11575

Diag. Cht. No. 1205.

Form 504

U. S. COAST AND GEODETIC SURVEY

DEPARTMENT OF COMMERCE

DESCRIPTIVE REPORT

Type of Survey Shoreline Field No. Ph-114 Office No. T-11575
LOCALITY
State Maine
General locality Gulf of Maine
Locality Wood Island to Fletcher Neck
19453-54
CHIEF OF PARTY
E.H.Kirsch, Balto, Photo, Office
LIBRARY & ARCHIVES
DATE June 10, 1958

B-1870-1 (I)

DATA RECORD

T-11575

Project No. (II): Ph-114

Quadrangle Name (IV):

Field Office (II): Newburyport, Mass.

Chief of Party: E. H. Kirsch

Photogrammetric Office (III): Baltimore, Md.

Officer-in-Charge:

E. H. Kirsch

Photogrammetry (IV)

Copy filed in Division of

Instructions dated (ii) (III): 20 Feb. 1953

13 Mar. 1953

26 Mar. 1953, Supp. 1

5 Aug. 1954, Supp. 7

1 Feb. 1955, Supp. 8

Method of Compilation (III):

Air Photographic (Kelsh Plotter)

Manuscript Scale (III): 1:5000

Stereoscopic Plotting Instrument Scale (III): 1:4000

Scale Factor (III):

1.000

Date received in Washington Office (IV):

Date reported to Nautical Chart Branch (IV):

Applied to Chart No.

Date:

Date registered (IV): 5-8-58

Publication Scale (IV):

Publication date (IV):

Geographic Datum (III): N.A. 1927

Vertical Datum (III):

Mean sea level 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): FLETCHERS NECK 156, 1941

Lat.: 43° 261 55.921"

Long.: 70° 20° 30.066°

Adjusted

Uncontracted

Plane Coordinates (IV):

State:

Zone:

Y=

X=

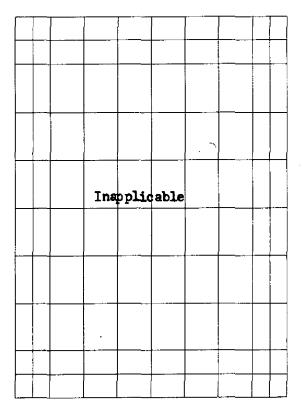
Roman numerals indicate whether the Item is to be entered by (II) Field Party, (III) Photogrammetric Office, or (IV) Washington Office.

When entering names of personnel on this record give the surname and initials, not initials only,

1

Form T- Page 1

M-2518-12(4)



Areas contoured by various personnel (Show name within area) (II) (III)

Form T- Page 2

DATA RECORD

Date: Sept. 1953 Field Inspection by (II) 5. F. Bengnet (See "Remarks") Date: Inapplicable Planetable contouring by (II): Date: Completion Surveys by (II): Mean High Water Location (III) (State date and method of location): Refer to Item No. 33, Descriptive Report Date: 10 Feb. 1955 Projection and Grids ruled by (IV): A. Riley Date: 11 Feb. 1955 Projection and Grids checked by (IV): J. Allen Control plotted by (III): J. C. Richter Date: 17 Feb. 1955 Date: 17 Feb. 1955 Control checked by (III): A. K. Heywood

Control extension by (III):

Planimetry J. C. Richter Date: 7 Mar. 1955

Stereoscopic Instrument compilation (III):

Contours

Date:

Manuscript delineated by (III): J. C. Richter Date: 14 Mar. 1955

Photogrammetric Office Review by (iII): A. K. Heywood Date: 5 Mgy 1955

Elevations on Manuscript Date:

checked by (II) (III):

Radial Plot or Stereoscopic

Date:

Camera (kind or source) (III):

PHOTOGRAPHS (III)

Number Date Time (E.S.T.)

Scale

Stage of Tide

54-W-1355 - 1356

4/29/54

15:20

1:20,000

1.9' above MLW

Tide (III)

From Predicted Tides

Reference Station:

Portland, Maine Subordinate Station: Wood Is., Harbor

Subordinate Station:

Ratio of Mean | Spring Ranges Range | Range

Date: Feb. 24. 1957

Washington Office Review by (IV): Level. Stee

Date:

Final Drafting by (IV):

Date:

Drafting verified for reproduction by (IV):

Date:

Proof Edit by (IV):

Land Area (Sq. Statute Miles) (III):

Shoreline (More than 200 meters to opposite shore) (III):

12

Shoreline (Less than 200 meters to opposite shore) (III):

Control Leveling - Miles (II):

Number of Triangulation Stations searched for (II):

Recovered:

Identified:

Number of BMs searched for (II):

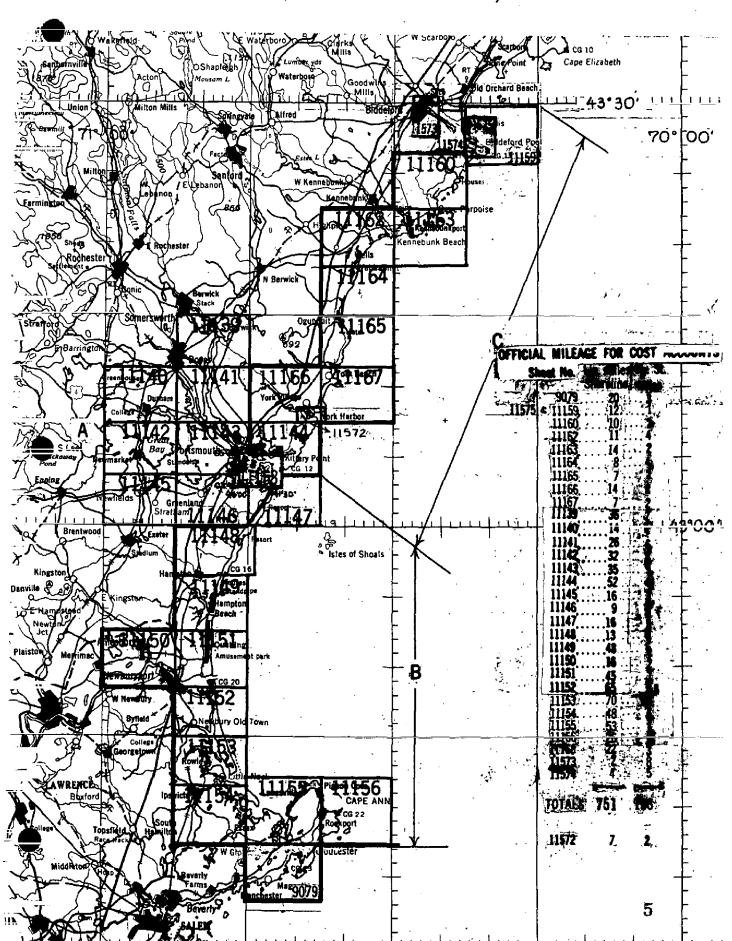
Recovered:

Identified:

Number of Recoverable Photo Stations established (III): Number of Temporary Photo Hydro Stations established (III):

* See Descriptive Report for T-11159. Horizontal control identification for T-11159 was used. Field inspection of shoreline and other details for Survey T-11159 was not available.

M-2618-12(4)



DESCRIPTIVE REPORT U.S. DEPARTMENT OF COMMERCE

COAST AND GEODETIC SURVEY CONTROL RECORD

DISTANCE
FROM GALD OR PROJECTION LINE | FROM GRID OR PROJECTION LINE | IN METERS COMM- bc- 5784. (BACK) SCALE FACTOR 1.000 FORWARD 7 DATE 1 Feb. 1955 (BACK) N.A. 1927-DATUM FORWARD DATUM SCALE OF MAP. 1,5000 OR PROJECTION LINE IN METERS DISTÂNCE FROM GRID IN FEET. (1114.1)311.1) (125.9)(1107.3)673.1) 202.8) 689.5) (1191.1)(BACK) FORWARD 737.6 157.8 676.0 744.4 1037.9 659.6 1725.8 1648.9 46.164 24,121 LONGITUDE OR x-COORDINATE 30.066 55.921 LATITUDE OR y.COORDINATE 23.90 07.02 DATE 20 Jan. 1955 PROJECT NO. Ph-114 20 13 56 26 20 27 27 2 T 20 13 2 13 20 Ę 2 DATUM NA 1927 # £ # COMPUTED BY. Henry P. Eichert SOURCE OF G-5044 P-432 Office G.P. p.398 G.P. p.397 Comp. (INDEX) MAP T- 11575 FLETCHERS NECK 156, 1941 1 FT. = .3048006 METER MONUMENT, 1941 NECK 156, 1941 STATION STACE ISLAND WOOD ISLAND L.H., 1868 FLETCHERS Sub. Sta. 6

CHECKED BY. John C. Richter



Summary to Accompany T-11575

Field instructions were issued for Ph-114 on 13 March 1953 to provide shoreline and control for inshore hydrographic surveys and to provide standard shoreline manuscripts for short compilation.

The hydrographic phase of survey was accomplished under instructions for CS-355, 6 March 1953, 29 January 1954, and 16 February 1955, Gloucester Harber Mass. Biddeford, Saco River, Maine.

A cloth-backed lithographic print of each map at manuscript scale and the descriptive report will be registered and permanently filed in the Bureau Archives.

COMPILATION REPORT Project Ph-114 T-11575

Field Inspection Report:

Refer to Descriptive Report for Shoreline Survey T-11159.

Photogrammetric Plot Report:

Bound with Descriptive Report for Shoreline Surveys T-11573 and 11574.

31. DELINEATION

All detail was delineated by the Kelsh instrument. Shoreline will be discussed in subsequent paragraphs.

32. CONTROL

Refer to Photogrammetric Plot Report, paragraph No. 23

33. SUPPLEMENTAL DATA

A shoreline survey T-11159, scale 1:10,000, delineated in 1954, which covered the same area, was used as supplemental data for shoreline and offshore details. The greater part of the shoreline was accepted from this survey. Rock ledge areas not covered by the latest photography were also taken from this survey.

34. CONTOURS AND DRAINAGE

Contours are inapplicable and drainage is complete.

35. SHORELINE AND ALONGSHORE DETAILS

Shoreline inspection (in accordance with instructions) was furnished only as far as the vicinity of Hill Beach. The memainder of the shoreline, except for minor changes, was taken from T-11159, since even the previous field inspection photographs were not available during this compilation. An enlargement at scale 1:5000, was furnished for Survey T-11159.

Field inspection of the low water and limits of rock ledge were furnished to the vicinity of Halftide Rock. The remainder was delineated from office interprelation.

* The shoreline for EAGLE I. (lat. 43°28'45" long. 70°21'35") is not shown on this survey (F/1575). See D.R. T-11159, page 8 paragraph 31 For the deline alion of the shoreline of EAGLE I. see H-82571955) paragraph 2 of the Priory

*NOTE - An attempt was made to delineate the shoreline during the Kelsh compilation without benefit of field inspection. This is now deemed to have been unsuccessful. The character of the shoreline for this survey, being rock with extensive offshore ledges, differed from the adjoining surveys for which field inspection was furnished. This precluded our ability to delineate it by analogy.

36. OFFSHORE DETAILS

Data complete.

37. LANDMARKS AND AIDS

Data complete.

38. CONTROL FOR FUTURE SURVEYS

No topographic stations were established during this survey. Hydrographic signals were relocated.

A list of photo-hydro stations with descriptions has been prepared and included in paragraph No. 49. of the Report for Shoreline Survey T-11159.

39. JUNCTIONS

Junction was made to the west with Survey T-11574.

40. HORIZONTAL AND VERTICAL ACCURACY

Refer to Photogrammetric Plot Report, Item No. 23.

46. COMPARISON WITH EXISTING MAPS

USGS quadrangle, Biddeford, Me., scale 1:62,500 published 1941.

47. COMPARISON WITH NAUTICAL CHARTS

Chart No. 231, First Edition 1925, scale 1:20,000, 4th Edition, Oct. 1945, 7/26/54.

Items to be applied to Nautical Charts immediately: None.

Items to be carried forward: None.

Approved and forwarded

E. H. Kirsch, Comdr. USC&GS

Officer in Charge,

Baltimore Photo. Office

Respectfully submitted

5 May 1955

A. K. Heywood Carto. (Photo.)

Review Report T-11575 Shoreline Map 28 February 1954

61. General

This map is a 1:5,000 scale Kelsh plotter delineation of the same area as T-11159 which is a graphic compilation at 1:10,000 scale.

62. Comparison with Registered Surveys

T-760 1:10,000 1859 Fletcher Neck & Vicinity
1870 Mouth of the Saco River and
Biddford Pool
T-1188a " 1912-13

Because of extensive cultured changes, T-11575 supersedes the older suveys for charting purposes.

63. Comparison with Maps of Other Agencies

U.S.E. Biddeford Pool 1:25,000 1949

T-11575 supersedes the quadrangle for charting.

64. Comparison with Contemporary Hydrographic Surveys

H-8257 1:5,000 1955 Fletchers Neck

A blue-print of the boat was available for review. The shoreline is that of T-11575. No changes were made during review.

The reef at Halftide Rock as delineated on T-115755 was in conflict with the hydrographic survey. Its form was changed during review and rock elevations from field photograph 53-J-200 were added.

For detail of rocks in Beach Island see T-11159.

see paragraph 35 page 8 of this D.R. relative the shoreline of Eagle I.

Lomparison with Nautical Charts

231 1:20,000 Oct. 1945 Corr. July 1954 6/8/61.

T-11575 has not been applied to charts.

66. Accuracy

This survey complies with project instructions and meets the National Standards of Accuracy.

Reviewed by:

for Lena T. Stevens

Approved by:

Chief, Review & Drafting Sec. Photogrammetry Div.

Chief, Nautical Chart Br.

Charts Dipt sion

PHOTOGRAMMETRIC OFFICE REVIEW

T- 11575

1. Projection and grids2. Title3. Manuscrip	t numbers4. Manuscript size
CONTROL STATIO	ons
5. Horizontal control stations of third-order or higher accuracy	6. Recoverable horizontal stations of less
than third-order accuracy (topographic stations)7. Phot	
9. Plotting of sextant fixes10. Photogrammetric plot re	. \
ALONGSHORE AR	REAS
(Nautical Chart D	Data)
12. Shoreline13. Low-water line 14. Rocks, si	hoals, etc15. Bridges16. Aids
to navigation17. Landmarks18. Other alongs	
	snore physical reatures19. Other along _
shore cultural features	
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20. Water features 21. Natural ground cover	
instrument contours 24. Contours in general	25. Spot elevations 26. Other physical
features	
CULTURAL FEATUI	
27. Roads 28. Buildings 29. Railroads	30. Other cultural features
BOUNDARIES	
31. Boundary lines 32. Public land lines	
MISCELLANEOU	S
33. Geographic names 34. Junctions 35. Legi	\
overlag 38. Field inspired	
40. H. J. H. 2000	huma la Trada
Reverger	Supervisor, Review Section or Unit
41. Remarks (see attached sheet)	
FIELD COMPLETION ADDITIONS AND CORRE	ECTIONS TO THE MANUSCRIPT
42. Additions and corrections furnished by the field completion s	urvey have been applied to the manuscript. The
manuscript is now complete except as noted under item 43.	* and a the manageries the
Compiler	Supervisor
43. Remarks:	M-2623-12

48. GEOGRAPHIC NAME LIST

Basket Island Beach Island Biddeford Pool

Fletcher Neck

Gooseberry Island

Halftide Rock Hill Beach

Libbyshears

Negro Island

Philip Rock

Rem Island

Stage Island

Me., 9 Me., 208

The Pool

Washman Rock Wood Island Wood Island Harbor

49. NOTES FOR THE HYDROGRAPHER

Refer to item 49 of the Descriptive Report for Shoreline Survey T-11159.

Form 567 April 1945

OF COMMERCE U. S. COAST-AND GEODETIC SURVEY DEPARTMI

NONFLOATING AIDS AR/ALANDALARIS FOR CHARTS

TO BE CHARTED STRIKE OUT ONE

Baltimore, Maryland

6 Apr11

19 33

I recommend that the following objects which hake (have not) been inspected from seaward to determine their value as landmarks be charted on (Allegal Hohn) the charts indicated.

Henry P. Elchert The positions given have been checked after listing by

						:	3	. H. Kirsch,	ch,	Chi	Chief of Party.
STATE	MATNE				POSITION	7		METHOD		THAI	
			I Y	LATITUDE.	2	LONGITUDE *		Location And	DATE	180K 28C 28C 28C 28C 38C 38C 38C	CHARTS
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BN	(O Halftide Rock Daybeacon, 1953)	-	9Z EN	59.78 1845	τ <i>շ</i> ο/		=	Theo.	5	М	Ė
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This form shall be prepared in accordance with Hydrographic Manual, pages 800 to 804. Positions of charted landmarks and nonfloatin

LIST OF DIRECTIONS

PH-114

Station Photo PT. "H" State Maine

Chief of party EH Hirsch Date 1/1/53 Computed by S. HB

Observer LF Beugnet Instrument Will T.2 No 26314 Checked by RSD.

OBSERVED STATION	Observed direction	Eccentric reduc-	Sea level reduction*	Corrected direction with zero initial	Adjusted direction*
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of Aids'-Sheets 1163 + 11	159				
III and the second seco					

State: Maryland

Chief of party: C. V. H.

Date: 1917

Computed by: O. P. S.

Observer: C. V. H.

Instrument: No. 168

Checked by: W. F. R.

OBSERVED STATION	Observed direction	Eccentric reduction	Sea level reduction	Corrected direction with zero initial	Adjusted direction
Chevy Tank west of \(\triangle \) Dulce Ken (center), 3.469 meters Forest Glen standpipe Home Bureau of Standards, wireless pole. Reno Reference mark, 16.32 m Ker To Home	0 00 00.00 29 03 37.0 176 42 313 24 53.0 326 31 30.21 352 17 20.8 357 28 48.63 358 31 20	7.31 -1 09.8 +3 01.2 + 31.93 + 5.7 - 1.16	,,	0 00 00.00 29 02 34.5 313 28 01.5 326 32 09.45 352 17 33.8 357 28 54.78	, ,

This form, with the first three and fifth columns properly filled out and checked, must be furnished by field parties. To be acceptable it must contain every direction observed at the station.

It should be used for observations with both repeating and direction theodolites.

The directions at only one station should be placed on a page.

If a repeating theodolite is used, do not abstract the angles in tertiary triangulation. The local adjustment corrections (to close horizon only) are to be written in the Horizontal Angle Record, and the List of Directions is to be made from that record directly.

Choose as an initial for Form 24a some station involved in the local adjustment, and preferably one which has been used as an initial for a round of directions on objects not in the main scheme. Use but one initial at a station. Call the direction of the initial 0° 00′ 00.″ 00, and by applying the corrected angles to this, fill in opposite each station its direction reckoned clockwise around the whole circumference regardless of the direction of graduation of the instrument. The clockwise reckoning is necessary for uniformity and to make the directions comparable with azimuths.

If a station has been occupied eccentrically, reduce to the center and enter in this form, in ink, the resulting corrections to the observed directions in the column provided for them. If an eccentric reduction is necessary, but not made in the field, leave the column blank. If the station was occupied centrally, and no eccentric reduction is required, put dashes in the column to show that no corrections are necessary.

Directions in the main scheme should be entered to hundredths of seconds in first-order triangulation; otherwise to tenths only. Points observed upon but once, direct and reverse, should be carried to tenths in first-order and second-order triangulation, and to even seconds only in third-order triangulation. In general, but two uncertain figures should be given.

DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY Form 24A Rev. Oct., 1932

LIST OF DIRECTIONS

Station Photo Pt "F"	State Ma	me		·•	τ
Chief of party EH. Krisch	Date 18/6			Computed by	78
Observer LF Beugne	Instrument h)i/o T-2 N	0 26314	Checked by K	<u>D</u>
OBSERVED STATION	Observed direction	Eccentric reduc- tion	Sea level reduction*	Corrected direction with zero initial	Adjusted direction*
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Angle on Pg. 10-Vol. "Locat of Aids" - Sheets 11163	+ 11159	-			
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State: Maryland

Chief of party: C. V. H.

Date: 1917

Computed by: O. P. S.

Observer: C. V. H.

Instrument: No. 168

Checked by: W. F. R.

OBSERVED STATION	Observed direction	Eccentric reduction	Sea level reduction	Corrected direction with zero initial	Adjusted direction
Chevy Tank west of \triangle Dulce Ken (center), 3.469 meters Forest Glen standpipe Home Bureau of Standards, wireless pole Reno Reference mark, 16.32 m Ken To Home	0 00 00.00 29 03 37.0 176 42 313 24 53.0 326 31 30.21 352 17 20.8 357 28 48.63 358 31 20 eccentric	7.31 -1 09.8 +3 01.2 + 31.93 + 5.7 - 1.16	,,	0 00 00.00 29 02 34.5 313 28 01.5 326 32 09.45 352 17 33.8 357 28 54.78	, "

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Choose as an initial for Form 24A some station involved in the local adjustment, and preferably one which has been used as an initial for a round of directions on objects not in the main scheme. Use but one initial at a station. Call the direction of the initial 0° 00′ 00.″ 00, and by applying the corrected angles to this, fill in opposite each station its direction reckoned clockwise around the whole circumference regardless of the direction of graduation of the instrument. The clockwise reckoning is necessary for uniformity and to make the directions comparable with azimuths.

If a station has been occupied eccentrically, reduce to the center and enter in this form, in ink, the resulting corrections to the observed directions in the column provided for them. If an eccentric reduction is necessary, but not made in the field, leave the column blank. If the station was occupied centrally, and no eccentric reduction is required, put dashes in the column to show that no corrections are necessary.

Directions in the main scheme should be entered to hundredths of seconds in first-order triangulation; otherwise to tenths only. Points observed upon but once, direct and reverse, should be carried to tenths in first-order and second-order triangulation, and to even seconds only in third-order triangulation. In general, but two uncertain figures should be given.

LIST OF DIRECTIONS

Station Photo PT "G" Chief of party E.H. Hirsch	State Ma	53		Computed by	
Observer LF Beugnet	Instrument/	Vild 7-21	Vo 26314	Checked by B	
OBSERVED STATION	Observed direction	Eccentric reduc-	Sea level reduction •	Corrected direction with zero initial	Adjusted direction*
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State: Maryland

Chief of party: C. V. H.

Date: 1917

Computed by: O. P. S.

Observer: C. V. H.

Instrument: No. 168

Checked by: W. F. R.

OBSERVED STATION	Observed direction	Eccentric reduction	Sea level reduction	Corrected direction with zero initial	Adjusted direction
Chevy	0 00 00.00 29 03 37.0 176 42 313 24 53.0 326 31 30.21 352 17 20.8 357 28 48.63 358 31 20 n eccentric	7, 31 -1 09.8 +3 01.2 + 31.93 + 5.7 - 1.16	v	0 00 00.00 29 02 34.5 313 28 01.5 326 32 09.45 352 17 33.8 357 28 54.78	, "

This form, with the first three and fifth columns properly filled out and checked, must be furnished by field parties. To be acceptable it must contain every direction observed at the station.

It should be used for observations with both repeating and direction theodolites.

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Choose as an initial for Form 24A some station involved in the local adjustment, and preferably one which has been used as an initial for a round of directions on objects not in the main scheme. Use but one initial at a station. Call the direction of the initial 0° 00′ 00.″ 00, and by applying the corrected angles to this, fill in opposite each station its direction reckoned clockwise around the whole circumference regardless of the direction of graduation of the instrument. The clockwise reckoning is necessary for uniformity and to make the directions comparable with azimuths.

If a station has been occupied eccentrically, reduce to the center and enter in this form, in ink, the resulting corrections to the observed directions in the column provided for them. If an eccentric reduction is necessary, but not made in the field, leave the column blank. If the station was occupied centrally, and no eccentric reduction is required, put dashes in the column to show that no corrections are necessary.

Directions in the main scheme should be entered to hundredths of seconds in first-order triangulation; otherwise to tenths only. Points observed upon but once, direct and reverse, should be carried to tenths in first-order and second-order triangulation, and to even seconds only in third-order triangulation. In general, but two uncertain figures should be given.

DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY FORM: 24A Rev. Oct., 1932

LIST OF DIRECTIONS

Station Photo Pt. "J" Chief of party EH Kirsch Observer LF Beugnet	State Me. Date 9/4 Instrument/	1/53_	3 263/4	Computed by IIB Checked by 555				
OBSERVED STATION	Observed direction	Eccentric reduc- tion	Sea level reduction*	Corrected direction with zero initial	Adjusted direction*			
FLETCHERS NECK WATER	0 00 00.00	, , ,		0 00 00.00	, , , ,			
TANK, 19HI								
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Halffide Plack Daybeacon	51 51 24.0			ا المسلم الم المسلم المسلم				
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Angles on Pg. 13- Vol. Locat	tion			· · · · · · · · · · · · · · · · · · ·				
of Aids - Sheets 11163 +	11159	-	,					
	·			· · · · · · · · · · · · · · · · · · ·				

State: Maryland

Chief of party: C. V. H.

Date: 1917

Observer: C. V. H.

Instrument: No. 168

Computed by: O. P. S. Checked by: W. F. R.

OBSERVED STATION	Observed	dire	ction		centric luction	Sea level reduction	Corre		irection with initial	Adju direc	isted ction
Chevy Tank west of \triangle Dulce Ken (center), 3.469 meters Forest Glen standpipe Home Bureau of Standards, wireless pole. Reno Reference mark, 16.32 m. Ken To Home Soo 5d	29 176 313 326 352 357 358	00 03 42 24 31 17 28 31	00.00 37.0 53.0 30.21 20.8 48.63 20	, -1 +3 + -	7.31 09.8 01.2 31.93 5.7 1.16	,,	0 29 313 326 352 357	, 00 02 28 32 17 28	00.00 34.5 01.5 09.45 33.8 54.78	,	n

This form, with the first three and fifth columns properly filled out and checked, must be furnished by field parties. To be acceptable it must contain every direction observed at the station.

It should be used for observations with both repeating and direction theodolites.

The directions at only one station should be placed on a page.

If a repeating theodolite is used, do not abstract the angles in tertiary triangulation. The local adjustment corrections (to close horizon only) are to be written in the Horizontal Angle Record, and the List of Directions is to be made from that record directly.

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If a station has been occupied eccentrically, reduce to the center and enter in this form, in ink, the resulting corrections to the observed directions in the column provided for them. If an eccentric reduction is necessary, but not made in the field, leave the column blank. If the station was occupied centrally, and no eccentric reduction is required, put dashes in the column to show that no corrections are necessary.

Directions in the main scheme should be entered to hundredths of seconds in first-order triangulation; otherwise to tenths only. Points observed upon but once, direct and reverse, should be carried to tenths in first-order and second-order triangulation, and to even seconds only in third-order triangulation. In general, but two uncertain figures should be given.

DEPARTMENT OF COMMERCE U. S. COAST AND GEODETIC SURVEY FORM 24A Rev. Oct., 1932

LIST OF DIRECTIONS

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	hoto PT "E				. M							
Chief of p	oarly EH. Kir.	sch.		Date	9/8	/53			Ca	mpule	ed by L	#13
Observer .	LF Beugn	e t		Insti	rument_U	Vild Z	2	No2631				
D. B. SHYLARAKAT PR	using write 1992———————————————————————————————————	03 <u></u>					, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
OBSI	ERVED STATION		Obs	erved di	rection	Eccentric r tion	educ-	Sea level reduction*	Corre	cted dire zero ini	ction with tial	Adjusted direction*
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Phillip R	ock Daybeac	012	286	08	06.8		- 5		.			
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Angles on Pg. 9. - Vol. Location of Aids - Sheets 11163 + 11159

State: Maryland

Chief of party: C. V. H.

Date: 1917

Computed by: O. P. S.

Observer: C. V. H.

Instrument: No. 168

Checked by: W. F. R.

OBSERVED STATION	Observed direction	Eccentric reduction	Sea level reduction	Corrected direction with zero initial	Adjusted direction
Chevy	0 00 00.00 29 03 37.0 176 42 313 24 53.0 326 31 30.21 352 17 20.8 357 28 48.63 358 31 20 eccentric	7.31 -1 09.8 +3 01.2 + 31.93 + 5.7 - 1.16		0 00 00.00 29 02 34.5 313 28 01.5 326 32 09.45 352 17 33.8 357 28 54.78	, ,,

This form, with the first three and fifth columns properly filled out and checked, must be furnished by field parties. To be acceptable it must contain every direction observed at the station.

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