

5963

Form 504
Rev. June 1941
DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Air Photographic
Plane Table
Hydrographic

Survey No. T-5963
(Field)

Date of Photos. October, 1941

LOCALITY

State Maine

General locality Casco Bay

Locality Bailey Island to

Mare Point Neck

1942

CHIEF OF PARTY

Lieut. L. W. Swanson

5963

DEPARTMENT OF COMMERCE
U. S. COAST AND GEODETIC SURVEY

REG. NO.

TOPOGRAPHIC TITLE SHEET

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

Field No. T-5963

REGISTER NO.

State Maine

General Locality Casco Bay

Locality Bailey Island to Mare Point Neck

Scale 1:10,000 Date of ^{Photographs} ~~Survey~~ October 17, 1941

Vessel Air Photographic Survey Party No. 2

Chief of party Lieut. L. W. Swanson

FIELD INSPECTION...Lieut. E. B. Lewey

Surveyed by Radial Plot...R. J. Nosik

Shoreline.....J. E. Sunderland

Inked by Detail.....J. E. Sunderland

Heights in feet above -- to ground to tops of trees

Contour, Approximate contour, Form line interval -- feet

Instructions dated Project No. 272, Dated Jan. 12, 1942

Remarks: _____

DATA RECORD T-5963

PHOTOGRAPHS

NUMBER	DATE	TIME	SCALE	STAGE OF TIDES
6687 to 6688	Oct. 17, 1941	10:27-10:28AM	1:10,000 Unknown	5.3ft above MLW
6711 to 6716	"	10:52-10:56AM	"	4.4ft above MLW
6759 to 6761	"	12:11-12:13PM	"	1.7ft above MLW
6767 to 6772	"	12:22-12:26PM	"	1.3ft above MLW
6842 to 6843	"	1:50- 1:51PM	"	0.1ft above MLW

Tide from predicted tables for Portland, Maine, with time correction to Harpswell Harbor. Mean range 9.0 ft., spring range 10.4.

Camera: U. S. Coast & Geodetic Survey Nine Lens (focal length $8\frac{1}{4}$ ")

All negatives on file in Washington Office.

Supplemental Surveys

Graphic Control Sheets....F. L. Peacock.....Season of 1941
 Hydrographic Surveys....." " " "
 Field Inspection.....E. B. LeweyNov.-Dec. 1941
 Name Investigation.....None

General Information

Chief of Party.....L. W. Swanson.....~~Date Unknown~~
 Projection by.....Ruling Machine
 Washington Office.....Date Unknown
 Projection Checked by.....N. L. W.....Dec. 29, 1941
 Control Plotted by.....W. E. Schmidt.....Dec. 29, 1941
 Control checked by.....W. A. Rasure.....Dec. 31, 1941
 Radial Plot by.....R. J. Nosik.....Jan.-Feb. 1942
 Ra dial Points Pricked by....""
 Additional Radial Points by..J. E. Sunderland.....Feb.-March 1942
 Shoreline Inked by....."Feb.-March 1942
 Detail Inked by....."April-May 1942
 Scale.....1:10,000.....No scale factor

Statistics

Area(land).....12.0 square statute mi.
 Shoreline(more than 200m. from the opposite shore)..62.0 " " "
 Shoreline(less than 200m. from the opposite shore)..8.0 " " "
 Roads, streams, and trails.....30.0 " " "
 Time required for shoreline and detail.....59 days

Reference Station

BAILEY, 1933.

Latitude 43°45'57.203"(1765.5 meters) ✓ Datum
 Longitude 70°00'51.481"(1151.1 meters) North American 1927

Maine-West Zone
 State Grid

X = 540,251.38 ft
 y = 339,934.84 ft

Plotting checked by F.H.McBETH

DESCRIPTIVE REPORT
TO ACCOMPANY
AIR PHOTOGRAPHIC SURVEY SHEET NO. T-5963
STATE OF MAINE
CASCO BAY
BAILEY ISLAND TO MARE POINT NECK

Date of this report

May 12, 1942

Instructions:

This rough draft map drawing is a part of project HT-272, instructions for which are dated January 12, 1942.

Field Inspections:

Field inspection of this area was made by Lieut. Ernest B. Lewey during November and December of 1941.

Photographs:

The nine lens photographs were taken with the U. S. Coast & Geodetic nine lens camera.

Control:

The control used on this sheet consists of 28 U. S. Coast & Geodetic Survey Triangulation stations, and 23 U. S. Coast & Geodetic topographic and hydrographic stations.

U. S. Coast & Geodetic Survey Triangulation ^{Stations} ~~Survey~~

The triangulation stations that are listed as follows are within the detailed limits of this map drawing:

- *Bailey, 1933
- Mare, 1933
- Harpwell Church, 1854, 1911, 1933
- *Gosling, 1933
- *Goose, 1933
- *Walsh, 1933
- Seymour, 1933
- *Starr, 1933
- *Will, 1933
- *Sheep, 1933
- Harpwell Neck, Basin Point, chimney at center of green-roofed bungalow, 1933
- Mare Point, flagpole, 1933

- * Mare Point, flagpole one half mile north, 1933
- Bailey Island, windmill, 1933
- Harpswell Baptist Church, spire, 1933
- Orr Island, Lowell Cove Point, house, chimney,
There is no house on the 9 lens photo that checks with the geographic position on the manuscript. Probably this house has been destroyed as it no longer shows on the photographs. A different house a little to the southeast was picked on the field inspection photo, number 6760. Thus this station has been taken off the manuscript.
- Mericoneag Hotel flagstaff, 1941

The triangulation stations that fall outside the limits of this sheet are listed as follows:

- * Swan, 1933
- * Bustins, 1933
- * True, 1933
- *--Whaleboat, 1933
- * Stearn, 1933
- Harpswell, Tom Randall's barn, cupola, 1933
- Mare Point, Stearn's barn, north gable, 1933
- Bailey Island, south end, chimney at center of green-roofed house, 1933
- Bailey Island, south end, white bungalow, east gable, 1933
- Haskell Island, 1854, 1911, 1933
- * Kellogg, 1854, 1911, 1933

All triangulation stations marked with the asterisk symbol were pricked direct from the graphic control sheets. Those not marked were plotted in the usual manner. Stations marked with bar were pricked on Photographs and used.

Note-U. S. C. and G. S. station; Mare Point, Stearns Barn, North gable, 1933. This station could not be used as this barn evidently has been remodeled.

U. S. Coast and Geodetic Survey-Topographic and Hydrographic Stations

The topographic and hydrographic stations that are listed as follows are within the detailed limits of the map drawing:

Kin, 1941	Long, 1941	Bla, 1941
Toy, "	Kid, "	Jug, "
Tol, "	Sock, "	Jim, "
Ajax, "	Pod, "	

Cupola, (white barn) Harpswell Neck, 1941
 House, (south gable) Birch Island, 1941
 Flagpole, Little Flying Point, 1941
 Chimney, Lower Goose Island, 1941
 Flagpole, Lower Goose Island, 1941
 Tank(elevated) Harpswell Neck, 1941
 Tank(elevated) Mare Point, 1941
 House(Chimney) Harpswell Neck, 1941.
 Flagpole, Barnes Island, 1941.

524 cards filed under
 T-6843 b
 -6845 b
 6851

The topographic and hydrographic stations that fall outside the limits of this sheet are listed as follows:

Doe, 1941
Puss, 1941
Pup, 1941

All topographic and hydrographic stations ~~were~~^{were} pricked direct from the graphic control sheets and are shown with $\times 2\frac{1}{2}$ mm circles.

A number of natural objects used as hydrographic signals by the hydrographic party were pricked directly from the graphic control sheets and are identified by red circles.

Those that were used as additional control for this map drawing are shown with $\times 1\frac{1}{2}$ mm circles.

Radial Plot

The photographs on this sheet are fixed by existing triangulation plotted from computed positions, topographic and hydrographic stations and hydrographic signals pricked direct from graphic control sheets.

Each photograph was laid separately so that the radial lines through the control on the photographs resected as nearly as was possible the triangulation and other control stations as plotted or pricked from the graphic control sheets on the map drawing. The center of the photograph was then pricked on the map drawing and is indicated by double blue circle.

Map drawing T-5962 was joined to sheet T-5963, and using all the control pricked on photographs 6687, 6768, and 6769 not covered by map drawing T-5963, a strong fix of these photographs was obtained. The center of photograph 6772 was also fixed in the same manner, using map drawing T-5964 which covers the control on these photographs not covered by sheet T-5963.

Good resections on triangulation and other control stations were found possible only on those station which were natural objects and easily identifiable on the photographs. The flight lines at adjacent photo centers were found to hold exceptionally well with most of the photographs.

Detail

The shoreline and adjacent areas were detailed in accordance with the instructions for the planimetric surveys compiled from aerial photographs. Because of the great amount of elevation and bluffs along the shoreline, the radial points ^{used} were in general on or near the high waterline. The scale of the photographs was such that

most of the shoreline was delineated with the use of the projector.

All rocks baring, identified by field inspection or indentified with certainty on two or more photographs, which are shown with dotted circles, were radially plotted. Others are indicated without the dotted circle. The amount of baring is noted if field inspected.

Rocks awash or bare at high water were outlined and See their condition at M. H. W. noted if called for in field enclosed inspection. No sunken rocks have been shown by the com- Letter piler.

*Rock has been deleted
from the sheet*

Doubtful areas in the photographs indicating the presence of sunken rocks, sunken ledges, or shoals have been outlined and labeled foul or shoal. *P. Kerr 6/24/43*

Roads were detailed according to the field inspector's notes as shown on the field inspection prints. All roads, except trails, are indicated with the center line only and labeled as to type, and are to be shown 6 meters wide. Trails are shown with a single dashed line.

Ram Island, Pond Island, Barnes Island, Whaleboat Island, Shelter Island, Irony Island, The Goslings, Horse Island, Ram Island, Sister Island, Bailey Island, and that portion of Harpswell Neck below latitude 43° 45', which were completely detailed shows all buildings of importance. Elsewhere, only the buildings on, or near, the shoreline were shown.

Wooded and cultivated areas in the above mentioned group are shown or outlined and labeled. Elsewhere, wooded areas along the shorelines are shown, and cultivated areas along the shoreline are labeled.

Recoverable Hydrographic Signals

Recoverable hydrographic signals covering this map drawing have previously been submitted.

Recoverable Topographic Signals

Recoverable topographic stations covering this map drawing have been previously submitted.

Landmarks for Charts

A list of landmarks has been prepared on forms #567 covering Chart No. 201 for charting and deletion. These have been previously submitted to the Washington Office by Commander Fred L. Peacock.

Geographic Names

Geographic names covering this map drawing are listed on form M234 in the appendix.

COMPARISON WITH PREVIOUS SURVEYS

Charts No. 201 and No. 315

Due to the difference in scale between this map drawing and the above mentioned charts, small differences could not be ascertained.

Litt le John Rock, Middle Ground, Dipper Cove Ledges, Clark Ledge, Merriman Ledges, Interval Shoal, Goose Ledge, and Wilson Ledges are not visible on any photograph to permit noting.

Photostat of compilation of previous surveys as compiled by the chart division:

This survey is in fair agreement with the compilation sheet No. T-5963, except for the following noted differences:

The shoreline is in generally fair agreement throughout, except at the south end of the mainland of Harpswell Neck (north of South Harpswell) the shoreline has receded about 30 meters, and the lower part of the mainland of Harpswell Neck from the bridge to South Harpswell to Ash Point Cove (lying to the east of Bar Island) has receded from about 5 to 75 meters.

At the southern tip of Ram Island (west side of Mericoneag Sound) baring rocks shown on the previous surveys are now indicated as rock ledges.

At Potts Point baring rocks shown on the previous surveys are now indicated as rock ledges.

Along the west side of South Harpswell rocks shown on the previous surveys are now indicated as rock ledges except that one at Lat. $43^{\circ}44'8''$ and Long. $70^{\circ}01'24''$ could not be identified on any photograph.

At latitude $43^{\circ}44'29''$ and longitude $70^{\circ}01'10''$ the two bearing rocks could not be identified on any photograph.

Bar Island shown on the ~~two~~ previous surveys as one small island is now indicated as two small islands.

At latitude $43^{\circ}44'8''$ and longitude $70^{\circ}02'40''$, a rock shown on the previous survey and hydrographic boat sheet could not be identified on any photograph.

Between Barnes Island and Basin Point baring rocks shown on the previous survey are now indicated by ledges.

The west side of Harpswell Neck, southwest of White Point, the previous survey shows 4 rocks that ^{are} now indicated by ledges.

Around The Goslings and Irony Island, the Previous survey shows several bearing rocks that are now indicated as ledges.

At the southern tip of Lower Goose Island, the previous survey shows a small island which is now connected to the mainland of Lower Goose Island.

At Grassy Ledge, several baring rocks as shown on the previous survey are now indicated by ledges.

Around Lower Goose Island and Upper Goose Island the previous survey shows several baring rocks that are now indicated by ledges.

Branning Ledge is indicated on the previous surveys by several baring rocks which are now indicated by a ledge.

Off the northern tip of Shelter Island the previous survey shows two baring rocks, these could not be identified on any photograph.

Brant Ledges are shown by one high water rock and one baring rock on the previous survey which is now indicated by a high water rock surrounded by a reef.

At latitude $43^{\circ}48'2''$ and longitude $70^{\circ}00'10''$ the previous survey and the hydrographic boat sheet shows a baring rock which could not be identified on any other photograph.

At latitude $43^{\circ}48'9''$ and longitude $70^{\circ}00'3''$ the previous survey and the hydrographic boat sheet shows a baring rock which could not be identified on any photograph.

Sister Island and Sister Island Ledge are shown in the previous survey surrounded by baring rocks which are now indicated by ledges.

Along the west side of Birch Island numerous baring rocks shown on the previous survey are now indicated as ledges.

At latitude $43^{\circ}49'24''$ and longitude $70^{\circ}00'50''$ a point on the west side of Birch Island is in poor agreement.

At Mare Point and on the east side of Mare Point Neck several baring rocks shown on the previous survey are now indicated by ledges.

Little Flying Point is now connected to the mainland by a walkway.

Along the southeast side and southern tip of Little Flying Point numerous baring rocks shown on previous survey are now indicated by ledges.

Detail outside the shoreline throughout the map drawing is more extensive than on previous surveys.

All inland features common to the two surveys are in generally fair agreement.

Hydrographic Sheets:

Slight disagreements between the hydrographic survey and the map drawing T-5962 are indicated by the use of purple ink applied on the reverse side of sheet T-5962.

Junctions:

Sheet T-5964, north side. The shoreline and interior detail are in good agreement.

Sheet T-5962, west side. The shoreline and interior detail are in good agreement.

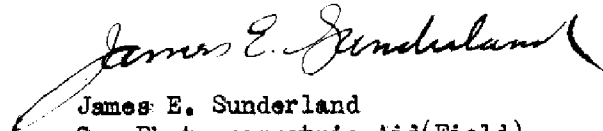
Sheet T-5960, south side. The shoreline and interior detail are in good agreement.


Recommendations for Future Surveys:

This sheet is believed to be complete in all details of importance for charting and no additional surveys are required.

The probable error of radial points and well defined objects along the shoreline is not greater than 0.5mm. The error of inland radial points and detail of importance is not greater than 1.0mm.

Respectfully submitted,


James E. Sunderland
Sr. Photogrammetric Aid(Field)

Approved: *May 19, 1942*

L. W. Swanson
Chief of Party.

GEOGRAPHIC NAMES

Survey No. T- 5963

GEOGRAPHIC NAMES		Survey No. T- 5963									
Name on Survey	<div>On Chart No.</div> <div>On previous survey No.</div> <div>On U. S. quadrangle Maps</div> <div>From local information</div> <div>On local Maps</div> <div>P. O. Guide or Map</div> <div>Rand McNally Atlas</div> <div>U. S. Light List</div> <div>U. S. Coast Pilot</div>										
	A.	B.	C.	D.	E.	F.	G.	H.			
<u>ASH POINT</u>	X		X							1	
<u>ASH POINT COVE</u>	X		X							2	
<u>BAR ISLAND</u>	X		X							3	
<u>BARNES ISLAND</u>	X		X							4	
<u>BIRCH ISLAND</u>	X		X			X		X	X	5	
<u>BASIN POINT</u>	X		X			X				6	
<u>BEAL'S COVE</u>	X									7	
<u>BASIN COVE</u>	X		X			X				8	
<u>BAILEY ISLAND</u>	X		X			X			X	9	
<u>BRANNING LEDGE</u>	X									10	
<u>BRANT LEDGES</u>	X									11	
<u>BLACK ROCK</u>	X									12	
<u>CLARK COVE</u>	X									13	
<u>CURTIS COVE</u>										14	
<u>EASTMAN LEDGE</u>	X									15	
<u>GRASSY LEDGE</u>	X									16	
<u>HORSE ISLAND</u>	X		X						X	17	
<u>HARPSWELL NECK</u>	X								X	18	
<u>HARPSWELL SOUND</u>	X		X			X		X	X	19	
<u>HARPSWELL HARBOR</u>	X		X			X			X	20	
<u>IRONY ISLAND</u>	X		X							21	
<u>LOWELL COVE</u>	X		X						X	22	
<u>LOWER GOOSE ISLAND</u>	X		X			X		X	X	23	
<u>LITTLE BIRCH ISLAND</u>	X							X	X	24	
<u>LITTLE FLYING POINT</u>	X		X							25	
<u>MARE POINT NECK</u>	X		X					X	*	26	
<u>MARE POINT</u>	X		X			0		X	*	27	
										M 234	

Remarks.

Decisions

1		
2		
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9		
10	U. S. Light List shows Brannings Ledge.	
11		
12		
13		
14	From Field Inspection-Photo 6713	
15		
16		
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18		
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24		
25		
26	U. S. Coast Pilot shows Mere Point Neck	
27	O P. O. Guide shows Merepoint. * U. S. Coast Pilot shows Mere Point.	

GEOGRAPHIC NAMES

Survey No. T- 5963

GEOGRAPHIC NAMES		Survey No. T-5963									
Name on Survey	<div>On Chart No. On previous survey No. On U. S. quadrangle Maps From local information On local Maps P. O. Guide or Map Rand McNally Atlas U. S. Light List U. S. Coast Pilot</div>										
	A,	B,	C,	D	E	F	G	H	K	U.S.	
<u>MERICONEAG SOUND</u>	X		X			0		—	X	1	
<u>MIDDLE BAY</u>	X		X			X		X	X	2	
<u>MARE POINT BAY</u>	X		X			0		X	*	3	
<u>MAQUOIT BAY</u>	X		X					X	X	4	
<u>MACKEREL COVE</u>	X		X						X	5	
<u>MERRIMAN COVE</u>	X					X				6	
<u>MILL COVE</u>	X		X			X				7	
<u>ORR ISLAND</u>	X		X			0			X	8	
<u>POTTS POINT</u>	X		X					X		9	
<u>PETER COVE</u>	X		+			0				10	
<u>POTTS HARBOR</u>	X		X			X			X	11	
<u>POND ISLAND</u>	X		X						X	12	
<u>REED COVE</u>	X									13	
<u>RAM ISLAND</u>	X		X					X	X	14	
<u>RAM ISLAND</u>	X		X					X	X	15	
<u>SHELTER ISLAND</u>	X		X							16	
<u>SISTER ISLAND</u>	X		X						X	17	
<u>STOVER POINT</u>	X		X					—		18	
<u>SOUTH HARPSWELL</u>	X		X			X		X	X	19	
<u>SISTER ISLAND LEDGE</u>	X								X	20	
<u>THE GOSLINGS</u>	X		X							21	
<u>THE LOOKOUT Point</u>	X		X					X		22	
<u>TORRY ROCK</u>	X							X		23	
<u>THRUMCAP</u>	X		X					X	X	24	
<u>UPPER GOOSE ISLAND</u>	X		X			X		X	X	25	
<u>WHALEBOAT ISLAND</u>	X		X			X		X	X	26	
<u>WHITE ISLAND</u>	X		X							27	

M 234

Remarks.

Decisions

1	- U. S. Light List shows Merriconeag Sound O P. O. Guide show "Merriconeag Sound"	
2		
3	O P. O. Guide shows Mere Point Bay * U. S. Coast Pilot shows Mere Point Bay	
4		
5		
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7		
8	O P. O. Guide shows Orrs Island	Recent USGB - Orrs I.
9		
10	O P. O. Guide shows Peters Cove + U. S. Quadrangle shows Peters Cove	
11		
12		
13		
14		NNE of Pond I
15		near S. Harpswell
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18	- U. S. Light List shows Stovers Point	/
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GEOGRAPHIC NAMES

Survey No. T-5963

Name on Survey	On Chart No.	On previous survey No.	On U. S. quadrangle Maps	From local information	On local Maps	P. O. Guide or Map	Rand McNally Atlas	U. S. Light List	U. S. Coast Pilot
	A,	B,	C,	D	E	F	G	H	K
<u>WHITE POINT</u>	X		+						1
<u>WATER COVE</u>	X		+					X	2
<u>WIDGEON COVE</u>	X		X			X			3
<u>WILSON COVE</u>	X		X			X			4
<u>WILLS STRAIT</u>	X		+					X	5
									6
<u>Stover Cove</u>									7
<u>Williams Island</u>									8
<u>Casco Bay</u>									9
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Names underlined in red approved
by L. Heck on 3/12/46

Remarks

Decisions

1	<i>so does Nautical chart 315 (recent compilation)</i> + U. S. Quadrangle shows Whites Point <i>18.</i>	
2	+ U. S. Quadrangle-Horse Cove	
3		
4		
5	+ U. S. Quadrangle shows Wills Straits	
6		<i>S. end Harpswell Har.</i>
7		
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9		For title
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7 *48*
POST-OFFICE ADDRESS: U. S. Coast and Geodetic Survey
Orrs Island, Maine

22 TELEGRAPH ADDRESS:

EXPRESS ADDRESS:

60
82
82
1943 JUN 14 - AM 8:35
DEPARTMENT OF COMMERCE

U. S. COAST AND GEODETIC SURVEY

June 11, 1943

T-5763

To: The Director
U. S. Coast and Geodetic Survey
Washington, D. C.

From: Henry J. Healy
Lieut. Comdr., USCGS
Orrs Island, Maine

Subject: Investigation of rock awash (H-6732)

In accordance with request from Lieut. Comdr. L. P. Raynor, Commanding Officer of the Ship LYDONIA, an investigation was made for the rock awash shown on T-6732, Latitude 43° 45.10' and Longitude 69° 59.55'.

On Friday June 4, 1943, the vicinity of this questionable rock awash was completely covered using an 808 Fathometer installed in a 25 ft. skiff. The area was completely covered and no indication of this rock could be found. It is recommended that this rock awash be deleted from the records. The Hydrography proving the non-existence of this rock will be contained in the work on Field Sheet No. 7, being completed this year.

A tracing of the Hydrography accomplished is attached to this report.

Henry J. Healy
Henry J. Healy
Lieut. Comdr., USCGS
Chief of Party

HJH:KFJ

Copy to:
Commanding Officer of Ship LYDONIA



70°-00'
43°-56'

69°-59'

TRACED FROM BOAT SHEET No. 7
Soundings reduced for predicted tides only.

62 69 11 118 86 92 97 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000

43°-45'

REVIEW OF SHORELINE SURVEY T-5963

DIVISION OF PHOTOGRAMMETRY

Graphic control surveys for location of hydrographic control and hydrography preceded field inspection and compilation of this shoreline survey. The graphic control surveys located only small sections of shoreline.

Comparison with Contemporary Graphic Control Surveys.

The following graphic control surveys fall within the limits of T-5963. Permanent details from the graphic control surveys were traced onto the manuscript for T-5963 and minor adjustments between the surveys made during compilation.

6929b		
6843b	10,000	1941
6845b	10,000	1941
6851	10,000	1941

Comparison with Contemporary Hydrographic Surveys.

The following hydrographic surveys fall within the same area as T-5963. These have been compared during the review and numerous minor adjustments of details made in conference with the Review Section, Nautical Chart Branch.

H-6809	10,000	1942	
H-6731	10,000	1941	Add. Work 1943
H-6732	10,000	1941	Add. Work 1943

Comparison with Previous Surveys.

T-5963 has been compared with, and is adequate to supersede, those sections of the following old surveys which it covers.

T-847	10,000	1860-61
T-923	10,000	1863

Reviewed by Dorothy Moseley 1/22/45

Under the direction of Ralph Moore Berry

Approved by:

B. G. Jones 5/46
B. G. Jones, Technical Asst.
Div. of Photogrammetry

Robert W. Kux
Chief, Nautical Chart Branch
Division of Charts

K. T. Adams
Chief, Div. of Photogrammetry

Raymond P. Egan
Chief, Div. of Coastal Surveys