

7025

7025

Form 504	
U. S. COAST AND GEODETIC SURVEY DEPARTMENT OF COMMERCE	
DESCRIPTIVE REPORT	
Type of Survey	HYDROGRAPHIC
Field No.	GI-1145
Office No.	H-7025
LOCALITY	
State	VIRGINIA
General locality	James River
Locality	Fort Eustis
194 5	
CHIEF OF PARTY	
I. E. Rittenburg and Ronald R. Moore	
LIBRARY & ARCHIVES	
DATE	MAY 8 1945

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

H7025

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-7025

Field No. GI-1145

State VIRGINIA

General locality James River

Locality Fort Eustis

Scale 1:10,000 Date of survey March 7 to April 12, 1945

Instructions dated October 11, 1940; Nov. 17, 1942; Feb. 13, 1945; Feb. 15, 1945.

Vessel Motor Vessel GILBERT

Chief of party I. E. Rittenburg and Ronald R. Moore

Surveyed by Miller J. Tonkel

Soundings taken by ~~ixhooxex~~ graphic recorder, hand lead, ~~schoc~~

Protracted by M.T. Miller

Soundings penciled by M.T. Miller & J. Curd

Soundings in ~~ixhooxex~~ feet at MLW ~~MLW~~

REMARKS: This sheet was processed at the S.E. District, Norfolk, Va.

Hydrographic Section.

DESCRIPTIVE REPORT

TO ACCOMPANY

HYDROGRAPHIC SURVEY H-7025

(Field No. GI-1145)

M. V. GILBERT

I. E. Rittenburg, COMDG.
Ronald R. Moore, COMDG.

PROJECT CS-255

SCALE 1:10,000.

A. ---- This survey is part of Project CS-255. It was executed under instructions from the Director to the Commanding Officer, M. V. GILBERT, dated October 11, 1940, reference 22mjc - 1995 GI-1; as amended on November 17, 1942, reference 22 RCG - 1995 GI-1; as amended on February 13, 1945, reference 22/MEK 1975 NK 4; as amended February 15, 1945, reference 22/MEK 1975 NK 4.

B. ---- This survey is of the area between Deep Water Shoals Light and bell buoy No. 24 marking the northern entrance to Rocklanding Shoal Channel, and between the eastern shore and the 18-foot depth curve at the western edge of the main river channel of James River. This survey did not join with any recent survey of the area. The field work on this sheet was accomplished between March 7, 1945 and April 12, 1945.

C. ---- The work was accomplished by using launches 101 and 102 as the sounding vessels on the channel areas and by using a 25 foot skiff, propelled by outboard motors as the sounding vessel on the shoal areas. The party operated from the M. V. GILBERT which was anchored on the working grounds.

A type 808A Submarine Signal Depth Recorder (No. 53) was used for all the soundings, except for some of the detached positions when an accurately graduated lead line was used.

D. ---- The tide station was on the offshore end of the pier at Fort Eustis, Va. in Latitude $37^{\circ} 08.20'$, Longitude $76^{\circ} 38.02'$. No time or height corrections should be applied to the observed tides. The soundings on the boat sheet were reduced in part from the predicted tides for Hampton Roads (Sewell Point), Virginia and in part from the observed tides using 2.78 feet MLW as was computed. A time correction of plus three hours and five minutes; and a minus 0.4 foot on high water were used on the predicted Hampton Roads tides. The actual tides differed somewhat from the predicted tides due to varying wind conditions. The value of 2.78 feet for MLW was computed from the difference between the staff 9.0 foot mark and the elevation of the bench marks with reference to the MLW computed against the same bench marks at an earlier date. (See letter from the Washington Office, reference mlh - 2-13-45)

F. ---- The triangulation control for this sheet was accomplished by H. E. Finnegan in 1938. Stations were found as described. No recovery cards were submitted.

The topographic stations were located by air photographic methods, Fred. L. Peacock, Chief of Party, in 1942. Sheet Nos. T-8059, 8060, 8069, and 8070 were used for the source of signals on this survey. It was necessary to supplement these signals by hydrographic signals. The hydrographic signals were located by sextant fixes at the signal and by cuts from adjacent topographic signals and triangulation stations. The location of these signals will be found in volume one, except for signal SAD, in volume three.

✓ || 62

G. ---- The shore line and topographic detail on this sheet was transferred from sheet nos. T-8059, 8060, 8069, and 8070 - (1942). The shore line detail as compiled was found correct. ✓ 1281

The low water line was defined where sufficient tide and open water permitted. It was impossible to get the boat in close enough to the beach for the most part of this work, due to the tree stumps and old pilings. ✓

H. ---- All depths, except for two detached soundings with hand lead, were taken with a type 808A Depth Recorder. The echo soundings were corrected for bar checks taken to the deepest depth sounded for any period, except for f-day (skiff) April 12 when two lines extend into previous work of deeper depth. On this day the bar check curve was extended to include the deeper depths obtained. The recorder was operated with the middle reed vibrating. The speed was checked against time signals as sent out by radio station WWV, Bureau of Standards, Washington, D. C. The speed was found to be in error less than 0.4 of 1%. ✓

The launches were tested for settlement and squat. The mean value as determined was plus 0.26 feet. Plus 0.2 feet was entered into the final corrections. The skiff had been tested previously and the mean values were not large enough to enter into the final corrections. A list of the corrections used are attached to this report in addition to the original bar check curves from which these correctors were computed. ✓

There was no initial correction except for a-day (Skiff) April 5. The initial corrections for this day were computed and are shown with the bar check corrections for the same day. ✓

I. ---- The horizontal control was by sextant angles on the triangulation, topographic, and hydrographic points located as described in E above. No signals on the west shore of the James River were used. A list of signals used will be included in this report. ✓

J. — The survey is complete and adequate to supersede prior surveys for charting. There was no junction made with recent surveys. No holidays or excessive differences exist between soundings obtained on this survey and those of Chart 529, except as noted below. The depth curves compare favorably with those of chart 529. There seemed to be shoaling in the area immediately south of the pier.

There was no signs of a dredged area near the pier (reference 22/MEK 1975 NK 4 - letter dated 13 February 1945) and no 15 meter lines were run on this work. Area had not been dredged at time of survey. Maritime Commission's request for survey had in mind the possibility of dredging.

K. — The percentage of crosslines (exclusive of development) is 8.7%. The average crossing is satisfactory on the boat sheet. The tide reducers as computed from the actual tide will eliminate a large percentage of the slight differences. In case of any remaining differences, the shoal soundings should be charted in all cases.

L. — Comparison with previous surveys. No prior surveys available for comparison. See paragraph "J" above.

M. — On one cross line, vicinity of Latitude $37^{\circ} 07.5'$, Longitude $76^{\circ} 38.2'$, a depth of 24 feet was obtained on a sharp pinnacle in a surrounding average depth of 36 feet. This spot was developed thoroughly and two soundings which reduced to 23 feet and one which reduced to 25 feet were obtained. Because of the sharpness of the shoal spot and the difficulty of holding skiff on the spot due to wind and current, no results could be obtained with the hand lead. As this spot is near the edge of the channel, it is recommended that the shoalest depth be charted as a danger to navigation.

N. --- There were no signs of the piles as charted in Latitude 37° 07.1', Longitude 76° 37.95', or the wreck as charted in Latitude 37° 07.85', Longitude 76° 37.95'. A sunken steel boiler, possibly the remains of a wreck was found south of the offshore end of the pier in Latitude 37° 08.1', Longitude 76° 37.98'. It bares 1.5 feet at MLW. (See paragraph M.) ✓

The locations of numerous fish stakes, fish traps, and various sunken snags were located by sextant fixes and plotted on the boat sheet. ✓

P. --- The Deep Water Shoal Light was the only fixed aid to navigation in this area. It was one of the triangulation control points of the work. ✓

FLOATING AIDS TO NAVIGATION

Name	Latitude Longitude	Depth of water - ft.	Position No.	Date
James River Buoy #23	37° 07.08' 76° 38.27'	38	31-e (Launch 102)	3-29-45 ✓
James River Lt. Bell # 24	37° 07.18' 76° 38.22'	32	32-e (Launch 102)	3-29-45 ✓

Q. --- The landmarks as reported by the field inspection party and indicated on the compilations were found to be adequate. ✓

R. --- The Geographic Names as reported by the field inspection party were found to be adequate

Miller J. Tonkel
Miller J. Tonkel
Ensign, USC&GS.

H7025

STATISTICS FOR HYDROGRAPHIC SURVEY H- (1945)

M. V. GILBERT'S Launches 101, 102, & Skiff.

<u>Volume Number</u>	<u>Day Letter</u>	<u>Boat Used</u>	<u>Date 1945</u>	<u>Number of Soundings</u>	<u>Number of Positions</u>	<u>Statute Miles Soundings</u>
1	a	Launch 101	3-20	*	110	12.8
1	b	Launch 101	3-23	*	68	10.0
1	c	Launch 102	3-27	*	79	11.8
2	d	Launch 102	3-28	*	166	23.6
2	e	Launch 102	3-29	2(HL)	135	17.9
3	a	Skiff	4- 5	*	99	9.3
3	b	Skiff	4- 6	*	80	7.6
3	c	Skiff	4- 9	*	4	0.2
3	d	Skiff	4-10	*	102	8.7
4	e	Skiff	4-11	*	165	17.3
4	f	Skiff	4-12	*	75	6.0
<u>Total</u>						<u>1083</u>
<u>2(HL)</u>						<u>125.2</u>

! 6 !

TOTAL AREA: 5.8 square statute miles

* - Indicates continuous profile with Depth Recorder.

- 7 -

TIDAL NOTE

A portable automatic tide gage was maintained at the off-shore end of the pier at Fort Eustis, Virginia in Latitude $37^{\circ} 08.20'$ Longitude $76^{\circ} 38.02'$ throughout the period of this survey. The value of 2.78 feet for MLW was computed from the difference between the staff 9.0 ft. mark and the elevation of the bench marks with reference to the MLW computed against the same bench marks at an earlier date. (See letter from the Washington Office - reference mlh - 2-13-45)
No time or height correction should be applied to the observed tides.

BAR CHECK CORRECTIONS FOR SHEET H- H7025

M. V. GILBERT (Skiff)

DATE(1945):	April 6	April 9	April 10	April 11	April 12	DATE(1945)
BOAT:	Skiff	Skiff	Skiff	Skiff	Skiff	BOAT
DAY:	b - day	c - day	d - day	e - day	f - day	DAY
	From	From	From	From	From	CORRECTIONS
	To	To	To	To	To	FEEET
	FEEET	FEEET	FEEET	FEEET	FEEET	
+0.6	0.0		3.5	3.4	1.0	+0.6
+0.4	8.4		4.5	4.4	3.0	+0.4
0.0	12.8	0.0	6.5	6.4	3.1 to 5.2	0.0
-0.2	--	10.2	21.3	21.2	8.7 to 16.0	5.9
-0.4		18.1	32.1	32.0	16.1 to --	5.8
						--
						-0.2
						-0.4

NOTE: On April 12, add +1.4 to all "B" scale soundings.
 (In addition to the above correctors.)

APPROVAL SHEET

No. H-

The records and boat sheet for survey No. GI-1145 are herewith approved. It should be borne in mind that this descriptive report was written prior to the plotting of the smooth sheet and is subject to revision, as indicated by the notes attached to this report by the Norfolk Processing Office.

The records and boat sheet were subjected to frequent inspections as the work progressed and I consider the survey complete and adequate and no other additional work is recommended.

Ronald R. Moore

Ronald R. Moore,
Lt. Comdr., USC&GS,
Chief of Party.

* SIGNALS USED *

M.V.GILBERT Project CS 255

Fert Eustis; JAMES RIVER, VA.

TRIANGULATION STATIONS

Deepwater Sheal Lighthouse, 1870, 1910, 1938.

Mulberry, (USE), 1930, 1938.

Tower Near "Crawford", Flagpole, ~~KRM~~ 1938.

Ulber, 1938.

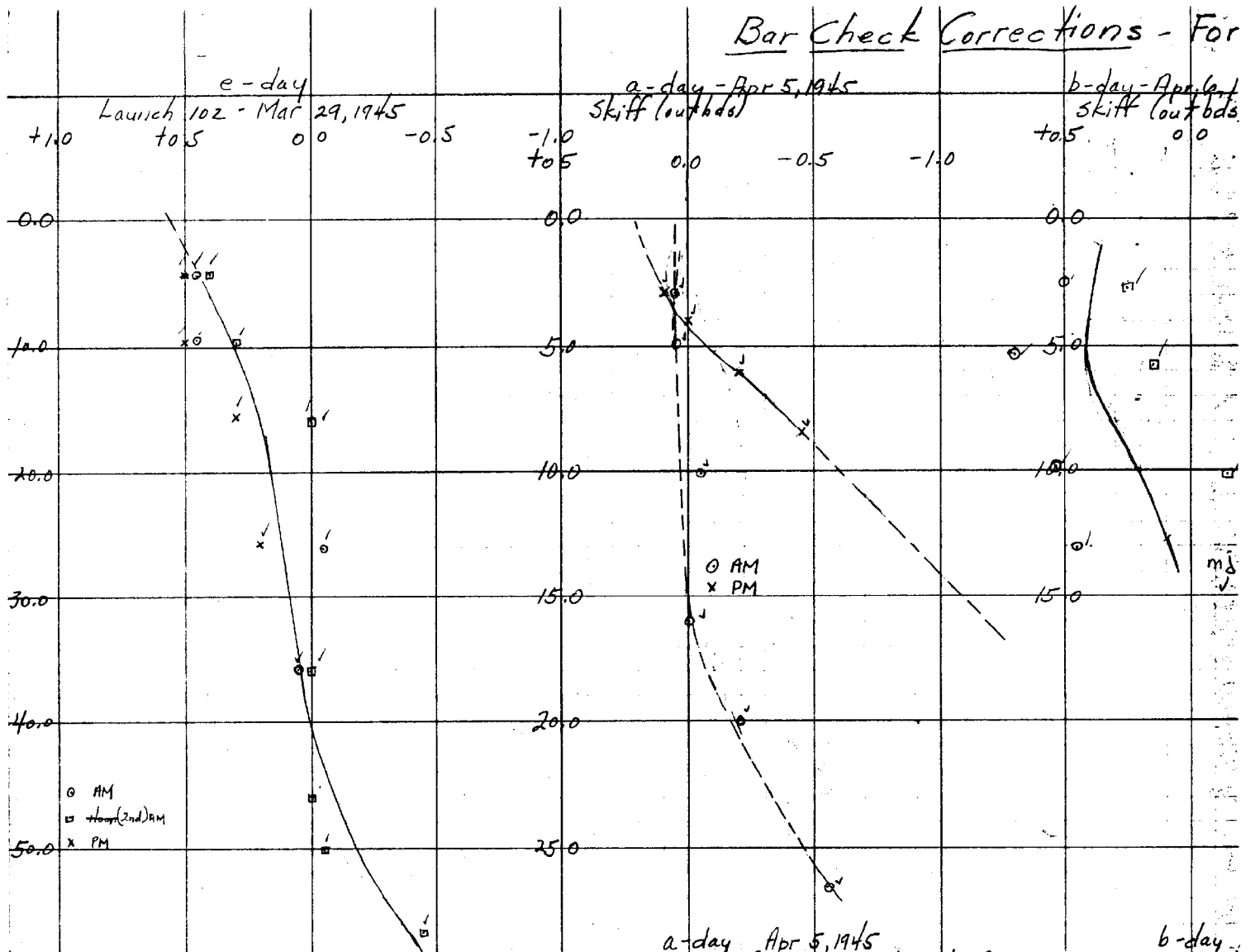
TOPOGRAPHIC STATIONS

DOT	from Air Photo Compilation Sheet	T-8060
EAT	" " " " "	T-8060
HOW	" " " " "	T-8059
ICE	" " " " "	T-8059
NAT	" " " " "	T-8059
OAK	" " " " "	T-8059

HYDROGRAPHIC STATIONS

EGO	from Volume No. 1, page 6
FAR	" " " 1, " 5
GAD	" " " 1, " 5
JIM	" " " 1, " 6
KED	" " " 1, " 6
MAN	" " " 1, " 5
PAD	" " " 1, " 6
SAD	" " " 3, " 66

Bar Check Corrections - For



e-day

Settlement & Squat -		+0.2	
From	To	Vel. Corr.	Tot. Corr.
2.3	2.2	+0.6'	+0.8'
10.1	10.0	+0.4'	+0.6'
28.1	28.0	+0.2'	+0.4'
46.4	46.3	0.0'	+0.2'
54.2	54.1	-0.2'	0.0'
63.0	63.0	-0.4'	-0.2'
		-0.6'	-0.4'

Add (+1.5) to "B" and "C" scale soundings.
(see record for e-day)
M.J.T.

a-day Apr 5, 1945
skiff

Time	Initial Corr.
1450	0.0
1500	Initial Corr. 0.0 to 1512
	-0.2 to 1545
	-0.4 to end of day.
1600	
1630	

b-day skiff

Velocity Corr.		
From	To	Vel. Corr.
0.0	18.7	0.0
AM Correction		
From (Tot.) Vel. Corr.		
0.0	8.3	
-8.4	12.7	
PM Correction		
From	To	Vel. Corr.
0.0	2.8	+0.2
2.9	5.3	0.0
5.4	7.0	-0.2
7.1	8.9	-0.4
9.0	11.0	-0.6
11.1	13.0	-0.8
13.1	15.2	-1.0
15.3		-1.2

v R.R.M.

s - Fort Eustis, Va. Project. 255

H7025

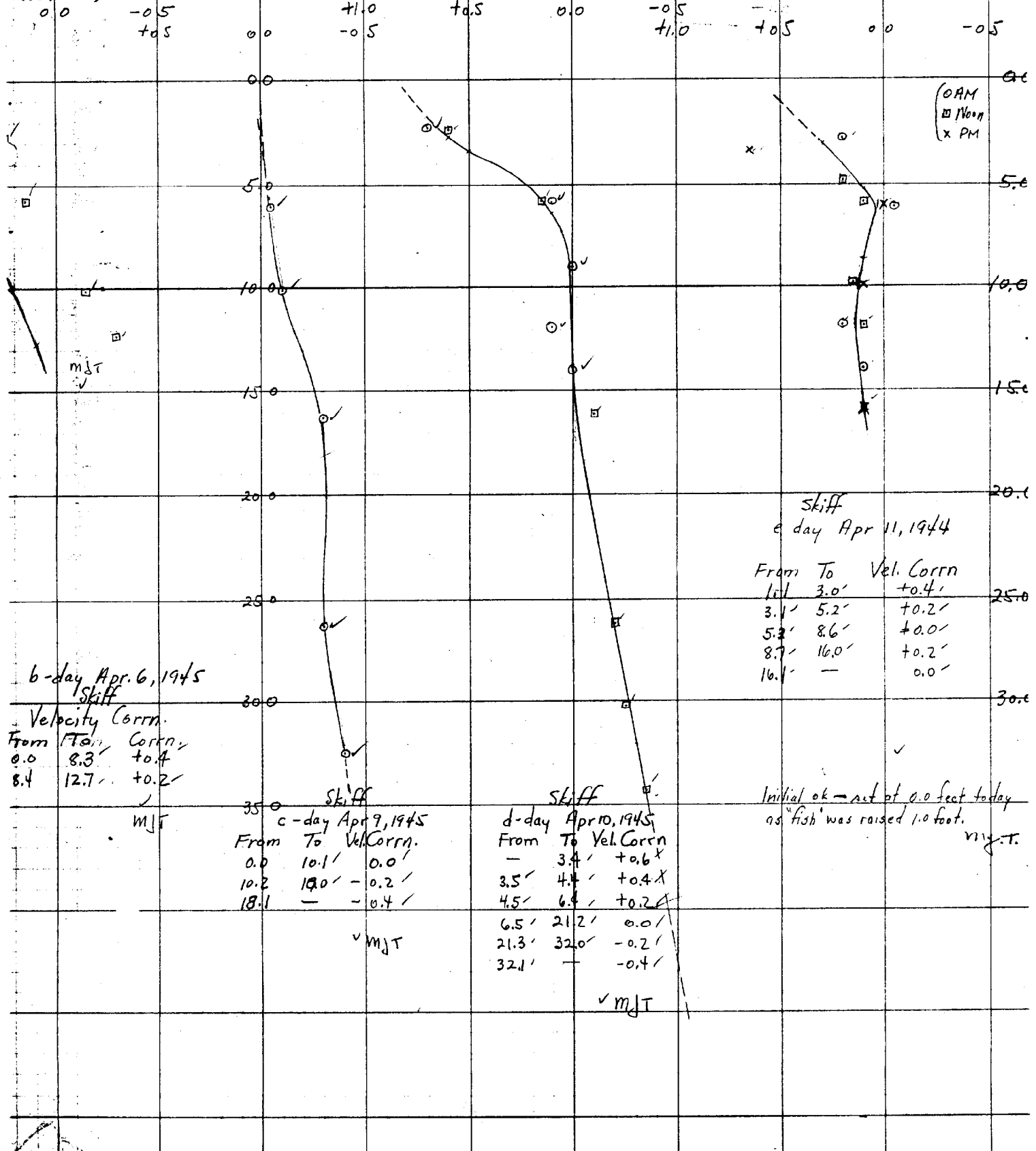
91-114

- Apr 6, 1945
(out bds)

c-day - Apr 9, 1945
Skiff

d-day Apr 10, 1945
Skiff

e-day Apr 11, 1945
Skiff



(O AM
□ Noon
x PM)

Skiff
e day Apr 11, 1944

From	To	Vel. Corr.
1.0'	3.0'	+0.4'
3.1'	5.2'	+0.2'
5.3'	8.6'	+0.0'
8.7'	16.0'	+0.2'
16.1'	-	0.0'

b-day Apr. 6, 1945
Skiff

Velocity Corr.

From	To	Corrn.
0.0	8.3	+0.4
8.4	12.7	+0.2

c-day Apr 9, 1945
From To Vel. Corr.

0.0	10.1'	0.0'
10.2	19.0'	-0.2'
18.1	-	-0.4'

d-day Apr 10, 1945
From To Vel. Corr.

-	3.4'	+0.6'
3.5'	4.4'	+0.4'
4.5'	6.4'	+0.2'
6.5'	21.2'	0.0'
21.3'	32.0'	-0.2'
32.1'	-	-0.4'

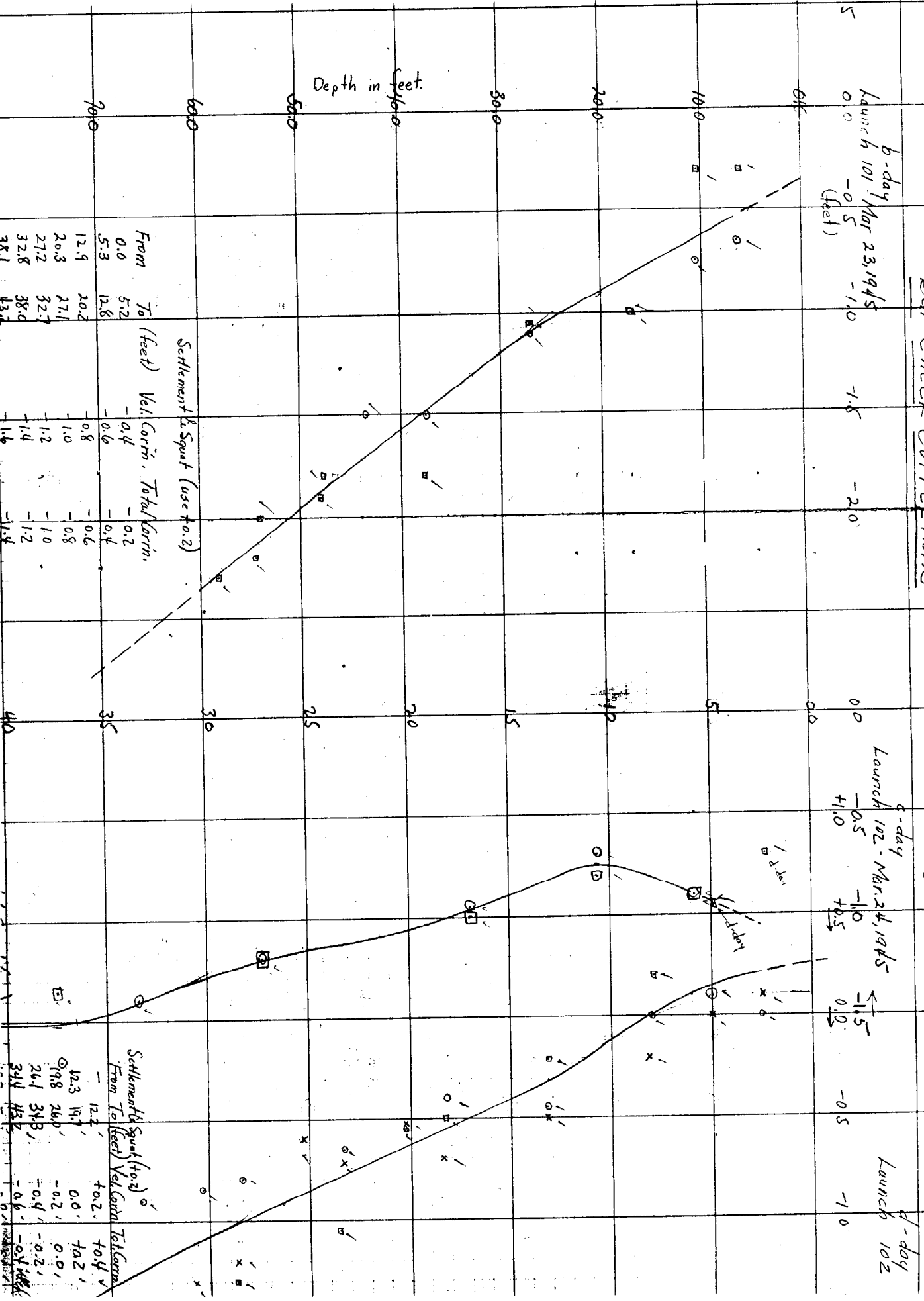
Initial ok - net at 0.0 feet today
as 'fish' was raised 1.0 foot.
MJT.

Bar Check Corrections

— FORT EUSTIS, Va. Project 255

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5



b-day
Launch 101 Mar 23, 1945
0.0
-0.5 (feet)
-1.0

-1.5
-2.0

0-day
Launch 102 - Mar 24, 1945
0.0
-0.5
-1.0
-1.5
-2.0

Launch 102
-0.5
-1.0

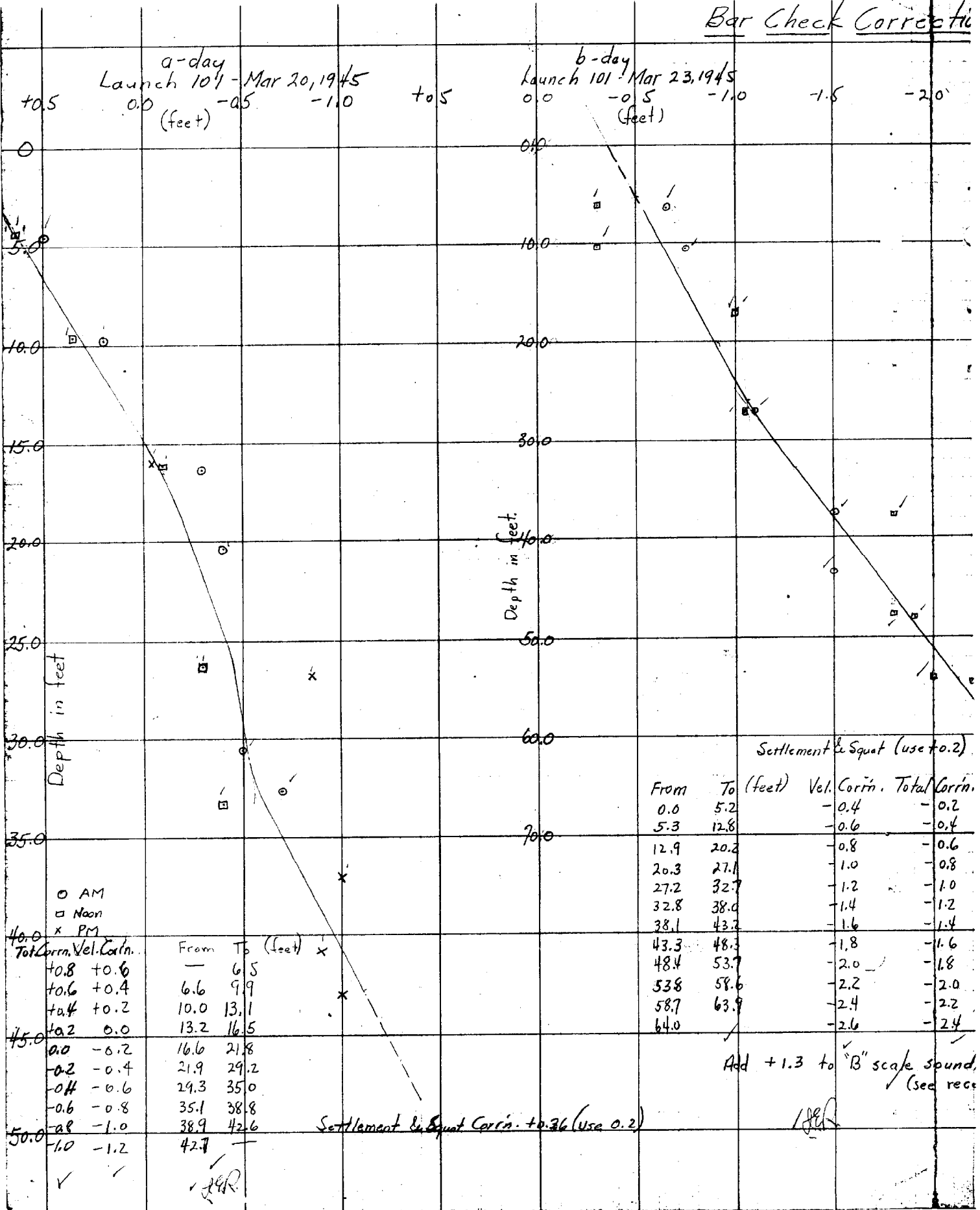
From To (feet) Vel. Cor'n. Total Cor'n.

0.0	5.2	-0.4	-0.2
5.3	12.8	-0.6	-0.4
12.9	20.2	-0.8	-0.6
20.3	27.1	-1.0	-0.8
27.2	32.7	-1.2	-1.0
32.8	38.0	-1.4	-1.2
38.1	43.2	-1.6	-1.4

Settlement & Squat (fo.2) From To (feet) Vel. Cor'n. Total Cor'n.

12.2	12.2	+0.2	+0.4
14.7	14.7	0.0	+0.2
24.0	24.0	-0.2	0.0
34.8	34.8	-0.4	-0.2
43.2	43.2	-0.6	-0.4

Bar Check Corrected



a-day
Launch 10¹ - Mar 20, 1945
(feet) -0.5 -1.0

b-day
Launch 10¹ - Mar 23, 1945
(feet) -0.5 -1.0

Settlement & Squat (use 0.2)

From	To (feet)	Vel. Corr.	Total Corr.
0.0	5.2	-0.4	-0.2
5.3	12.8	-0.6	-0.4
12.9	20.2	-0.8	-0.6
20.3	27.1	-1.0	-0.8
27.2	32.7	-1.2	-1.0
32.8	38.0	-1.4	-1.2
38.1	43.2	-1.6	-1.4
43.3	48.3	-1.8	-1.6
48.4	53.7	-2.0	-1.8
53.8	58.6	-2.2	-2.0
58.7	63.9	-2.4	-2.2
64.0		-2.6	-2.4

○ AM
 □ Noon
 × PM

Total Corr.	Vel. Corr.	From	To (feet)
+0.8	+0.6	—	6.5
+0.6	+0.4	6.6	9.9
+0.4	+0.2	10.0	13.1
+0.2	0.0	13.2	16.5
0.0	-0.2	16.6	21.8
-0.2	-0.4	21.9	29.2
-0.4	-0.6	29.3	35.0
-0.6	-0.8	35.1	38.8
-0.8	-1.0	38.9	42.6
-1.0	-1.2	42.7	—

Settlement & Squat Corr. +0.36 (use 0.2)

Add +1.3 to "B" scale sound, (see rec)

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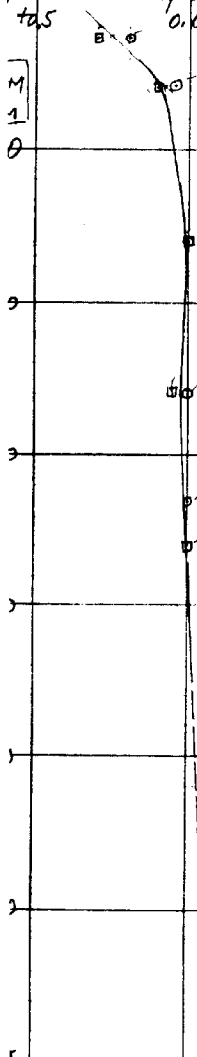
BAR CHECK CORRECTIONS - FORT EUSTIS, VA. PROJECT 255

Skiff.

f-day - Apr 12, 1945

to 5 0.0 -0.5 -1.0

M
1
0



f-day - Apr 12, 1945		
From	To	Vel. Corr'n.
-	5.8	+0.2
5.9	-	0.0

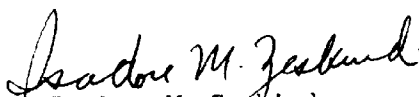
Use +1.4 to "B" scale soundings.

ADDENDUM

HYDROGRAPHIC SHEET H-7025

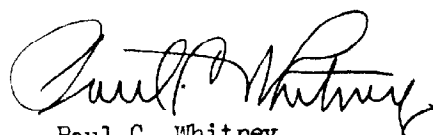
This sheet was processed in the Hydrographic Section, S. E.
District, Norfolk, Va.

Respectfully submitted,


Isadore M. Zeskind
Cartographic Engineer

Norfolk, Virginia
May 4, 1945

Approved & Forwarded


Paul C. Whitney
Supervisor SE District

GEOGRAPHIC NAMES
 Survey No. **H7025**

Name on Survey	A On Chart No.	B On Previous survey No.	C On U. S. Quadrangle Maps	D From local information	E On local Maps	F P. O. Guide or Map	G Rand McNally Atlas	H U. S. Light List	K
James River								U.S. G. B.	1
Fort Eustis		(H. H. only)			371 765				2
Mulberry Point					371 766				3
Deep Water Shoals Light					"				4
									5
									6
									7
									8
									9
									10
									11
									12
									13
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									23
									24
									25
									26
									27

Names underlined in red approved
 by Lettack on 7/24/45

Surveys Section (Chart Division)

HYDROGRAPHIC SURVEY NO. **H.7025**

Records accompanying survey:

Boat sheets .1..; sounding vols. 4...; wire drag vols.;
bomb vols.; graphic recorder rolls 11....;
special reports, etc.
.....

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

Number of positions on sheet	.1083
Number of positions checked	..118.
Number of positions revised	..19.
Number of soundings recorded	6000 (Approx)
Number of soundings revised (refers to depth only)	..15..
Number of soundings erroneously spaced	..21..
Number of signals erroneously plotted or transferred
Topographic details	Time
Junctions	Time ..0..
Verification of soundings from graphic record	Time ..16..

Verification by *McAlinden & Burgayne*. Total time ..16. Date 6/11/45..

Review by *J.A. McCormick* Time ...8 hrs. Date 7/12/45..

RRE
CKG
H.W.M.

TIDE NOTE FOR HYDROGRAPHIC SHEET

May 12, 1945

~~Division of Hydrography and Topography~~

✓ Division of Charts: Attention: H. W. MURRAY

Plane of reference approved in
4 volumes of sounding records for

HYDROGRAPHIC SHEET 7025

Locality Fort Eustis, James River, Virginia.

Chief of Party: I. E. Rittenburg and R. R. Moore in 1945
Plane of reference is mean low water reading
2.7 ft. on tide staff at Fort Eustis
7.8 ft. below B. M. 1

Height of mean high water above plane of reference is 2.4 feet.

Condition of records satisfactory except as noted below:

C. H. Green
Chief, Division of Tides and Currents.

DIVISION OF CHARTS

REVIEW SECTION - NAUTICAL CHART BRANCH

REVIEW OF HYDROGRAPHIC SURVEY

REGISTRY NO. 7025

Field No. GI-1145

Virginia; James River; Fort Eustis
Surveyed in March-April, 1945, Scale 1:10,000.
Project CS-255

Soundings:

Control:

Hand lead
808 Fathometer

Three-point fix on shore signals

Chief of Party - I. E. Rittenburg; R. R. Moore
Surveyed by - M. J. Tonkel
Protracted by - M. T. Miller
Soundings plotted by - M. T. Miller; J. Curd
Verified and inked by - J. M. McAlinden, H. W. Burgoyne
Reviewed by - J. A. McCormick
Inspected by - H. W. Murray Date - July 12, 1945

1. Shoreline and Signals -

Shoreline and red-circled signals are from topographic map compilations T-8059, T-8060, T-8069 and T-8070. Cuts for location of supplementary hydrographic signals are recorded in the sounding volumes.

2. Sounding Line Crossings -

Agreement at crossings is satisfactory.

3. Bottom Configuration -

On the east side of the river, the bottom drops sharply between the 6- and 30-foot curves. Slopes on the west side are not so pronounced. A shoal depth of 23 feet (30 to 38 feet surrounding) was obtained in latitude $37^{\circ}07.5'$, longitude $76^{\circ}38.2'$ but is not outstanding because of similar depths 100 meters inshore.

4. Contemporary Surveys -

The survey was made because of a request by the Maritime Commission for detailed information concerning depths off the Fort Eustis pier. Project CS-255 will eventually

be extended from the south to envelop the present survey and continue upstream, but at the present writing there are no contemporary surveys adjoining.

5. Previous Surveys -

H-530 (1855), 1:20,000; H-1179 b (1873), 1:20,000;
H-3097 (1910), 1:20,000.

H-530 is labeled reconnaissance and appears to be just that. Depths are widely spaced and much of the deeper area southwest of Deepwater Shoals Lighthouse was missed. H-1179b is the most complete of the three old surveys, and comparison with the present survey indicates only minor changes in the 72 years intervening between the two. Depths inside the 6-foot curve around the present pier now average 1 to 2 feet shoaler, and the 18- and 30-foot curves on the west side of the river north of latitude 37°08' have moved out a little since 1873. H-3097 consists of a development in the vicinity of the lighthouse plus cross-channel lines at one-mile intervals. Such depths as it shows agree fairly well with present determinations. The older surveys can be considered superseded in the common area.

6. Comparison with Chart 529 (Print of Aug. 25, 1944)

Hydrographic information now charted in the subject area is mostly from superseded surveys discussed in the preceding paragraph. Minor exceptions are as follows:

a. Hand corrections of 13 and 15 feet charted at the offshore end of the Fort Eustis pier were ordered applied after a preliminary inspection of the unverified smooth sheet. They are misleading and should be removed.

b. The wreck charted in latitude 37°07.85', longitude 76°37.95' is noted on B. P. 29824 (1935 Coast. Pilot Examination Data) as being that of a barge baring about 4 feet at M. H. W. Piles charted in latitude 37°07.1', longitude 76°37.95' were reported from two independent sources, the reports being attached to Chart Letter 268 of 1925. B. P. 29824 notes these same piles as being about 3 feet above M. H. W. No indications of wreck or piles were found on the survey (see descriptive report, page 5) although an old boiler and several logs, baring 1 foot at M.L.W. were found in the same general shoal area. It is presumed that both wreck and piles have been removed and, consequently, should be expunged from the chart.

c. Buoy "C 23" in latitude 37°07.0', longitude 76°38.3' on the survey is charted as "C3" because of an error in hand correction. The current aid proof verifies the number shown on the survey. Chart and survey positions of all aids in the area are in agreement.

The survey is basic and supersedes, without exception, all hydrographic material now charted in the area which it covers.

7. Compliance with Project Instructions

The survey was well done and amply fulfills the requirements of special instructions dated February 13, 15, 1945 (See also Paragraph 4).

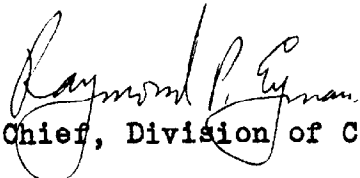
8. Additional Field Work Recommended.

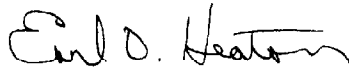
None.

Examined and Approved:


Chief, Chart Division


Division of Charts


Chief, Division of Coastal Surveys


Chief, Section of Hydrography

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80 1813
82 9P
83 Ruk
83 1772
839 file

30 April 1945

To: Supervisor, Southeastern District,
U. S. Coast and Geodetic Survey,
Room 418, U. S. Post Office Building,
Norfolk-10, Virginia.

Subject: Survey in the vicinity of Camp Eustis wharf—hydrographic
sheet No. 7025.

The Maritime Commission has made inquiry regarding the status of the Camp Eustis wharf survey and when the results of this survey will be available for dredging purposes. This work is now being delayed until copies of this survey are received.

In accordance with paragraph 8 of my letter of 13 February 1945, containing instructions for this project, you will please give processing of this survey priority over all other work, if practicable.

A careful estimate of the time which will be required for the completion of this processing should be made and submitted to this office.

(signed) J. H. HAWLEY

Acting Director.

cc. Division of Charts

