unless otherwise indicated

SURVEYS: H-6548; H-7871 (10130); H-7821 (20149); H-7872 (20150);  
H-7873 (20250)

PERIOD: 14 October through 30 November 1950

FATHOMS			FATHOMS			FATHOMS		
Depth From	To	Corrn. (0.5)	Depth From	To	Corrn. (0.5)	Depth From	To	Corrn. (0.5)
100	115	4.0	877	898	18.5	1411	1426	33.0
116	135	4.5	899	920	19.0	1427	1440	33.5
136	158	5.0	921	942	19.5	1441	1454	34.0
159	181	5.5	943	964	20.0	1455	1468	34.5
182	194	6.0	965	988	20.5	1469	1482	35.0
195	215	6.5	989	1008	21.0	1483	1496	35.5
216	242	7.0	1009	1026	21.5	1497	1510	36.0
243	272	7.5	1027	1046	22.0	1511	1524	36.5
273	302	8.0	1047	1066	22.5	1525	1540	37.0
303	332	8.5	1067	1084	23.0	1541	1554	37.5
333	362	9.0	1085	1102	23.5	1555	1566	38.0
363	400	9.5	1103	1120	24.0	1567	1580	38.5
401	425	10.0	1121	1140	24.5	1581	1594	39.0
426	462	10.5	1141	1160	25.0	1595	1608	39.5
463	500	11.0	1161	1180	25.5	1609	1620	40.0
501	526	11.5	1181	1200	26.0	1621	1632	40.5
527	570	12.0	1201	1216	26.5	1633	1644	41.0
571	600	12.5	1217	1232	27.0	1645	1656	41.5
601	628	13.0	1233	1248	27.5	1657	1670	42.0
629	654	13.5	1249	1262	28.0	1671	1682	42.5
655	680	14.0	1263	1280	28.5	1683	1694	43.0
681	708	14.5	1281	1298	29.0	1695	1708	43.5
709	726	15.0	1299	1314	29.5	1709	1720	44.0
727	760	15.5	1315	1330	30.0	1721	1734	44.5
761	784	16.0	1331	1346	30.5	1735	1748	45.0
785	808	16.5	1347	1362	31.0	1749	1760	45.5
809	830	17.0	1363	1378	31.5	1761	1772	46.0
831	854	17.5	1379	1394	32.0	1773	1786	46.5
855	876	18.0	1395	1410	32.5	1787	1800	47.0



### VELOCITY CORRECTIONS

For Type MMC-1 Depth Recorder - Velocity of sound 800 fathoms per second

NOTE: ALL Corrections additive unless otherwise indicated

SURVEYS: H-6548; H-7821 (20149); H-7873 (20250); Chart 1007

PERIOD: 6 December through 15 December 1950

FATHOMS			FATHOMS			FATHOMS		
Depth From	To	Corrn. (0.5)	Depth From	To	Corrn. (0.5)	Depth From	To	Corrn. (0.5)
100	123	4.0	931	952	28.5	1445	1458	33.0
124	147	4.5	953	972	19.0	1459	1470	33.5
148	176	5.0	973	992	19.5	1471	1484	34.0
177	196	5.5	993	1010	20.0	1485	1500	34.5
197	222	6.0	1011	1030	20.5	1501	1514	35.0
223	260	6.5	1031	1050	21.0	1515	1528	35.5
261	295	7.0	1051	1070	21.5	1529	1542	36.0
296	330	7.5	1071	1088	22.0	1543	1556	36.5
331	368	8.0	1089	1106	22.5	1557	1570	37.0
369	403	8.5	1107	1124	23.0	1571	1584	37.5
404	440	9.0	1125	1142	23.5	1585	1596	38.0
441	474	9.5	1143	1160	24.0	1597	1610	38.5
475	508	10.0	1161	1180	24.5	1611	1622	39.0
509	544	10.5	1181	1200	25.0	1623	1636	39.5
545	576	11.0	1201	1218	25.5	1637	1650	40.0
577	606	11.5	1219	1234	26.0	1651	1662	40.5
607	634	12.0	1235	1250	26.5	1663	1674	41.0
635	662	12.5	1251	1264	27.0	1675	1686	41.5
663	690	13.0	1265	1282	27.5	1687	1700	42.0
691	716	13.5	1283	1300	28.0	1701	1712	42.5
717	740	14.0	1301	1316	28.5	1713	1724	43.0
741	764	14.5	1317	1332	29.0	1725	1736	43.5
765	790	15.0	1333	1350	29.5	1737	1750	44.0
791	814	15.5	1351	1366	30.0	1751	1762	44.5
815	836	16.0	1367	1382	30.5	1763	1776	45.0
837	860	16.5	1383	1398	31.0	1777	1788	45.5
861	884	17.0	1399	1414	31.5	1789	1800	46.0
885	908	17.5	1415	1428	32.0			
909	930	18.0	1429	1444	32.5			



INSTRUMENTAL CORRECTIONS

1950

Abstract of Instrumental Corrections including the correction for Settlement and Squat.

Surveys: Chart 1007; H-6548; H-7723 (10148); H-7749 (10548);  
 H-7792 (10648); H-7793 (10948); H-7818 (10248);  
 H-7819 (10748); H-7820 (10848); H-7821 (20149);  
 H-7871 (10150); H-7872 (20150); H-7873 (20250).

FOOT SCALES

Fath. No.	Date	Scales:	A	B	C	D
131 SG	2 - 27 May	Speed:	120 RPM and over			
		Corrn:	- 0.5	- 0.5	+ 2.0	+ 4.0
		Speed:	106 RPM to 119 RPM incl.			
		Corrn:	- 1.0	- 1.0	+ 1.5	+ 3.5
		Speed:	105 RPM and under			
		Corrn:	- 1.5	- 1.5	+ 1.0	+ 3.0

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5 June - 15 December	Speed:	120 RPM and over			
	Corrn:	0.0	+ 0.5	+ 2.5	+ 4.5
	Speed:	106 RPM to 119 RPM incl.			
	Corrn:	- 0.5	0.0	+ 2.0	+ 4.0
	Speed:	105 RPM and under			
	Corrn:	- 1.0	- 0.5	+ 1.5	+ 3.5

FATHOM SCALES

131 SG	2 - 27 May	CORRECTORS TO 0.1 FATHOM				
		Speed:	108 RPM and over			
		Corrn:	- 0.1	- 0.7	+ 1.9	+ 4.0
		Speed:	107 RPM and under			
		Corrn:	- 0.2	- 0.8	+ 1.8	+ 3.9
		CORRECTORS TO 0.2 FATHOM				
		Speed:	All speeds			
		Corrn:	- 0.2	- 0.8	+ 1.8	+ 3.8

Comp: JEW  
 CK: NET  
 WRK

FATHOM SCALES

Fath. No.	Date	Scales:	A	B	C	D
131 SG	2 - 27 May		CORRECTORS TO 0.5 FATHOM			
		Speed: All speeds				
	Corrn:	- 0.5	- 1.0	+ 2.0	+ 3.5	
	5 June		CORRECTORS TO 0.1 FATHOM			
15 December	Speed: 108 RPM and over					
	Corrn:	- 0.1	+ 0.4	+ 2.4	+ 4.3	
		Speed: 107 RPM and under				
		Corrn:	- 0.2	+ 0.3	+ 2.3	+ 4.2
			CORRECTORS TO 0.2 FATHOM			
		Speed: All Speeds				
		Corrn:	- 0.2	+ 0.2	+ 2.2	+ 4.2
			CORRECTORS TO 0.5 FATHOM			
		Speed: All speeds				
		Corrn:	- 0.5	0.0	+ 2.0	+ 4.0

FOOT SCALES

132 SG	2 May - 0231 19 May	Speed: 120 RPM and over				
		Corrn:	- 0.5	- 1.5	0.0	+ 1.5
		Speed: 106 RPM to 119 RPM incl.				
		Corrn:	- 1.0	- 2.0	- 0.5	+ 1.0
		Speed: 105 RPM and under				
		Corrn:	- 1.5	- 2.5	- 1.0	+ 0.5
0232 0952	19 May - 19 May	Speed: 120 RPM and over				
		Corrn:	+ 1.0	+ 8.0		
		Speed: 106 RPM to 119 RPM incl.				
		Corrn:	+ 0.5	+ 7.5		
		Speed: 105 RPM and under				
		Corrn:	0.0	+ 7.0		

Comp: JEW  
 Cks: NET  
 WRK



FOOT SCALES

Fath. No.	Date	Scales:	A	B	C	D
132 SG	1210 19 May- 20 September	Speed:	120 RPM and over			
		Corrn:	+ 0.5	- 0.5	+ 0.5	+ 2.5
		Speed:	106 RPM to 119 RPM incl.			
		Corrn:	0.0	- 1.0	0.0	+ 2.0
		Speed:	105 RPM and under			
		Corrn:	- 0.5	- 1.5	- 0.5	+ 1.5
<hr/>						
23 September 15 December		Speed:	120 RPM and over			
		Corrn:	0.0	- 0.5	0.0	+ 2.0
		Speed:	106 RPM to 119 RPM incl.			
		Corrn:	- 0.5	- 1.0	- 0.5	+ 1.5
		Speed:	105 RPM and under			
		Corrn:	- 1.0	- 1.5	- 1.0	+ 1.0

FATHOM SCALE

2 May - 0231 19 May	CORRECTORS TO 0.1 FATHOM				
	Speed:	106 RPM and over			
	Corrn:	0.0	- 1.0	0.0	+ 1.8
	Speed:	107 RPM and under			
	Corrn:	- 0.1	- 1.1	- 0.1	+ 1.7
<hr/>					
1210 19 May - 20 September	CORRECTORS TO 0.1 FATHOM				
	Speed:	108 RPM and over			
	Corrn:	0.0	- 0.7	+ 0.2	+ 1.7
	Speed:	107 RPM and under			
	Corrn:	- 0.1	- 0.8	+ 0.1	+ 1.6
	CORRECTORS TO 0.2 FATHOM				
	Speed:	All Speeds			
	Corrn:	- 0.2	- 0.8	0.0	+ 1.6
	CORRECTORS TO 0.5 FATHOM				
	Speed:	All speeds			
	Corrn:	0.0	- 1.0	0.0	+ 1.5

Comp: JEW  
Ck: NET  
WRK

FATHOM SCALE

Fath. No.	Date	Scales:	A	B	C	D
132 8G	29 September					
	15 December	Speed:	CORRECTORS TO 0.1 FATHOM			
		Corrn:	103 RPM and over			
			+ 0.1	- 0.3	+ 1.3	+ 3.1
		Speed:	CORRECTORS TO 0.1 FATHOM			
		Corrn:	107 RPM and under			
			0.0	- 0.4	+ 1.4 <sup>2</sup>	+ 3.2 <sup>0</sup>
		Speed:	CORRECTORS TO 0.2 FATHOM			
		Corrn:	All speeds			
			0.0	- 0.4	+ 1.2	+ 3.0
		Speed:	CORRECTORS TO 0.5 FATHOM			
		Corrn:	All speeds			
			0.0	- 0.5	+ 1.0	+ 3.0
<hr/>						
205 (HMC-1) Visual & Chart	2 May - 15 December	Speed:	CORRECTORS TO 0.5 FATHOM			
		Corrn:	All Speeds			
			All Scales: 0.0			

Comp: JEN  
Ck: NRE



BPX FINAL CORRECTIONS

(Sheet No. 5)

SEASON 1950

SNIP HYDROGRAPHER

G.L. ANDERSON, COMMANDING

From	To	Corr. C	Remarks	From	To	Corr. D	Remarks
Oct. 4 1100	Oct. 6 1200	-1.8		Oct. 4 1100	Oct. 6 0600	-1.6	
Oct. 6 1201	Oct. 7 1100	-1.6		Oct. 6 0601	Oct. 10 0600	-1.8	
Oct. 7 1101	Oct. 8 1200	-1.4		Oct. 10 0601	Oct. 13 1300	-1.6	
Oct. 8 1201	Oct. 9 2300	-1.2					
Oct. 9 2301	Oct. 11 1200	-1.0					
Oct. 11 1201	Oct. 13 0000	-0.8					
Oct. 13 0001	Oct. 13 1300	-0.6					
Oct. 24 1130	Nov. 3 1200	-0.4		Oct. 24 1130	Nov. 3 1200	-1.6	
Nov. 8 1200	Nov. 9 1100	-0.6		Nov. 8 1200	Nov. 10 0500	-1.6	
Nov. 9 1101	Nov. 10 1100	-0.8		Nov. 10 0501	Nov. 10 2000	-1.8	
Nov. 10 1101	Nov. 11 1400	-1.0		Nov. 10 2001	Nov. 11 1600	-2.0	
Nov. 11 1401	Nov. 13 0000	-1.2		Nov. 11 1801	Nov. 12 0200	-1.8	
Nov. 13 0001	Nov. 16 1400	-1.0		Nov. 12 0201	Nov. 12 1000	-1.6	
				Nov. 12 1001	Nov. 13 1200	-1.4	
				Nov. 13 1201	Nov. 16 1400	-1.6	

Comp: JPL  
Chk: GCE

WIND FINAL CORRECTIONS

(Sheet No. 6)

SEASON 1950

SHIP HYDROGRAPHER

G.S. ANDERSON, COMMANDING

From	To	Corr. C	Remarks	From	To	Corr. D	Remarks
Nov. 24 1200	Nov. 25 1200	-1.4		Nov. 24 1200	Nov. 25 0600	-2.0	
Nov. 25 1201	Nov. 28 1200	-1.6		Nov. 25 0601	Nov. 27 0200	-1.8	
Nov. 28 1201	Nov. 29 0600	-1.4		Nov. 27 0201	Nov. 30 1300	-1.6	
Nov. 29 0601	Nov. 30 0000	-1.2					
Nov. 30 0001	Nov. 30 1300	-1.0					
Dec. 6 1200	Dec. 6 1600	-0.4		Dec. 6 1200	Dec. 6 2000	-2.2	
Dec. 6 1601	Dec. 6 2100	-0.6		Dec. 6 2001	Dec. 7 0800	-2.0	
Dec. 6 2101	Dec. 7 0300	-0.8		Dec. 7 0801	Dec. 7 1600	-1.8	
Dec. 7 0301	Dec. 7 0800	-1.0		Dec. 7 1601	Dec. 14 1800	-1.6	
Dec. 7 0801	Dec. 7 1400	-1.2					
Dec. 7 1401	Dec. 7 1700	-1.4					
Dec. 7 1901	Dec. 8 0100	-1.6					
Dec. 8 0101	Dec. 8 0600	-1.8					
Dec. 8 0601	Dec. 8 1400	-2.0					
Dec. 8 1401	Dec. 9 0500	-1.8					
Dec. 9 0501	Dec. 9 2100	-1.6					
Dec. 9 2101	Dec. 10 1100	-1.4					
Dec. 10 1101	Dec. 11 0300	-1.2					
Dec. 11 0301	Dec. 11 1800	-1.0					
Dec. 11 1801	Dec. 12 1000	-0.8					

Comp: JFL  
Chk: GZ



## EPI FINAL CORRECTIONS

(Sheet No. 7)

SEASON 1950

SHIP HYDROGRAPHER

G.L. ANDERSON, COMMANDING

From	To	Corr. CG	Remarks
Dec. 12 1001	Dec. 13 0200	-0.6	
Dec. 13 0201	Dec. 13 2100	-0.4	
Dec. 13 2102	Dec. 14 1800	-0.6	

Comps: JPL  
Chks: GCM

Hydrographic Surveys (Chart Division)

HYDROGRAPHIC SURVEY NO. F.E.No.8,1950

Records accompanying survey;

Boat sheets ..1...; sounding vols. 2.2...; wire drag vols. ....; bomb vols. ....; graphic recorder rolls ..3eny; special reports, etc. 1.E.P.I. plotting abstracts ..... 1. Copy of Chart 1007 (cut and attached), smooth-plot tracing attached

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

Number of positions on sheet .....
Number of positions checked .....
Number of positions revised .....
Number of soundings revised (refers to depth only) .....
Number of soundings erroneously spaced .....
Number of signals erroneously plotted or transferred .....
Topographic details Time .....
Junctions Time .....
Verification of soundings from graphic record Time .....

Smooth plot and Verification by J. F. Jordan Total time ...18.. Date 6-5-51

Reviewed by J. F. Jordan Time ...2.. Date 6-6-51



Nautical Chart Branch

Hydrographic Section

REVIEW OF FIELD EXAMINATION NO. 8, 1950

The purpose of this field examination was to obtain additional hydrography in the axis of the valley falling at the junction of H-6548 (1940) with H-7604 (1947-49) and H-7603 (1947-49).

The hydrography filled a 6-mile gap between 800- and 1300-fm. depths, enabling adequate delineation of 100-fm. interval depth curves. Most of the examination falls within the limits of H-6548 and is shown thereon. One line of soundings falls on H-7604 and adds to the information on that survey.

Additional recorded soundings obtained on the lines run north from H-7873 and return were not plotted. These soundings are on relatively flat bottom adequately delineated by H-6548 and H-7604.

Additional hydrography obtained during the EPI maximum range test accompanies this examination but has not been smooth-plotted, except between positions 16-D and 26-D which fall within the limits of the field examination.

The field examination is plotted on the attached overlay of the boat sheet. The EPI arcs from stations Cedar Keys and Venice are omitted on the overlay tracing.

It is noted as a matter of record that 10 fms. was added in this office to the recorded red-light soundings between positions 16-B and 19-B, and 20-fms. was added after position 86-B to bring agreement with the graphic record and prior hydrography in the relatively flat bottom area.

6 June 1951

G. F. Jordan

Inspected by: R. H. Carstens

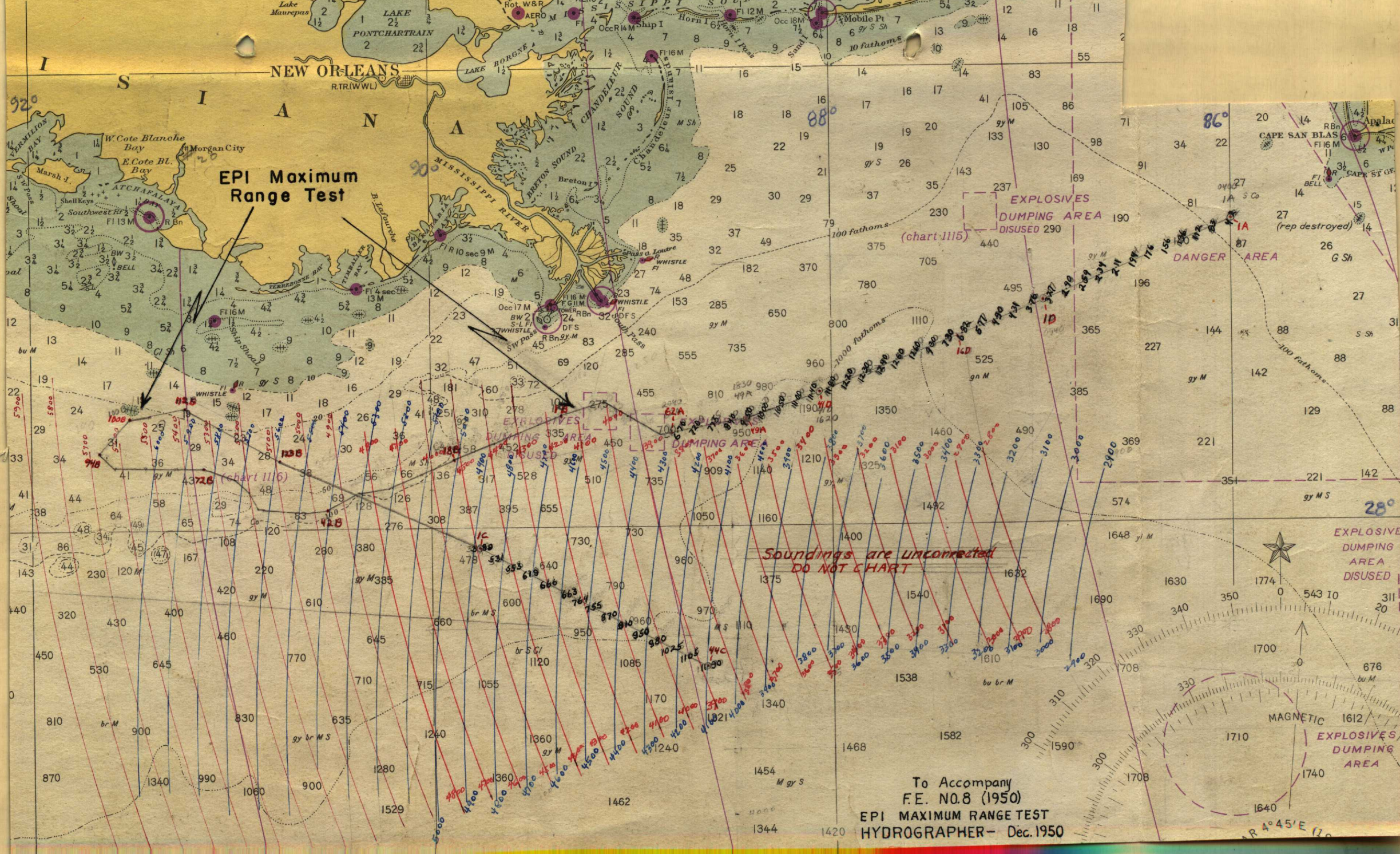






NEW ORLEANS

EPI Maximum Range Test



To Accompany  
F.E. NO.8 (1950)  
EPI MAXIMUM RANGE TEST  
HYDROGRAPHER - Dec. 1950

Soundings are uncorrected  
DO NOT CHART

EXPLOSIVES  
DUMPING AREA  
DISUSED

EXPLOSIVES  
DUMPING AREA  
DISUSED 290

DANGER AREA

EXPLOSIVES  
DUMPING AREA  
DISUSED

EXPLOSIVES  
DUMPING AREA

MAGNETIC

R 4° 45' E



