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

# HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1001

QUAD 440682 STATION 1001
\*\*AINE
\*\*LATITUDE 44 000' TD 44 030'
\*\*ONGITUDE 68 000' TO 68 030'
DIAGRAM NL 19-11 BANGOR

:									OL DITTI			
DEPARTMENT OF COMMERCE U. 6. COAST AND GEOCETIC SERVEY FORTH 521 Rey, May 1884 Name ALLEY	Year	19th Sketch	POGRAPHIC STATION for shoreline and air photograph refe		NAVE OF STATION:  ALLEY  MAINE  STATE:		1944 YEAR:			THIRD	-ORD±R	
General locality Blue Hill I Locality Western Bay Chief of party Fred. L. Pea Listed by Leo J. Kornetsl	Datum N.A. 1927		ocs and reference points:	à ·	G- 6353							
Checked by Ruth E. Rudolph Approximate elevation above high-water mark 3 feet . Location method: Finerable trainer, Theodolite, the fonegraphic p Detailed description: Station is located on the weste		the par		SEODETIC LATITUDE: SEODETIC LONGITUDE:	44 °24 ′19 68 23 33			\$t*xt*e	ð:	1 METERS		
of Alley Island, which i Western Bay in upper Blu	s on the northern side	3 (1)	WESTERN				STATE COOR	NATES (Feet)				
north of the southwester	n tip of Alloy Island, A of a grayel basok, l	, 15 meters 10 meters back of	the Mean High Water Lin	na,	STATE & ZONE	CODE	×		¥		# IO9∆ BI ANGLE	
7 meters south of northe west of end of old stone southern end of Island.	nd of flat ledge rock fence, and about 50 : Standard disc stampe	eters north of a "ALLEY 1944",	northern edge of cleared set in flat lodge rock.	area or	ME E	1801	528,04	4.42	208,508.	57 +	0° 04′ 30′	
SHORELINE REFER Object Driver Hean High Water 10	ENOE DISTANCES Direction Azimuth 00° 00' west	REFERENCE POINT Object	SIDENTIFIABLE ON AIR PHOTOGRAP Distant Direction Atlant to meeten 00° 00'	rus nh	* PLANE AZIMUTH HAS BEEN CO	OMPUTED BY THE 6	cq∆ 4) FORMULA	NEGLECTING THE S	ECOND TERM.			
Line .				•	TO STAT	TON OR OBJECT		GEODETIC AZIN (From sout)		LANE AZIMUTH (From south)	CODE	
danas	ok County, Maine, F. I	ion was recov	erea in Kooa con-	e*3 .								
4444an The origi	inal description is pographic disk, sta	i adequate and	complete. It	· .	:							
										52	354	

U. S. DÉPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY , NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTRUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1002 MAINE LATITUDE 44 0 DC, TO 44 0 33, LONGITUDE 68 0 00, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

### NO ORIGINAL TEXT

ASH (Hancock County, Maine, F.P.W., 1860; 1902) -- On the summit of a hill on the eastern side of Frenchman Bay, about 1/2 mile SE of Hammond Cove at the head of Stave Island Harbor, and about 1 1/2 miles NW of Winter Harbor. The road from Winter Harbor to W Goldsboro passes about 1/4 mile to the westward of the station. The latter is a hole drilled in a rock.

ASH (Hencock County, Maine, F.P.W., 1860; Maine Geod. S., 1930) -- I went to this station on August 26, 1930 and found an old and weathered signal structure over it. The foot of the center post was rotted, so that the drill hole could be seen and it appeared to be in good condition. The hill is densely wooded, with practically no view in any direction.

ASH (Hancock County, Maine, F.P.W., 1860; K.G.C., 1934) -- Station was recovered as described. It is on a hill 5 1/2 miles ENE of Bar Harbor and 1 1/2 miles NW of Winter Harbor.

Station and reference marks are standard bronze disks wedged

in drill holes in outcropping bedrock.

The station mark is 16 feet N of a 1 1/2 sheer face of the southern end of a 30-foot square ledge which slopes sharply to the N. It is 3 feet N of the S side of its own ledge and 0.4 foot S of a wide crack in the ledge.

Reference mark No.1 is 30.80 feet N of the station in the 30foot square ledge. It is 2.3 feet NE of the N edge of the rough gutter that runs NW in ledge at its summit.

Reference mark No.2 is 25.08 feet W of the station and 3 feet NW of a straight 2 1/2-foot edge in rock with a 6-inch sheer face. It is 32 feet SW of the southern end of the 30-foot square ledge.

At the westerly junction of Highways 1 and 186, follow Highway 186 S 5.4 miles to telephone pole No.214 and take old wagon road right about 1/4 mile to about 50 yards beyond summit of road. From here continue in a southerly direction to summit of hill and station.

A 30-foot signal was used. OBJECT .DISTANCE CALF meters 000010010 R.M.No.1 9.389 38 40 17 R.M.No.2 7.644 305 23 23 R.M.No.1 to R.M.No.2 12.442

ASH (Hancock County, Maine, P.P.W., 1860; F.L.P., 1944) ·Station and reference marks recovered in good condition as described by K.G.C. in 1934. Distances to reference marks were checked. The 30-foot signal still stands in fair condition over the station.

#### ADJUSTED HORIZONTAL CONTROL DATA

ASH NAME OF STATION:

STATE:

1860

SECOND

G- 6053

GEODETIC LATITUDE: 44 °24 '37.660 68 05 55.675	\$tated	88 METERS FEET
--	---------	-------------------

STATE CODRDINATES (Feet)					
CODE	×	Y	# 104 Q AI ANGLE		
1801	604,835.44	210,624.87	+ 0°16′51′		
		CODE X	CODE X Y		

. FLANE AZIMUTH HAS BEEN COMPUTED BY THE A (or  $\Delta$  heta), formula neglecting the second term

TOSTATION OR OBJECT	GEODETIC AZIPUTH (From scazi)	FLANE AZIPUTH*  (From south)	CODE
CALF	143 17 28.0	143 00 37	1801
•			
	1	1	

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY - NAT I ONAL GEODET IC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1003

LATITUDE 44 0 00' TO 44 0 30' LONGITUDE 68 0 00, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

## NO ORIGINAL TEXT

BAKER ISLAND LIGHTHOUSE (Hancock County, Maine, S.C. McC., 1881; K.G.C., 1934) -- The station was recovered and its position checked by observations. This was one of the main second-order points in the 1934 scheme.

It is a white cylindrical stone tower near the center of Baker Island S of Mount Desert Island.

BAKER ISLAND LIGHTHOUSE (Hancock County, Maine, S.C. McC., 1861; R., 1953) tion was recovered as described. A dirt road leads up to the lighthouse from the Coast Guard marine way on the NE side of the island.

BAKER ISLAND LIGHTHOUSE (Hencock County, Meine, S.C. McC., 1861; J.C.E., 1956) The station and reference marks were recovered in good condition.
The 1934 description by K.G.C. is adequate and complete.

	ADJUSTE	D HORIZON	ITAL CO	NTROL DA	.TA		
NAME OF STATION:	SLAND LIG	HTHOUS E					
MAINE	YE	1861			SEÇO		ORDĒR
G- 6053							
GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °14 ′28 ° 68 11 58 °			\$Y	XYED:	37	WETERS FEET
		STATE COORD	INATES (Fre	e)	<del></del>		
STATE & ZONE	CODE 1801	× 578,73	,	v 148,7	v 148,786.25		12'35
PLANE AZIMUTH HAS BEEN COW?	OTEDBY THE BICH	RA ¤I FORMULA	NEGLECTING	THE SECOND TER	IV.		
TO STATION	TORGO FO	:	(Fri	TG AZ-WUTH	(Fram s	zituth oztb)	CODE
						51 25	8

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 443682 STATION 1004
MAINE
LATITUDE 44 ° 0C' TO 44 ° 30'
LONGITUDE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR STATION 1004

			ADJUSTED	HORIZONTAL C	ONTROL DA	TA		
	- <i>11</i> -	NAME OF STATION: BALD						
DEPARTMENT OF COMMERCE U.L.COMPTON OF CONTROL SHOWN FOUND 654 Est. MAY 13M  DESCRIPTION OF RECOVERABLE TOPOGE  EST. MAY 13M  DESCRIPTIO		MATNE		1944		THIRD		
Name BALD Name BALD Name BALD Secretal locality Mt. Desert Island Cocality Frenchman Bay Cyclet of party Fred. L. Peacook Statist Py John M. Reinoldi Datum N. A. 1927  Datum N. A. 1927	ph reference	STATE: G- 6939	YEA	R:			- 0	ROÉR
Cheeked by Harry H. Rudolph Approximate elevation above high-water mark 20 feet Location method: Exceptable/Section of Teodolite, Augustagraphic plat	0, 1944	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °25 ′13."0 68 12 41.4		\$ d	XC'EB'	1	WETERS FEET
the highest part of Bald Rock, which is about 1 mile north of Bar Karbor, 11.8 meters from top edge of oliff				STATE COORDINATES (F	ien)			
to S.B. and 7.3 meters from edge of cliff in line with center part of Stave Island. Marked by a standard		STATE & ZONE	CODE	×	ν.	[	e ice∆	A ANGLE
topographic disc stamped "Bald, 1944".		ME E	1801	575,366.98	214,0	83.10	+ 0°	12'07
SHORELINE REFERENCE DISTANCES  SHORELINE REFERENCE DISTANCES  Object  Distance Dista	POGRAPHS							
00, 00,		* PLANE AZIMUTH HAS BEEN CO	MPUTED BY THE # ICA	Δ ¢1 FORWULA NEGLECTI	NG THE SECOND TE	iu.	- 1	
	-	TOSTATI	0 N OR 03/ECT		From south	FLANE AZI (From so.	voth*	EODE
Above distances measured by:  REVERENCES Topographs Marcal, purgraphs 10, 20, 30, 10, and page 62, Hydrographs Marcal, 2011.  10-11  11-11  12-11  13-11  14	109-9 670			i			52 36	8

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NATIONAL OCEAN SURVEY , NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QVAD 440682 MAINE STATION 1005 LATITUDE 44 0 00' TO 44 0 30' LONGITUDE 68 . 00, TO 68 . 30, DIAGRAM NL 19-11 BANGOR

### ADJUSTED HORIZONTAL CONTROL DATA

BAR ISLAND 2 (Hancock County, Maine, K.C.C., 1934) -- This station is on the E end of the ridge on the S end of Bar Island, which lies in Blue Hill Bay about 8 miles WSW of Northeast Harbor. The station is not on the highest point, but 3 or 4 feet under it in elevation and somewhat N of it. The station is on a large boulder, the top of which is above the ground and is somewhat triangular in shape, and about 2 1/2 feet on the side.

Station and reference marks are standard bronze disks set in

concrete in depressions in boulders.

Reference mark No.1 is N of the station. Reference mark No.2 is E of the station. Both are on almost wholly buried boulders.

OBJECT DISTANCE DIRECTION

HOPKINS meters 000010000 8.146 10.708 R.M.No.1 24 51 41 R.M.No.2 120 23 14 R.M.No.1 to R.M.No.2 14.063

BAR ISLAND 2 (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944) -Station recovered in good condition as described by K.G.C. in 1934.

BAR ISLAND 2

STA7E:

SECONO

-ORDER

G- 6053

44 °15 '20.'903 12 GEODETIC LATITUDE: SEXCEO. WETERS 68 27 28.144 GEODETIC LONGITUDE: PEET

STATE COORDINATES (feet)					
STATE & ZONE	CODE	×	Y	# IOR A ST ANOLE	
ME €	1801	511,051.38	153,995.77	+ 0°01′46′	

 $^{ullet}$  plane azimuth has been computed by the  $\,ullet$  for  $\!\Delta\,$  G1 formula neglecting the second term,

to station or object	GEODETIC AZIMUTH (From soxib)	FLANE AZIMUTH * (From sorth)	CODE	
Hopkins	162 04 09.2	162 02 23	1801	

F.P.W.

RECOVERED BY:

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

### HORIZONTAL CONTROL DATA

National Ocean Survey NORTH AMERICAN 1927 DATUM OVAD 440682 MAINE STATION 1006 44 000' TO 44 030' LATITUDE LONGITUDE 68 . 00, TO 68 . 30, DIAGRAM NL 19-11 BANGOR

# NO ORIGINAL TEXT

BAR HA	REOR CHURCH (Hancock County, Maine, F.P.W., 1860; F.L.P.,
* ***	RECOVERY NOTE, TRIANGULATION STATION
NAME OF STATION:	Bar Harbor Church

L.F. Smith YEAR: 1970 COUNTY: Hancock

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: In Bar Harbor

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent facts:

YEAR: 1860 STATE: MRING BENCH MARK(S) ALSO

A record book at the Bar Harbor Fire Station shows that the old church burned down on Feb. 1942. A new church was later built on church burned down on Feb. 1942. A new church was later built on the same plot of ground, and observations made on the steeple of this new church in November, 1970 from CADILLAC GROWND and SCHOODIC RM 3 indicate that it is at nearly the same position as the old steeple. At CADILLAC GROUND the new observation of the angle from Schoodic Mtn. Fire Tower 1934 to the steeple is 13 seconds lower than the published angle; at SCHOODIC RM 3 the new observation on the angle from Schoodic Mtn. Fire Tower 1934 to the steeple is 24 seconds lower than the published angle.

New Church Steeple is a sharp, green spire, on south end of the Bar Harbor Congregational Church, located in the northwest angle of the intersection of Kennebec St. and Mt. Desert St. in Bar Harbor

of the intersection of Kennebec St. and Mt. Desert St. in Bar Harbor.

	ADJUSTED	HORIZONTAL CO	NTROL DATA	
BAR	HARBOR CHJRCH			
MA INE STATE:	Y£A	1860	THIF	ORDER -ORDER
G- 6793 <sup>SOU</sup> NO: OBSERVATIO	ON CHECK ON TH	IS POSITION		
GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °23 ′14.″0 68 12 24.3		ELEVATION:	VETE FEET
		STATE COORDINATES (Feel	)	
STATE & ZONE	CODE	×	Υ	PIGRA GI ANGLE
ME E	1801	576,655.48	202,034.04	+ 0°12′1

PLANE AZIMUTH HAS BEEN COMPUTED BY THE \$ 10R A 41 FORMULA NEGLECTING THE SECOND TERM.

TO STATION OR DBJECT	GEODETIC AZIMUTH (From south)	PLANE AZIMUTH * (From south)	COD
	. , .	0 , *	
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and the second s			
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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1007

EATITUDE 44 0 00' TO 44 0 30'

LONGITUDE 68 0 OC, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

BARTLETT (Hancock County, Maine, 0.A.F., 1863) -- On the eastern side of Bartlett Island about 1/4 mile WNW from the head of Great Cove and about 1 1/2 miles from the northern extremity of the island.

Two large flat ledges of granite crop out at the summit of the hill and the station is on the highest and most northerly of these. It runs nearly level for about 16 yards and then drops abruptly. The house of David Bartlett is about 300 yards to the NW on a road leading toward North Point.

The station is marked by a copper bolt set in a hole in a rock.

BARTLETT (Hancock County, Maine, G.A.F., 1863; K.G.C., 1934) -Station recovered as described. It is on the eastern side of
Bartlett Island, in Blue Hill Bay, about 1/4 mile WNW of the head
of Great Cove, and about 1 1/2 miles from the northern point of
the island. Two large flat ledges of granite crop out on the summit
of the hill, the station being on the most northerly and highest
of these. The ledge here runs nearly level for about 16 yards
then drops off abruptly. The station is marked with a copper bolt
set in a hole in the rook.

Two reference marks, standard bronze disks wedged in drill holes in outcropping bedrock, were placed as follows: Reference mark No.1 being E of the station on the flat-topped ledge, and No.2 being SE of the station.

The station may easiest be reached by landing in the cove

The station may easiest be reached by landing in the cove just S of Great Cove and following the road there to the top of the hill to its junction with another road. Follow this road N about 500 yards to the top of the hill and turn right onto a woods road. Follow this road, keeping left at all doubtful points, about 600 yards to a pile of rocks and a blazed pine on the left. At this point a trail leads up the hill, past the southerly flat ledge to the station.

A 40-foot signal was built in 1934 and anchored with stones. Stones were also piled over the station mark.

OBJECT	DISTA	INCE	DIRECTION
CARTER	meters	feet	000010010
R.M.No.l	12,228	40.12	179 27 48
R.M.N8.2	12,308	40.38	257 24 28
R.M.No.1 to			
R.M.No.2	15.422	50.60	

BARTLETT (Hancock County, Maine, G.A.F., 1863; I.R.R., 1956)
The station mark and reference marks 1 and 2 were recovered in good condition. The distances to the reference marks and between the marks were verified. The 1934 recovery note by K.G.C. is adequate with the following additions:

The reference marks are stamped: "BARTLETT 1863 1934 NO 1." "BARTLETT 1863 1934 NO 2."

BARTLETT

STATE: MAINE

1863

SECOND

\_CEDER

G- 6053

GEODETICLATITUDE: 44 °21 '15.753 85 UETERS GEODETICLONGITUDE: 68 25 53.912 SCALED: FEET

STATE COORDINATES (Feet)						
STATE & ZONE	CODE	×	Y	B FOR A BI ANGLE		
ME E	1801	517,879.20	189,930.96	+ 0°02′52°		

PLANE AZIVUTH HAS BEEN CONFUTED BY THE β IOR Δ 41 FOR VULA NEGLECTING THE SECOND TERM.

TO STATION OR OBJECT	HTUMISA DITEGOSÐ (ásaka menk)	PLANE AZIMUTH * (From south)	CODE
CARTER	86 47 17.8	86 44 26	1801
	İ		

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NATIONAL OCEAN SURVEY - NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM  
 QUAD 440682 MAINE
 STATION 1008

 LATITUDE 44 000 TO 44 030 LONGITUDE 68 000 TO 68 030 DIAGRAM NL 19-11 BANGOR

## NO ORIGINAL TEXT

BASS HARBOR (Hancock County, Maine, G.A.F., 1863;1902) -- On a hill on Bass Harbor Head, Mount Desert Island, about 300 meters NE of the lighthouse.

The summit of the hill is bare and rocky and the station is a copper bolt set in a hole in a rock.

BASS HARBOR (Hancock County, Maine, G.A.F., 1863; K.G.C., 1934) -On Bass Harbor Head which lies in the most southernly tip of Mount
Desert Island and which lies between Bass Harbor and ship Harbor.
The station is in a cleared area, surrounded by trees and

about 1/4 mile N of Bass Harbor Head Lighthouse.

The station and reference marks are standard bronze disks wedged in drill holes in outcropping bedrock. The reference marks

were established in bare ledge.

To reach from Southwest Harbor, go S on Highway 102 about 2 miles and turn left at sign "McKinley 1 mile." Follow 0.8 mile and keep left fork; continue 0.7 mile and keep straight ahead on dirt road where main road turn left. Follow 0.5 mile to a triangular blaze on left and follow cleared trail E 0.1 mile to station.

A 30-foot tripod and scaffold was erected over the station in 1934.

OBJECT	DISTANCE	DIRECTION
	meters	
R.M.No.1	12.543	000010080
R.M.No.2	12.680	84 07 <b>1</b> 0
R.M.No.1 to R.M.No.2	16.902	

BASS HARBOR (Hancock County, Maine, G.A.F., 1863; F.L.F., 1944)
Station and reference marks recovered in good condition as described by K.G.C. in 1934.

### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION:	BASS HARBOR		
STATE: MAINE		1863 YEAR:	SECOND -ORD

G- 6053

SECOETIC LATITUDE: 44 °13 '27.558 GEODETIC LONGITUDE: 68 20 07.888 SCALLED:	37 VETERS
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STATE COORDINATES (Feet)						
STATE & ZONE	CODE	×	Y	BIONA BLANGLE		
ME E	1801	543,114,15	142,559.40	+ 0°06′53		
	ŀ					
		f				

Flane azimuth has been computed by the  $|s|\cos\Delta|$  at formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	PLANE AZIMUTH " (From south)	CODE
	0 / *	0	
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		1	
	ļ		
		1	
	ı	†	l

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

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM 

 QUAD 440682
 STATION 1009

 MAINE
 LATITUDE 44 000 TO 44 030 CONSTRUCT

 LONGITUDE 68 00C TO 68 030 CONSTRUCT

# NO ORIGINAL TEXT

BASS HARBOR HEAD LIGHTHOUSE (Hancock County, Maine, S.C.McC, 1861;K.G.C., 1934) -- The lighthouse on the southernmost point of Mount Desert Island. According to the lightkeeper and the light list the light has remained unchanged since it was constructed in 1858. It is a white tower connected to a house.

BASS HARBOR HEAD LIGHTHOUSE (Hancock County, Maine, S. C.McC, 1861; F.L.P., 1944); Station recovered in good condition as described by K.G.C. in 1934. According to information obtained from the Light List and Lightkeepen; the lighthouse has not been changed since it was built.

BASS HARBOR HEAD LIGHTHOUSE (Hancock County, Maine, S.C. McC., 1861; D.F.R., 1953)
Station was recovered. Description is adequate. Light is unchanged. Station is easily reached by a good road from McKinley.

### ADJUSTED HORIZONTAL CONTROL DATA

DIAGRAM NL 19-11

MAINE	Ye	1861 FAR:			THIF		ORDER
G- 6793							
EODETIC LATITUDE:	44 °13 ′18 . 68 20 16.	785 166		E 1	LEVATION:		NETERS FEET
		STATE COOR	DINATES (Fee	n)			
STATE & ZONE	CODE	×		Y			A OF ANGLE
ME E	1801	542,51	3.15	141,	669.90	+ 0	°06′47
PLANE AZIWUTH HAS BEEN C	CONTED BY THE 6 IO	AA ai FORMULA			nu.		
TOSTA	TION OR OBJECT		GEODE (Fi	TIC AZIMUTH om south)	PLANE A	ZIVUTH *	CODE
							•
-						52 <b>10</b> °	9
						•	

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY , "NATIONAL GEODETIC SURVEY

HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 NAINE

STATION 1010

LATITUDE 44 0 00' TO 44 0 30' LONGITUDE 68 0 00' TO 68 0 30' DIAGRAM NL 19-11 BANGOR

# NO ORIGINAL TEXT

BEAR ISLAND LIGHTHOUSE (Hancock County, Maine, 1902; K.G.C., 1934) -- Station recovered. It is SE of the entrance to Northeast Harbor and has a white cylindrical tower. Its position was redetermined by the 1934 observations.

BEAR ISLAND LIGHTHOUSE (Hancock County, Maine, F.D.G., 1902; D.F.R., 1953)
tion was recovered in good condition.

#### ADJUSTED HORIZONTAL CONTROL DATA

BEAR ISLAND LIGH
------------------

MA INE

YEAR: 1902

THIRD

-ORDER

G- 6793

GEODETICLONGITUDE: FEET	GEODETIC LATITUE	00 10 13*(31	ELEVATION:	WETERS FEET
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STATE COORDINATES (Feel)						
STATE & ZONE	EODE	×	Υ	# IO4 △ SI ANGLE		
ME E	1801	560,102.52	164,110.64	+ 0°09'37"		

 $^*$  flane azimuth has been computed by the | heta| formula neglecting the second term,

TO STATION OR OBJECT	GEODETIC AZIVOTH (From scarb)	FLANE AZIMUTH (From south)	CODE
		0 / 1	
	1	1	!

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

# HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1011
MAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

# NO ORIGINAL TEXT

DEPARTMENT OF CO	e sesviri	Γ	DESCRIPTION	OF RECOVERABI	E TOPOGR			
Name BEEN	Swan Islandint  od L. Pear  raham L.G.  or B. Schn  kon above high  conscious assort  station  thich is  in 12 mate  of M.H.W.	ncharaktet.   Long.   -water mark GEN, Theodolite,     is located on   located on   rs northwes	2 feet shortestands I on the ex	17-8570 27 Versions treme tip ern side line and	retch for shoreline distances and refer O DEEN	eance points:	sapa reterence	}
Object	PLANE REVER Distance in meters	, Direction 00° 00'	Arbeth	BEFERENCE F Object	OINTS IDENTIFIAR Distances in motors	Direction 00° 00'	Addicta	· . · ·
M.H.W.L.	4	North				,		
						, 	\$1049-4 d+0	

BEEN (Hancock County, Maine, F.L.P., 1944; I.R.R., 1956)

The station was recovered in good condition. The original description is adequate and complete with the following addition:

The station is marked by a topographic disk, stamped "BEEN 1944."

	ADJUSTE	D HORIZON	ITAL CO	NTROL DA	ιΤΑ		
NAME OF STATION: BEEN STATE: MAINE	,	(EAR: 1944			тнтя	<b>≀</b> 0	ADER
SOURCE: G- 8790							
GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °11 ′26 68 25 32	.480 .322		\$5	EXTLED.	6	WETERS FEET
	<del></del>	STATE COOR	VILLANDO /FIL				
•	· · · · · · · · · · · · · · · · · · ·	STATE COOR	DINATES (FEE	"			
STATE & ZONE	cone	×		٧		# ICRA	41 ANGLE
ME E	1801	519,50	1.85	130,2	65.44	+ 0	°03′07
* PLANE AZIMUTH HAS BEEN COM	UTEDBY THE 8	ORA 41 FORWULA	NEGLECTING	THE SECOND TER	iu,	1	
TO STATIO	N OR OBJECT			nc aziwuth om south)	FLANE A	2:Ч∪тн <sup>*</sup> юя <i>і</i> в)	CODE
						54 076	·

HORIZONTAL CONT

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

National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE STATION 1012 LATITUDE

44 0 00' TO 44 0 30' 68 000 TO 68 030 LONGITUDE DIAGRAM NL 19-11

BIRCH HARBOR, SHORT, WHITE CHURCH SPIRE (Hancook County, Maine, K.G.C., 1934) -- The center of the short, white spire on the frame church on the N side of the road in Birch Harbor Village.

BIRCH HARBOR, SHORT, WHITE CHURCH SPIRE (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944) church has been destroyed and the station is lost.

U.S. DEPARTMENT OF CONNERCE + COAST AND GEODETIC SURVEY RECOVERY NOTE, TRIANGULATION STATION

R

NAME OF STATION: BIRCH HARBOR, SHORT WHITE CHURCH SPIRE YEAR: 1934 STATE: Maine ESTABLISHED BY: K.G.C. RECOVERED BY: \*Carroll Merriam YEAR: 1959 County: Hancock

Form 526 (11-8-55)

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent factor Letter of Tr. Carroll Meriam, Collaborator, Prospect Harbor, Maine, dated 5/23/59:

There appears to be confusion in the identity of two churches in Birch Harbor, one of which has been destroyed. The church described in 1934 as being on the north side of the highway, is apparently a Mormon Kission which fell into disuse, and has been destroyed as reported in 1944. However the plane coordinates for the church match perfectly with the existing church on the south side of the highway. The plane coordinates were used in extending a control net for the vicinity of Birch Harbor with excellent results so there is no doubt that the published coordinates apply to the existing structure. It should be noted further that the plotted position for this station is on the south rather the north side of the highway as shown on T-8588.

OHAD 440682

RECOVERY NOTE, TRIANGULATION STATION INTERSECTION

R

К

NAME OF STATION: BIRCH HARBOR, SHORT WHITE CHURCH SPIRE BENCH MARK(S) ALSO YEAR: 1934 STATE: Maine ESTABLISHED BY: K.G.C. COUNTY: Hancock YEAR: 1968

RECOVERED BY: N.C.S. AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: At Birch Harbor.

above ground.

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent faces: Recovered in good condition as described, except that it is on the south side of State Highway 186 rather than the north side, and is 35 feet south of the center of the highway. (Spire is shown on Chart No. 306) Hr. Carroll F. Merrian states he has used the point for local control and found the published position correct. ',Old residents say it is the only church within memory at Birch Harbor.) RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION: Biroh Harbor, Short, White Church Spire
ESTABLISHED BY: K.G.C. YEAR: 1934 STATE: Maine BENCH MARK(S) ALSO COUNTY, Hangook YEAR: 1971 L.F. Smith At Birch Harbor AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN:

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertitions facts:

Station was recovered. Observations made on the spire from SCHOODIG 1860 check the old szimuth by 7.7 seconds. Mr. C.F. Merriam, of Prospect Harbor, who has spent a number of years in establishing a network of control survey in the area, has also confirmed the a network of control survey in the area, has also confirmed the position of the spire from some of his points. The church which was burned down was located about 300 yards eastward from this church.

Station is located in Birch Harbor, about 100 yards west along Station is located in Birch Harbor, about 100 yards west along the highway 186 from the post office at Birch Harbor, and so south side of the highway. Station is a sharp spire, on a square, white oupola, over entrance at north end of the church, which is a small, white, rectangular, wooden structure. Top of spire is about 40 feet

ADJUSTED HORIZONTAL CONTROL DATA

BIRCH HARBOR SHORT WHITE CH

NAME OF STATION

YEAR:

THIRD

-ORDER

SOUND! OBSERVATION CHECK ON THIS POSITION

GEODETIC LATITUDE:	44 °23 ′22.44 68 02 30.00	ELEVATION:	METERS PEET
de d			

STATE COORDINATES (FREE)								
STATE & ZONE	CODE	×	Y	SIGNA SIANGLE				
4E E	1801	619,806.87	203,086.65	+ 0°19'14				
				Ì				

PLANE AZIMUTH HAS BEEN COMPUTED BY THE BOOK OF FORMULA NEGLECTING THE SECOND TERM

GEODETIC AZIMUTH (From south)	FLANE AZIMUTH (From south)	CODE
0 1 1	0 " "	
İ	1	
1		
1	1	

SEP 1977
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY , NATIONAL GEODETIC SURVEY

# HOR JONTAL CONTROL DATA

by the National Ocean Survey North American 1927 Datum

DIAG 440682 STATION 1013
MAINE 44 000, TD 44 030,
LATITUDE 68 000, TO 68 030,
DIAGRAM NL 19-11 BANGOR STATION 1013

		ADJUSTEL	HORIZONT	AL CONTRO	L DATA		
PARTMENT OF COMMERCE LE COURT NO GEOGRAPHIC STATE BY THE SECOND SEA  EV. MAY 1584  DESCRIPTION OF RECOVERABLE TOPOGRAPHIC STATEON  THIST	NAME OF STATION:						
DI LOV	MAINE STATE:	YE	АН: 1944		TH	IRD	-ORGER
ral locality Jericho Bay, Vaine Sheet No. 7-8554 N distances and reference points:	0.0700						
partyFred. L. Peacock by Florence M. Senasack Lat.	G- 8790						
nry R. Rudolph Long BLACK LEDGE BLACK LEDG	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °04 ′55.* 68 29 41.*			\$ CATED	5	DETER
ion: Station is located on Black Ledge which	GEODETIC CONSTIDUE:				<u> </u>		FEET
south of the highest point of the ledge large fissure that runs the length of the			STATE COORDIN	(ATES (Fees)			
nd SE direction, Marked by a standard	STATE & ZONE	CODE	×		Υ		△ al Angle
	ME E	1801	501,316	.73	90,660,60	+	0.00,13
PERENCE DISTANCES  REFERENCE POINTS IDENTIFIABLE ON AIR PROTOGRAPHS  Object Distance  Distance  Distance  Distance  Distance  Atlanda							
00, 00,	* FLANE AZIVUTH HAS BEEN CO	¥FUTED BY THE A IOP	Δ 9) FORMULA N	FOLECTING THE SEC	ONOTERN		
				GEODETIC AZINU		E AZIMUTH*	
distances actually measured on the ground—not scaled.	TOSTALI	ON OR GRIECT		(From south)		m south)	CODE
y:							ľ
- 15-9326-9 aro							1
							•
						54 05	59

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY , NATIONAL GEODETIC SURVEY

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1014
MAINE
LATITUDE 44 000' TO 44 030'
LONGITUDE 68 000' TO 68 030'
DIAGRAM NL 19-11 BANGOR

		ADJUSTE	D HURIZONTAL C	ONTROL DA	IA		
	BL ACX	ISLAND					
DEPARTMENT OF COMMERCE  4. COMMERCE SHAPE	NAME OF STATION. MAINE		1944		THIRD		
Name BLACK (ISLAND)  General locality Blue Hill Bay, Maine Chekt of party Fred, L. Peacook  Year 1944, Sheet No. T-8572  M Sketch for shoreline and air photograph reference distances and reference points:  The sheet No. T-8572  M Sketch for shoreline and air photograph reference distances and reference points.	STATE: 6- 8790	Y	БАН: <u>.</u>			-ORCE	iA
Scaled by Ruth M. Whitson Checked by Walter E. Schuddt Approximate elevation above high water mark /o feet Location method: FEERINGSCHEEK, Theodolite, Alondricoronidophia	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °10 ′29. 68 21 15.		. \$4	ACTED:		WETERS FEET
Detailed description: Station is a standard topographic disc stamped "Black 1944" set in a drill hole in	:		STATE COORDINATES (	Seet)			
in ledge wook on the southmest side of Black Island (8. of Little Gott Island), at extrexe 8.tip of sharp penineula of land which points south. Point is BLACK (ISLAND)	STATE & ZONE	€op€	×	Y		е :ся∆ а).	ANGLE
about 750 meters naw of Little Black Island. Station is about 2 meters south of 8 foot evergreen tree which is southermnost tree on point, and is meters from mean highwater line on Point.	ME E	1801	538,257.33	124,5	21.83	+ 0°0	6′06″
CHORMLINE REFERENCE DISTANCES ONces Distances Described Astroth Linders Distances Dist					<u> </u>		
M.H.W. line 16 south	FLANE AZIMUTH HAS BEEN C	DOMPUTED BY THE BIG	CRA 41 FORWULANEGLECT		1		
BLACK (ISLAND) (Hancock County, Maine, F.L.P., 1944; I.R.R., 1956)	TOSTA	TION OR DEJECT		DETIC AZIMUTH (Frame sound)	FLANE AZIM- (From south	01H 6)	CODE
1950) Was recovered in good condition. The original description is adequate and complete. It is marked by a topographic disk, stamped "BLACK 1944."						54 081	

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

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1015

LATITUDE 44 0 00' TO 44 0 30' LONGITUDE 68 0 0C' TO 68 0 30' DIAGRAM NL 19-11 BANGOR

## NO ORIGINAL TEXT

BLUE HILL BAY (PIYE ISLAND) LIGHTHOUSE (Hancock County, Maine, G.A.F., 1864; K.G.C., 1934) -- Recovered. The lighthouse is now not in commission. The station is the center of the tower on Green Island which is about 1/2 mile SE of Flye Island in the S part of Blue Hill Bey. The position of this station is determined by 1934 observations.

BLUE HILL BAY (FLYE ISLAND) LIGHTHOUSE (GREEN ISLAND BEACON) (Hancock County, Maine, G.A.F., 1864; I.R.R., 1956) condition. The 1954 recovery note by K.G.C. is adequate and complete.

### ADJUSTED HORIZONTAL CONTROL DATA

	BLUE	HILL	BAY-F	LYE	IS-L	н
--	------	------	-------	-----	------	---

STATE: MAINE

186

THIRD

- ORDER

G- 6793

 GEODETIC LATITUDE:
 44 "14 "55."224
 ELEVATION:
 METERS

 GEODETIC LONGITUDE:
 68 29 54.295
 FRET

STATE COORDINATES (Feet)								
STATE & ZONE	CODE	×	¥	# ICRA OI ANGLE				
ME E	1801	500,415.23	151,392.81	+ 0°00′04				

\* plane azimuth has been couputed by the  $|\theta|$  for  $|\Phi|$  formula neglecting the second term.

GEODÉTIC AZIMUTH (From south)	PEANE AZIMUTH * (From soath)	CODE
0 / 7	0 , ,	
1		
	(From soush)	(From south) (From south)

SEP 1977 U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY . NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTRUL DATA

National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 HAINE STATION 1016 LATITUDE 44 000' to 44 030' LONGITUDE 68 0 00' TO 68 0 30' DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

BLUFF POINT (Hancock County, Maine, G. A.F., 1864) -- On the E side of Union River Bay, close to the shore and about 350 meters W of the road to Ellsworth and about 1 1/4 miles S of Weymouth Point. The distance to Ellaworth is about 5 miles NNE.

The station is marked by a copper bolt set in a hole in a rock.

BLUFF POINT (Hancock County, Maine, G.A.F., 1864; K.G.C., 1934) --This station was recovered and re-marked with a standard bronze disk wedged in a drill hole in outcropping bedrock, but no reference marks were established. It is in Trenton Township, on the E side of Union River Bay and about 1 1/4 miles SSE of Weymouth Point. It is on the highest point of a small wooded knoll about 400 feet S of a small cottage. A traverse was run to the station from the newly established station UNION. See description of UNION.

To reach station from Ellsworth post office go S 5.7 miles on the road that runs down the E side of Union River and turn right between two houses. Follow 0.15 mile and take left fork. Continue 0.15 mile passing two driveways on the right, and then turn right at the post with iron brackets. Follow this drive to a cottage on the river bank. From here walk S along the high-water line about 400 feet to a rocky point. The station is on the knoll about 100 feet E of this point.

BLUFF POINT (Hancock County, Maine, G.A.F., 1864; F.L.P., 1944) -Station recovered in good condition as described by K.G.C. in 1934, except that it can now be reached easier by going S from Ellsworth Post Office 5.45 miles on the road that runs down the E side of Union River Bay and turns right on gravel road. Follow for 0.25 mile to white shingled summer home which is now owned by Mr. H.C. Stratton of Ellsworth. Follow path N along shore about 250 feet. Station is about 100 feet E of the high-water line, on the highest point of the wooded knoll, and in a ledge outcrop. The mark is about 4 inches below the highest part of the ledge and about 6 inches E of the highest part of the ledge. A prominent pile of rocks was left over the station to aid in recovery, as the ledge is covered with pine

BLUFF POINT (Hancock County, Maine, G.A.F., 1864; I.R.R., 1956) The station was

needles, moss, and earth.

The station was recovered in good condition. The 1934 description is inadequate for recovery. A new description follows:

The station is located about 5.4 mi. S of Ellsworth, on the E shore of Union River Bay, 1.2 mi. S-SE of Weymouth Point, and 0.4 mi. S of Mill Cove. It is about 360 ft. N of Mr. Raleigh Ingalls' summerhouse, 100 ft. E of the mean high-waterline, and on the highest point of a wooded knoll. A prominent pile of rocks is over the station. The station is marked by a standard dist is over the station. The station is marked by a standard disk, stamped "BLUFF FOINT 1864 1934" set in a ledge rock.

To reach the station from the post office in Ellsworth, go

5.5 ml. S along Maine State Highway 230 to a private gravel road leading W, turn W on this road and proceed 0.25 ml. to a whiteshingled summerhouse owned by Mr. Ingells, and thence go N about 350 ft. along a path near the shore to the station site.

NAME OF	STATION:	DLOI I	, 01,,,				
STATE:	MAINE			YEAR:	1864	THIRD	-08D <b>6</b>

G- 6793

BLUEF POINT

GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 27 '54 561 68 25 44 475	\$ <b>ሂ</b> አኒቴሪ	11	METERS FEET

STATE & ZONE	CODE	×	Y	# ICRA 41 ANGLE
ME E	1801	518.529.83	230,313.87	+ 0°02′59

 $^{*}$  plane azimuth has been computed by the |s| for  $\Delta$   $|\mathfrak{a}|$  formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From soaib)	PLANE AZIMUTH * (From south)	CODE
	. , ,	0 , *	

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANG AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY - NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 MAINE STATION 1017 44 0 00' TO 44 0 30' LATITUDE LONGITUDE 68 . 00, TO 68 . 30, DIAGRAM NL 19-11

#### ADJUSTED HORIZONTAL CONTROL DATA

BOWES (Hancock County, Maine, K.C.C., 1934) -- The station is on the extreme NE point of Black Island which lies on the N side of Casco Passage in Blue Hill Bay about a mile N of Swan Island. The station and its reference marks are on large, smooth, flat ledges, the station being about 10 meters above high-water line, and 3 meters NE of the tree line.

Station and reference marks are standard bronze disks wedged in

drill holes in outcropping bedrock.

Reference mark No.1 is NE of the station and reference mark No.2 is NW of the station. The rocks used to anchor the signal may help to identify the location of the station.

OBJECT DISTANCE DIRECTION BAR ISLAND 2 meters 000010010 R.M.No.1 5.035 55 04 08 R.M.No.2 5.796 324 03 15 R.M.No.1 to R.M.No.2 7.747

Height of light above station mark - 5 meters. Height of telescope above station mark-1 1/2 meters.

BOWES (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944) Station and reference marks recovered as described in good condition. Distances to reference marks measured and checked.

STATE:

1934

SECOND

BANGOR

-ORGER

G- 6053

44 °12 '06:395 GEODETIC LATITUDE: 68 27 16.616 GEODETIC LONGITUDE:

\$CACED METERS FEET

		STATE COORDINATES (Feet)		
STATE & ZONE	CODE	×	Y	8 IONA AL ANGLE
ME E	1801	511,901.21	134,301.44	+ 0°01′54°

 $^{*}$  plane azimuth has been confuted by the  $^{-}$ 6  $\cos\Delta$   $^{-}$ 6 formula neglecting the second term

TO STATION OR GOJECT	GEODETIC AZIMUTH (From south)	PLANE AZIMUTH*  (From south)	CODE
BAR ISLAND 8	177 33 38.6	177 31 45	1801
		į	

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

# HORIZONTAL CONTRUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 Mai ne STATION 1018

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30' BIAGRAM NL 19-11 BANGUR

#### ADJUSTED HORIZONTAL CONTROL DATA

BROWN MOUNTAIN (Hancock County, Maine, G.A.F., 1870) -- On the mountain of that name, located on the E side of Somes Sound and about halfway up.

The station is on a ridge near the center of the mountain and about 100 yards W of the highest peak. A short distance to the southward of the station, there is a large boulder cleft in the middle and on the next peak there is a large pile of rocks. The station mark is a copper bolt set in a hole in a rock.

BROWN MOUNTAIN (Hancock County, Maine, G.A.F., 1870; K.G.C., 1934) -- Station recovered as described.

The original copper bolt was left in place as the station mark and 2 reference marks, standard bronze disks wedged in drill holes in outcropping bedrock, were installed.

To reach the station from Ellsworth, go W on Highway 3 to junction with Highway 198 then follow Highway 198, 7.4 miles to the Brown Mountain trail which leaves the road just S of a stone culvert over a small stream, follow trail SW about 0.8 mile to station.

OBJECT MAG. NORTH (approx.)	DISTANCE meters	DIRECTION 0°00 0000
R.M.No.1	3.145	271 43
R.M.No.2	4.915	344 07
R.M.No.1 to R.M.No.2	4.955	

BROWN MOUNTAIN (Hancock County, Maine, G.A.F., 1870; F.L.P., 1944)

Station and reference marks
recovered in good condition as described by K.G.C. in 1934. Distance to reference marks were checked and the following distances
were obtained. Reference mark 1 is 3.080 meters and reference
mark 2 is 4.895 meters. The distances given in 1934 appear to be
the slope distance.

NAME OF STATION: BROWN HOUNTAIN

MATNE

1870

SECOND

-08D£

G- 6053

GEODETIC LATITUDE: 44 °19 '27.*194 GEODETIC LONGITUDE: 68 17 49.475	SUALED	260	VETERS FEET
---	--------	-----	----------------

STATE COORDINATES (FEEL)					
STATE & ZONE	CODE	×	Ψ	8 FOR A 41 ANGLE	
ME E	1801	553,102.55	178,996.93	+ 0.08,30,	

FLANE AZIMUTH HAS BEEN COMPUTED BY THE  $\, g\, \log \Delta \,$  at formula neglecting the second term,

TO STATION OR OBJECT	1	GEODETIC AZIM (From 1011b)		PLANE AZII (From 502		CODE
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	- 1		ŀ			
	1				- 1	

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

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM GUAD 440682 STATION 1019
MAINE
LATITUDE 44 000, TO 44 030,
LONGITUDE 68 000, TO 68 030,
DIAGRAM NL 19-11 BANGOR

						L CONTROL D			
Department of Commerce B. B. Cost up stoote beying Form \$34 Bet, May 150	description of recoverable topograp	- Y	NAVE OF STATION:  MA INE STATE:		1944 AR:		THIR		
Name RMP General locality Frenchman Bay Locality Ash Neck Chief of party Fred L. Peacocks MRR by Ruth B. Rudolph		se and air photograph reference	G→ 6939 SOURCE:	,,	nn-			-0	ROER
thecked by Raymond Olasor  pproximate elevation above high-water;  ocation method; FREEEL SEERS Th	eodolite; AMATAKATATATA		GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °28 '44.' 68 08 25.		:	SCALED.	1	METERS FEET
f Ash Neck in upper French ween Ash Point and Hall Po	int, about 100 meters east				STATE COORDINATE	ES (Feet)			
a small dock and on the cuding point in the south standard disc stamped "Build about 3 meters back of	wasta side of the small . ] side of the meck. Mark is mp, 1944 set in ledge rock the Mean High Water Line.	HALL POINT	STATE & ZONE	con∈ 1801	× 593,857.3		y 598.73	ŧ	41 ANGLE
SHORELINE REFERENCE DI Object Directors Dire	STANCES REFERENCE POINTS IDENTIFY Other Distance Distance	Direction Arbueth	:						
00°	-	903 904	FLANE AZIMUTH HAS BEEN C	OVPUTED BY THE # IC	1	LECTING THE SECOND T	ERU,		
			TOSTA	TION OR DBJECT		(From south)	(From:	zivora path)	CODE
								52 380	)
			:						

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1020

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30' DIAGRAM NL 19-11 BANGOR

# NO ORIGINAL TEXT

BUNKER LEDGE MONULTRY (Hancock County, Maine, G.A.F., 1863; F.L.P., 1944). Station recovered in good condition. The U.S. Coast Guard has no record as to the date of its construction, but it was before 1870, and has not been changed since that date.

BUNKER LEDGE MONUMENT (Hancock County, Maine, G.A.F., 1863; D.F.R., 1953) -Station was recovered in good condition.

### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION:	BUNKER LEDGE	MONUME	NT		
STATE: MAINE		YEAR:	1863	THIRD	- ORDER

SOURCE: G- 6793

GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °16 '47.'489 68 13 24.947	ELEVATION	. WETERS

STATE COORDINATES (Feet)					
STATE & ZONE	cone	×	Y	# IOR A PI ANGLE	
ME E	1801	572,385.83	162,882.09	+ 0°11′35″	

" FLANE AZINUTH HAS BEEN CONFUTED BY THE  $\, s$  IOA $\Delta \,$  O1. FORMULA REQUESTING THE SECOND TERM

TO STATION OR GREET	GEODETIC AZIMUTH (From sozib)	PLANE AZIMUTH*  (From south)	CODI
	0 / *	. , .	
	I	1 1	
•			

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

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1021
MAT NE
LATITUDE 44 000 TO 44 030 (
LONGITUDE 58 000 TO 68 030 (

### NO ORIGINAL TEXT

BUNKER (Hancock County, Maine, G.A.F., 1865; 1911) -- On the highest part of Old Point, which lies between Jordan River and Berrys Cove and to the northwestward of Mount Desert Island's most northern point. The station is about 1/2 mile N of the extremity of Old Point, 1/4 mile W of shore of Berrys Cove, and about 150 meters S of the road leading to Lamoine. The land belongs to Martin Bunker, whose house is on the S side of the road and near the station. A stone fence is 12 paces W, and a rail fence 44 paces S of the station, which is marked by a copper bolt in a hole in a rock.

BUNKER (Hancock County, Meine, G.A.F., 1865; K.G.C., 1834) -- Station is in Lamoine Township, on Oak Point which lies between Berrys Cove and Jordan River. The station is about 3/4 mile W of Berrys Cove and about 3/4 mile NWW of the S point of Oak point. It is in an open field just S of the home of Mr. R.D. Harding who now owns the S tree line.

Reference marks are standard bronze disks wedged in drill holes in outcropping bedrock. Reference mark No.1 is 15 feet E of the W tree line and 135 feet N of the S tree line.

Reference mark No.2 is 10 feet E of the W tree line and 185 feet N of the S tree line.

To reach from Ellsworth, go S 2.0 miles on U.S. Highway 1, and take right fork onto Highway 184. Follow S 6.6 miles to home of Mr. Harding, turn right at house and proceed about 150 meters across meadow to station.

 OBJECT
 DISTANCE
 DIRECTION

 TRENTON POINT
 meters
 0°00'00"0

 R.W.No.1
 9.498
 172 43 57

 R.W.No.2
 15.588
 248 55 05

 R.W.No.1 to R.W.No.2
 16.200

BUNKER (Hancock County, Maine, G.A.F., 1865; F. Kraus, 1952)

Letter of Mrs. Frederika Kraus,
Reference mark 1 destroyed.
Reference-mark disk, stamped "BUNKER NO 1 1865 1934" received
at this office June 30, 1952.

BUNKER (Hancock County, Maine, G.A.F., 1865; I.R.R., 1956)

and both reference marks were recovered in good condition. The
distances to and between reference marks were verified. The previous description is adequate with the following additions:

The house and property referred to in the previous description are now owned by Mrs. Frederika Kraus. The reference mark,
which she forwarded to Washington in 1952, evidently must have
been an extra mark discarded by the 1934 field party as both
reference marks described in the 1934 description were recovered.

The station mark is a standard disk, stamped "BUNKER 1865"
Reference mark 1 is a standard disk, stamped "BUNKER 1934"
NO 1."

(A.R.B.,1975)--

Station recovered in good condition as described in BOOK 536, pg.10 with exception that property is now owned by H.A. Hartline.

#### ADJUSTED HORIZONTAL CONTROL DATA

DIAGRAM NL 19-11

BUNKER

MA INE

1865

SECOND

BANGOR

-ORDI

G= 6053

GEODETIC LATITUDE: 68 20 04.567 SCATTEN: 42 METERS GEODETIC LONGITUDE: 68 20 04.567

STATE & ZONE	CODE	×	<b>,y</b>	B TORA ALANGLE
ME E	1801	543,184.11	227,737.22	+ 0°06′57′

Plane azymuth has been computed by the  $\,\, heta\,$  (or  $\Delta\,$  4). Formula neglecting the second term,

TO STATION OR OBJECT	GEOGÉTIC AZIMUTH (from seath)	FLANE AZ/VUTH * (From south)	CODE
TRENTON POINT	247 30 22.6	247 23 26	1801
		1	

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

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAB 440682 STATION 1022
MAINE
LATITUDE 44 000 TO 44 030 tongitude 68 000 TO 68 030 blagram NL 19-11 BANGGR

			ADJUST	ED HORIZON	TAL CONTRO	)L DATA		
DEPARTMENT OF COMMERCE  G. E COMP NO ECOCITE EMPTY  FORTH SET  EV. May 184	24,	NAME OF STATION:	,	1944		ТНІ	0.0	
Name Burnt, 1944 Year 1944 Shetch for shoreline and air photograph reference General locality Frenchman Bay Shet No. T-8583 Locality Burnt Porcupine Island Datum N. A. 1927 Chief clarety Fred. L. Peacock Listed Oyred. L. Peacock		STATE: MAINE  G- 6939  SOURCE:		YEAR: IJYY		Int		RDĒŖ
Checked by Harry R, Rudolph   Approximate elevation above high-water mark Location method: Figure 2 (1997)	te trapitation pak Porcuping	GEODETIC LATITUDE:	44 °24 ′25 68 10 45			\$EXTED.	6	VETERS FEET
Detailed description: Station is locate of Burnt Porcupine Island, whic E.N.E. of Bar Harbor, 25 meters northerly next 5 meters outsid	h is about 12 miles kest of the most			STATE COORD	NATES (Feel)			
northerly pert, 5 meters outside the grass line, 2 meters from the Mean High-Water Line. Mark is a stendard topographic disc stemped "Burnt, 1944", set in a lerge flat ledge rock which is about 5 meters square.		ME E ME W	1801 1802	583,81; 1,019,386		7 209,292,77 579,930.08	+ 0°	**************************************
Object Distance Dista	Arbuuth Object Distance Direction Arbuuth	PLANE AZIMUTH HAS BEEN O	CANCEL DE VIDE A	CORA DI SOCRIDI A	- COLECTION TO BE	CONTERN	<u> </u>	
			FION OR OBJECT		GEODETIC AZIMI (From south)	UTH PLANE	AZIVUTH *	CODE
Distances must be horizontal distances actual Above distances measured by: REFERENCES: Topographe Macral, paragraphs Mr., 2								
,							;	
							52 372	?
,								

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

## HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM GUAD 440682 MAINE STATION 1023 LATITUDE 44 ° 00' TO 44 ° 30'

LONGITUDE 68 . 0C, TO 68 . 30, DIAGRAM NL 19-11 BANGOR

# NO ORIGINAL TEXT

BURNT COAT LIGHTHOUSE (Hancock County, Maine, J. W.D., 1875; K.G.C., 1934) -- Recovered. At the entrance to Burnt Coat Harbor at the SW side of Swan Island in Jericho Bay. The station is the center of the white square tower which is connected to a dwelling. Its position was redetermined by 1934 observations.

BURNT COAT HARBOR LIGHTHOUSE (Hancock County, Maine, J. W.D., 1875; I.R.R., 1956)
The station was recovered in good condition. The 1934 recovery note by K.G.C. is adequate and complete.

#### ADJUSTED HORIZONTAL CONTROL DATA

AVE OF STATI	ON: BURNT	COAT HARBOR	LIGHTHOUSE		
TATE: MAI	NE	YEAR	1875	THIRD	~CROER

G- 6793 SOURCE:

	0500ETICLATITUDE: 44 °08 '02 821 ELEV.	ATION: MEYERS FEET
--	--	--------------------

STATE COORDINATES (Feet)									
STATE & ZONE	CODE	×	٧	BIONA DI ANGLE					
ME E	1801	513,708.86	109,639.86	+ 0°02'11					

" Plane azimuth has been computed by the |g| for  $\Delta|g|$  for mula neglecting the second term.

TOSEBO RO MOITATS OT	GEODETIC AZIMUTH (Eram south)			
		0 / 1		
	•	1	'	

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

## HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 Maine

STATION 1024

LATHTUDE 44 0 00' TO 44 0 30' LONGITUDE 68 . 00, TO 68 . 30, DIAGRAM NL 19-11

BANGOR

# NO ORIGINAL TEXT

BURNT COAT (Hancock County, Maine, J.W.D., 1875;1911) -- On a high ridge of the peninsula forming the W side of Burnt Coat Harbor, Swan Island.

The station is in the southern and highest part of the ridge and is about 1/2 mile NW of the lighthouse on the end of the same peninsula. It is marked by a 1/2-inch drill hole in the top of a boulder standing about 3 feet higher than the general level. Owing to the thick growth of young fir or spruce trees the station was not found in 1911, but probably still exists.

BURNT COAT (Hancock County, Maine, J.W.D., 1875; F.L.P., 1944)

-Station was searched for along the ridge of the peninsula, but not found. The ridge is covered with a heavy growth of moss and firs and makes the station very hard to locate. The station probably still exists.

•	ADJUSTI	ED HORIZON	ITAL CO	NTROL DA	TA		
BURNT (	OA T						
MAINE		1875			RIHT		ORDER
G- 6793							
SEODÈTIC LATITUDE: SEODÈTIC LONGITUDE:	44 °08 ′21 68 27 15	.'82 .99		Šť	XCEO:	43	DETER!
		STATE COOR	INATES (Feet	·)			
STATE & ZONE	COOE	×		Y		0 1042	A) ANGLE
ME E	1801	511,95	9.41	111.5	62.52		° 01 ′ 54
PLANE AZIMUTH HAS BEEN COMP	UTEO BY THE &	IDR∆ AI FORWULA	NEGLECTING	THE SECOND TER	M.		
TOSTATION	OR Calect			ाट A द्राध्यम् ला ध्यार्थ)	FLANE A		CODE
POSITION DETERMI	NED BY D	ATUM DIFFE	RENCES			52 194	4

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

# HORIZUNTAL CONTROL DATA

by the National Ocean Survey North аменісан 1927 ратим QUAD 440682 STATION 1025
MAINE
LATITUDE 44 ° 3C' TO 44 ° 30'
LONGITUDE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

to a coast and exception Form 524 Ear, May 1834		ESCRIPTION OF RECOV	•		ŕ
List Chief of party Fred Chief by Leo J.  Cheeked by Ruth B  Approximate elevatio Location method: The Detailed description:	y Neck Datum L. Peacook Kornetaky	4 fest	Sketch for shoreline distances and refusive sand refusive		raph reference
Newbury Neck i east of the Me the rock and p a standard dis	urnt Point on the son upper Blue Hill Ba an High Water Line. oint is bare except o stamped "Bury 19山	y, 16 meters north The area between at high tide. Man " set in ledge roo	k 1s	Sub. St	POINT X1944 L BURY
Oble: . Mean High Water Line	Distance in Enterton 100° 00° 16 southwest	Astauth Obs		Direction	Atlanth
	norisontal distances actually measured by: raphic Mancal, paramphs 1/2, 29, 20, 5			15	1 21069-9 Gr
condition.	Hencock County,Ma The original des d by a topographi	The station was cription is add	recovered in	good	1

						•••		
BURY MAINE	٧	1944 EAR:				THIR		ROER
G- 6853								
SEODETIC LATITUDE: SEODETIC LONGITUDE:	44 °22 ′35. 68 28 09.	442 159			\$6	XCED	1	WETERS FEET
		STATE COORD	INATES (Fee	 et)				
STATE & ZONE	CODE	*		Ι			# 108 A	GI ANGLE
ME E	1801	508:04	9.98	19	7,99	94.07		°01′18″
FLANE AZINUTH HAS BEEN CO	NAME OF THE ASSET							
	ION OR OBJECT	DATE AT PORMULA	DEODE:	TIC AZ: WUTS		FLANE A	EMUTH*	EODE
				· · ·	'	(From s	, ,	
		İ						
		, ]						
							52 350	)

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

# HORIZONTAL CON ...OL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1026

QUAD 440682 STATION 1026
MAINE
LATITUDE 44 000, 70 44 030,
LONGITUDE 68 000, 70 68 030,
DIAGRAM NL 19-11 BANGOR

				ADJUSTED	HORIZONTAL COI	VIRUL DATA		
	. =		NAME OF STATION:					
DEPARTMENT OF COMMERCE  B. A. COAST AND GEODETIC REPORT  FOR THE STATE OF COMMERCE  B. A. COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC REPORT  OF COAST AND GEODETIC R	OF RECOVERABLE TOPOGRAPHIC	STATION 7 0.62	MA INE	YEA	1944	THE		ROER
Name OALF General locality Blue Hill Bay, Me. Sheet N Locality Tinker Id. (M. end) Oatum M.A. 192 (Childed party Fred. L. Peacock	No. T-8588 Sketch for shoreline and distances and referen	d air photograph reference	G- 6853				-0	HOEH
Checked by Reymond Glaser Approximate elevation above high-water mark 8 feet Location method: FRITELE ANNIEL Theodolite, APPROXIMAT, Theodolite, APPROXIMAT, Detailed description: Station is a standard disk se	exapsis of the drill of the second	The same of the sa	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °16 '56.'3 68 29 34.7		SCATED:	1	METERS FEET
hole in large outcrop of ledge at H.W. tip Id. Ledge is about 6° above basch and is o	only high	, 192,			STATE COORDINATES (Feet	)		
outerop of ledge along this section of sho	ore.		STATE & ZONE	CODE	×	٧		A A LANGLE
•	•		HE E	1801	501,836.39	163,653.65	+ 0	00′18″
CHORELINE REFERENCE DISTANCES Office Distance Direction Attendth	REFERENCE POINTS IDENTIFIABLE Object Distance Interior	Direction Arthropia						
00, 00,	-	00° 00′	* PLANE AZIWUTH HAS BEEN CO	MANUEL BY THE BIOS	Δ 41 FORMULA NEGLECTING	THE SECOND TERM.		1
M.H.W.L. 5 N.W.			TOSTAT	TOSTEO RO NO		TIC AZIMUTH PLANE OM SOZIÊ) (Fro	E AZIVUTH * EZ 50 21 Å)	COOE
Distances must be horizontal distances actually measured on ti					l			
Above distances measured by:	Hydrographio Manuel, 2311.	18-11002-2 670			İ		İ	ļ
CALF (Hancock County, Maine, F.	T. P. 1984:T R R . 1956)						:	İ
The st condition. The original descripti The station is marked by a topogra	ation was recovered in on is adequate and comp	good Slete.			·	·		
			a de la companya de l					
							52 34	¥6

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

## HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1027

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 . 00, TO 68 . 30, DIAGRAM Nt. 19-11 8 ANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

CALF (Hancock County, Maine, F.P.W., 1860) -- On a wooded hill in the southern part of Calf Island, eastern part of Frenchmans Bay, owned by Nathaniel Stover, whose house is a short distance to the SE.

The station is a hole drilled in a rock.

CALF (Hancock County, Maine, F.P.W., 1660; K.G.C., 1934) -- Station was recovered as described. It is on the highest point on the eastern end of Calf Island, which is in Frenchmans Bay 5 1/2 miles NE of Bar Harbor and is on W side of Flanders Bay. Station is on a high ledge which is in shape of a mound and is 10 meters N of a prominent trail running the length of the island.

A new mark, a standard bronze disk was set in the original drill hole, and two new reference marks, standard bronze disks wedged in drill holes in outcropping bedrock, were set.

Reference mark No.1 is 3 meters SW of the trail in a ledge resembling a boulder 3 feet high. Reference mark No.2 is 5 meters SW of the trail at the highest point and is in a flat ledge on the NE side of a mound of several ledges.

Station is most easily reached from the NE side of the Talvet

Station is most easily reached from the NE side of the Island. Land at a wharf and follow road 1/4 mile S to cottages, then follow prominent trail 1/4 mile SW to summit of hill.

OBJECT	DISTANCE	DIRECTION
ASH	meters	020010020
R.M.No.1	15.121	38 47 26
R.M.No.2	15.065	120 52 38
Schoodic Mt.Fire Tower	40,000	218 30 00
R. M. No. 1 to R. W. No. 2	10.918	00 00 014

CALF (Hancock County, Maine, F.P.W., 1860; F.L.P., 1944) -Station and reference marks recovered in good condition. Description is adequate. Reference mark distances measured and check.

NAME OF STATION:

MAINE

1860

SECOND

G- 6053

GEODETIC LATITUDE: 44 * 27 * 42 * 298 GEODETIC LONGITUDE: 68 09 07 • 943	SCALED 46	METERS FEET
--	-----------	----------------

* 1	# 109 ∆ GI ANGLE
9,257.13	+ 0°14′37″
	9,257.13

 $^{ullet}$  plane azivuth has been covputed by the  $\,$  8 (or  $\Delta$  =). Forwula neglecting the second term,

TO STATION OR OBJECT	GEODETIC AZIUUTH (From south)	FLANE AZIVUTH *  (From south)	CODE
ASH	323 15 13.4	323 00 36	1801

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY - NATIONAL SEDDET IC SURVEY

# HORIZONTAL CON ... OL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

OUAD 440682 STATION 1028
MAINE
LATITUDE 44 000' TO 44 030'
LONGITUDE 68 00C' TO 68 030'
DIAGRAM NL 19-11 BANGUR STATION 1028

						ADJUSTED HORIZONTAL CONTROL DATA								
<del>,</del>			··· ·			(	ALF ISLANO	BOATI	HOUSE NE	GABLE				
DEPARTMENT OF COMMERCE  1. COMMERCE  1. COMMERCE  FORM 503  Ear. May 154  Name CALF ISLAND N.E. GAI	BOATHOUSE	N OF RECOVERABL	E TOPOGRA			NAVE OF STATION:  MAINE STATE:		YE	1944 AR:			THIR		iDĒR
Peneral locality Fronchman Bay Deality Calf Island Deality Fred. L. Peacoc Life party Fred. L. Peacoc	Sheet Datum R.A.	No. T-8582	distances and ref		1	G- 693	)							
Checked by <b>Eaymond Claser</b> Approximate elevation above high-wait  Location method: <b>EXECUTE</b> Sextant,  Detailed description: <b>Station 1s</b>	ter mark 25 feet Also mark present the mortheast gal	Die of a los.	CALF		Manual Control of the	GEODETIC LATITUDE:	68 (	27 42 0		****	E	LEVATION:		METERS FEET
rectangular-shaped boath Calf Islami, about 550 m island, about 40 meters	northwest of am	old Sipier	PALAND		filmo e sene	STATE CODRIINATES (Freit)								
dock, and 12 meters back Boathouse is 9.9 meters double doors in northeas	x 8.7 meters and	ter Line. has 2 large				STATE & ZO	ii	801	591,33	6.41	229,	272.68		41 ANGLE*
	Direction Atlanta	Beference Po	DINTS IDENTIFIA Distance in motors	Dr∞t±a	OTOGRAPHS Artouth									
'	00° 00'			00° 00'		* FLANE AZIMUTH HA	S BEEN CONFUTED 9	YTHÉ ĐIC	R∆ 41 FORMULA	NEGLECTING 1	THE SECOND TO	inu.		
					£ .		TO STATION OR CO.	υ€CΤ			AZIGUTH Escusb)	PLANE AZ (From si	nuuth*	CODE
Distances must be horizontal distan- Above distances measured by: REFERENCES, Tophysiks Macoul, para-	raphs 15c, 29, 30, 87, and page 52;	Hydrographic Mazzal, 2011.			41063-S 41-5					0	•	•	' "	
	15 <b></b>		• • • =	• • • • • • • • • • • • • • • • • • • •	v									
									'	l		1 .		
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						1								

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

# HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1029
MAINE
LATITUDE 44 000, 70 44 030,
LONGFIUDE 68 000, 70 68 030,
DIAGRAW NL 19-11 BANGOR

THIRD

PLANE AZIMUTH (From sauth)

~080ER

# 0° 17'51"

WETERS FEET

CODE

### ADJUSTED HORIZONTAL CONTROL DATA

DEPARTMENT OF COMMERCE  6 A COMP NO GROUPE FRACT FORM 621 Est, May 1854 Name COMB		OF RECOVERABLE TOPOGRAPH 1944 Sketch for shoreline	IC STANOS	o - i	NAME OF STATION:  WAINE STATE:	YE	1944 :AB:		T ł
General locality Schoodic Feninsu Locality Fond Island Chief party Fred. L. Peacook 1822 by Ruth E. Rudolph Checked by Raymond Glaser		x. T-8587 distances and ref			G- 6939				
Approximate elevation above high-water Location method: FINESCAN, TO Detailed description: Station is on rock about 300 meters north	heodolite, <b>kingkungaga</b> ki i a prozinant larg	ge ledge \\(d)			GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °20 ′43. 68 04 27.		<b>§</b> '	EXCED
on the west side of Schoodi out into the water but is n	e Feninsula. Led	ige juts	(a) (b) (c) (c)				STATE COORDINATES	(Feet)	
Station is on about the cen ledge, 15 meters north of M	H K Line and abo	out 30 meters		t	STATE & ZONE	CODE	×		·
east of western edge of roc stamped "CODB, 1944".					ME E	1801	611,379.20	186,	986.95
TI Ewel	nection ' Asimuth	REFERENCE POINTS IDENTIFIES Object Distances in Extension	Direction Artestit						
					PLANE AZIMUTH HAS BEEN	COMPUTED BY THE 8 10	R∆ 4) FORWULA NEGLEO	TING THE SECOND TE	ERW.
1,000		,			TOSTA	TOBLEO RO POITA	G£	GDETIC AZIVUTH (From soulb)	PLAT
Distances must be horizontal distances Above distances measured by: BEFERENCES: Tepographic Macuat, paragraphic	•		18—11042-2 c.	·• - ·,				0 8 9	
condition. The	St 1944 descripti	e,F.L.P., 1944,J.C.E. ation mark was recov on by F.L.P. is adec topographic disk, s	ered in good uate and com-						
		-							

52 376

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

### HORIZONTAL CONTRO

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1030

LATHTUDE 44 . 00' TO 44 . 30'

LONGITUDE 68 0 00, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION:

1934

SECOND

G = 6053SOURCE:

44 27 49:499 WETERS SCATED. GEGOETIC LATITUDE: 68 13 50.780 FEET GEODETIC LONGITUDE:

STATE COOPDINATES (Feet)						
STATE & ZONE	EODE	×	Y	# :ORA ALANGLE		
ME E	1801	570,286,32	229,908,93	+ 0.11,13		
		ļ				
				ļ		

BLANE AZUMITH HAS BEEN COMPUTED BY THE # IOR A 41 FORWULA NEGLECTING THE SECOND TERM.

TO STATION OR OBJECT	GEOUETIC AZIMUTH (From south)	FLANE AZIMUTH (From south)	CODE	
CALF	272 00 30.9	271 49 12	1801	
	Ì		•	

51 278

CRAB (Hencock County, Maine, K.G.C., 1934) -- The station is on the SW point of Crebtree Point, 4 1/2 miles NNW of Bar Harbor and 9 1/2 miles ESE of Ellsworth. Land is owned by Kenneth W. Girdwood, West Orange, N.J. Station and reference marks are standard bronze disks wedged

in drill holes in outcropping bedrock.

Station is 88.5 feet S of SE corner of plazza and 104 feet SSE of SW corner of piazza of shingled house. It is 6 1/2 feet W of 6-foot E face of ledge.

Reference mark No.1 is 12.30 feet SSE of station and is 6 feet

W of 6-foot E face of ledge. It is 101 feet S of SE corner and 115 feet SSE of SW corner of piazza. Reference mark No.2 is 20.03 feet NW of station and 17.5 feet E of 7-foot W face of ledge. It is 82 feet SW of SE corner and 89 feet SE of SW corner of plazza.

From junctions of Highways 1 and 3, one mile S of Ellsworth, follow Highway 1 E, 8.3 miles and turn right at water fountain, 0.3 mile past tall white spire. Follow main-traveled road 4.8 miles and turn right at end of pavement; continue 0.1 mile to SW point of neck.

A 4-foot signal was used OBJECT CALF	d. DISTANCE meters	DIRECTION 0°00'00%0
	MC BOX 5	
Orindstone Neck, White		38 16 09
Standpipe		105 58 49
R.M.No.1	3.750	109 99 49
Marlboro, Old Point,		10.00
Barn Cupola		200 40 20
	6.105	216 17 26
R.M. No. 2	01100	
HANCOCK POINT STEEL		020 12 15
TOWER		232 13 15
R.M. No.1 to R.M. No.2	8,200	
Hamaliosz oo Hamanoan		

CRAB (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944)
Station and reference marks were recovered in good condition. Distances to reference marks were measured and check. Description adequate.

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

HORILUNTAL CONTROL DATA

by the

National Ocean Survey
NORTH AMERICAN 1927 DATUM

QUAD 440682 STATION 1031
KAINE
LATITUDE 44 000' TO 44 030'
LONGITUDE 68 000' TO 68 030'
DIAGRAM NL 19-11 BANGOR

NO TEXT

ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION: HARBOR ISLAND

STATE: FAINE

YEAR: 1875

THIRD

- ORDER

SOURCE: 6- 6793

GEODETICLATITUDE: 44 °07 '46.86 ELEVATION: 21 METERS GEODETICLONGITUDE: 68 26 28.51 SCALED FREE

STATE COORDINATES (Feet)						
STATE & ZONE	cope	×	*	8 09A 4 ANOLE		
ME E	1801	515,424.12	108,024.92	+ 0°02′27		

FLANE AZIMUTH HAS BEEN COMPUTED BY THE heta (or  $\Delta$  a) formula neglecting the second term,

TO STATION OR OBJECT	GEODETIC AZIWUTH (frace corft)	FLANE AZIVUTH * (From sonib)	CODE
	0 7	3 / 7	:

POSITION DETERMINED BY DATUM DIFFERENCES

SEP 1977 U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAB 440682 MAINE STATION 1032 LATHUDE 44 000' TO 44 030' LONGITUDE 68 000' TO 68 030' DIAGRAM NL 19-11 BANGOR

	ADDOTED HOMEONIAE GOWING DAW						
MORGAN (Hancock County, Maine, G.A.F., 1864) On a high granite hill rising abruptly from the water on the western shore of Morgan Bay, an arm of Blue Hill Bay lying W of Newbury Neck and about 4 1/4 miles E of the village of Blue Hill.  The station is on the highest part of the hill, on a bare	NAME OF STATION: MORGAN	Į YEAR:	1864 #	THI	RD -onder		
Bay, an arm of Blue Hill Bay lying w of Newbury Neck and about 4 1/4	STATE & FOLKE	44 °25 '19 '75 68 29 55, 33 code 1801	STATE COORDINATES (FAIL  X  500, 3338.90  A OF FORMULA NEGLECTING  GEODET  (FA	STATES  214.629.95  THE SECOND TERM.  TIC AZI PUTH  (Fro			

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANCAND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM OUAD 440682 STATION 1033
MAINE
LATITUDE 44 ° 0C' TO 44 ° 30'
LONGFUOE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

Department of Col Be Egist and Redetion From \$15 Rev. May 124	MERCE SANY	DESCRIPTIO)	OF RECOVERABLE TOPOGRAPH	IIC STATION	NAME OF STATION: CURT STATE: MAINE	٧	1944 EAR:		THI		ORD <b>≑R</b>
Locality Newbury	Neok	Bay Sheet I Datum N.A. 1	No. 7-8566 Ndistances and refe	erence points:	G- 6853						
Checked by Ruth  Approximate elevation  Location method: P)	s. Kudolph n above high- n <del>atable/Sext</del>	water n ar : 8 feet mit, Theodolite, <del>the plack gra</del> g		The state of the s	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °22 '46. 68 27 45.			\$EXTES:	1	WETERS FEET
is about midway ?	etween Bu	rnt Point and High I	fend, off	HOOK CURT 1944			STATE COOR	DINATES (Feet)			
Union River Bay.	Station	is on narrow, rooky	point on	· · · · · · · · · · · · · · · · · · ·	STATE & ZONE	CODE	×		<b>y</b>	9 ·ca /	an Assle
line. 29 maters :	orthweet	of Mean High Water	Line at end of Point. 11 :	meters west of Mean	ME E	1801	509,77	0.11 1	99,144.96	+ 0	° 01′34
General locality Union River Bay Locality Newbury Neok Datum Datum Datum Datum Datum Datum N.A. 1927  Locality Newbury Neok Chef of party Fred. L. Peacook M.A. 1927  Locality Rewbury Neok Chef of party Fred. L. Peacook M.A. 1927  Locality Ryth B. Rudolph Approximate terration above high-water n ari 8  Localion method: Phaneteble/General Theodellite, threshoughest prof Detailed description: Station is located on Goose Rook, which is about midway between Burnt Point and High Head, off the southern end of Newbury Neck on the western side of Union River Bay. Station is on narrow, rooky point on the southeast side of the rook, 17 meters outside tree line, 29 meters northwest of Mean High Water Line at end of Point, 11 meters west of High Water Line to east. Mark is a standard disc stamped "GURT, 1944", set in ledge One can walk to station at low tide.  REFERENCE FOINTS IDENTIFIABLE ON AIR PROTOGO	BLE ON AIR PHOTOGRAPHS	PH3									
Mean Kich Water		· I		00° -00′	* PLANE AZIMUTH HAS BEEN C	OWFUTEO BY THE # 1	FOR VILA	NEGLECTING THE SEC	OND TERM,		
	-				TO STA	тю хов ов лест		GEODETIC AZINU (From semb)		AZIVUTH*	CODE
		ances actually measured on t	he ground—not scaled.								
condition.	The or	County, Maine, P. -The stiginal description	L.P.,1944;I.R.R.,1956 ation was recovered in on is adequate and co	n good mplete.						52 34	9

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

# HORIZONTAL CONTINUE DATA

by the National Ocean Survey North American 1927 DATUM QUAB 440682 STATION 1034
MAINE
LATITUDE 44 000' 70 44 030'
LONGITUDE 68 000' 70 68 030'
DIAGRAM NL 19-11 BANGOR

			ADJUSTED HORIZONTAL CONTROL DATA							
DEPARTMENT OF COMMERCE  LA CONTROL STATION  DESCRIPTION OF RECOVERABLE TOPOGRAPHIC STATION  EVEN MAY 124  DESCRIPTION OF RECOVERABLE TOPOGRAPHIC STATION	а	DEEP								
DESCRIPTION OF RECOVERABLE TOPOGRAPHIC STATION  Namé Deep  Year 1944 Sketch for shoreline and air photograph  General locality Long Island, Maine Shoet No. T-8571 distances and reference points:	oh reference	MA INE	Ye	1944 FAR:			THIR		PDER	
Locality Southwest Point Cale of party Fred. L. Pescock Schilling Harry R. Rudolph		G- 8790		,						
Cheeked by W. M. Schmidt  Approximate elevation above high-water mark 15  Location method: Engage in the condition of the con		GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °05 '52 49 20 68 22 04 • 75 9			\$t7	\$CXTED.		7 METERS FERT	
hole in ledge on extreme w. side of point at grass DFFP, HAT IN.  line. Station is 6 m. w. of most s.w. evergreen on w. side of point. About 15 m. in from H.W.L. and set				STATE COORE	INATES (Feet)					
so Gooseberry Point is clearly visible from ground.		STATE & ZONE	CODE	×					# IOR A BLANSLE	
enoreline reference distances - Reference points identifiable on air photo	PHOTOGRAPHS	ME E	1801	534,67	534,678.18 9		96,510,54		+ 0°05′31′	
Object Direction Arimuth Object Direction Draction Object Direction Og 00'	Arimsth									
John (Topo.) 44.9 177 52 F.I.P.		* FLANE AZIPUTMASSEEN COMPUTED BY THE & ORO 41 FORMULA MEGLECTING THE SECOND TERM						PLANE AZIMUTH		
Distances must be horizontal distances actually measured on the ground—not scaled.		TOSTAY	ION OR OBJECT		OEODETIC A cs murt)		PLANE AT		CODE	
Above distances recovered by:	K3-3 670						•	ĺ		
The station mark was recovered in good condition. The 1944 description by F.L.P. is adequate complete with the following addition:  The station is marked with a standard topographic staticals.	and									
								54 06	2	

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY • NATIONAL GEODETIC SURVEY

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM OUAD 440682 STATION 1035
MAINE
LATITUDE 44 ° 0C′ TO 44 ° 30′
LONGITUDE 68 ° 0C′ TO 68 ° 30′
DIAGRAM NL 19-11 BANGOR

DEPARTMENT OF COMMERCE & a coat and econy's raway Form 824 Bry, May 15M	DESCRIPTION	N OR BECOVERING	TOPOGRAPHIC STATION	, , , , , , , , , , , , , , , , , , ,	NAME OF STATION: OR AM		1944		THIRE		
Name DEAM  Oneral locality Frenchman Bay  Locality Dram I bland  Chief of party Fred. L. Pescock	Year	1944 Sketch No. <b>T-8</b> 582 dist	h for shoreline and air photo ances and reference points:	graph reference	STATE: G- 6939		YEAR: 1774		iniki		RDER
Checked by Raymond Glaser Approximate elevation above high-water Location method RESERVED THE	eodelite, <b>ARTATUR</b>		Sociento Hi	A	GEODETIC LATITUDE:	44 °28 ′03 68 11 18		\$87	XC'ES:	2	WETERS FEET
Detailed description: Station is lo of Dram Island, which is ju	st south of Sor	rento in	DRAM PLAND	BAY			STATE COORDINATES (FE	et)			
upper Frenchman Bay. Stati of the extreme southeast ti and grass line and 4 meters	p. 10 meters so	uth of tres		dre	STATE & ZONE	CODE	*			<b>₽</b> 10≪∆	4) AYGLE
rock that is surrounded on meter east of the highest p	west and north	west at mean high	h water, it is abou	t 1	ME E	1801	581,355.07	231,34	47.24	+ 0°	13'06'
SHORELINE REFERENCE D  Object   Distance   Dirt	ISTANCES etion Arkeuth	_	TE IDENTIFIABLE ON AIR PE Distance In medici	AUDUL A							
003			003 004		* FLANE AZIMUTH HAS BEEN O	SHIT YE GETUS W	IGRA 4) FORWULANEGLECTIN	1			-
			-		TOSTAT	ION OR OBJECT		tic AZIMUTH tom south)	FLANE AZI (From so	MUTH "	CODE
Above distances measured by: BEFERENOSE Tepographs Macani, parament	3 20, 20, 30, 57, 10:23 page (c. )	n yarogʻingbio di katoki, kibi.	16	i						52 382	

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY , NATIONAL GEODETIC SURVEY

# HORIZONTAL CONTRUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 STATION 1036
MAI'NE
LATITUDE 44 0 0C, TO 44 0 30,
LONGITUDE 68 0 0C, TO 68 0 30,
GIAGRAM NL 19-11 BANGOR STATION 1036

			ADJUSTED HORIZONTAL CONTROL DATA						
DEPARTMENT OF COMMERCE	•= •== · · · · · · · · · · · · · · · · ·		DUK NAME OF STATION.						
DEPARTMENT OF COMMERCE U. C. COATE AND GEOGRE POWNT FORM 344 Bey, May 1834	DESCRIPTION OF RECOVERABLE TOPOGRAPH	IC STATION	MAINE	*	1944 EAR:		THI		
Name DUK General locality Mt.Desert Island Locality Little Duck Island Chief of party Fred. L. Peacock	Maine Sheet No. T-8572 distances and refe Datum N.A. 1927	ALAMAN AND AND AND AND AND AND AND AND AND A	SOURCE: G- 8790	· ·				-0	POER
Checked by Walter E.Schmidt Approximate elevation above high-water m		DUK, 1944	GEODÈTIC LATITUDE: GEODÈTIC LONGITUDE:	44 °10 '30. 68 14 55.			ścated.	25	WÊTÊRS PEET
Location method: Proceeding Restaut, The Detailed description: Station is or Little Duck Island, about 60	the west side of settles from M.H.L. line	Duck !	Ozoben conditions		STATE COORD	TANAGE (Feb)			
to west, about 100 m. south N.W. edge of Island. A lone about 2½ fth above grass, is	sest of point of trees at sounder, projecting	" unit	STATE & ZONE	CODE	X	TANTES (TITL)	¥	<b>#</b> 109 Δ	a) ANGLE
station, and a tree stump is Mark is a standard TRIANCUL	<u>s 5 meters south of station. NTIONDdisc stamped "DUK 1944"</u>	*	ME E	1801	565,91	8.01 12	4,737,77	+ 0	10'30'
set in drill hole in white shoreling reference dis	TANCES BEFERENCE POINTS IDENTIFIA	BLE ON AIR PHOTOGRAPHS Direction Afficients							
00,	00'	00, 00,	FLANE AZIMUTH HAS BEEN C	OMPUTED BY THE # 11	ORA 4) FORWULA	NEGLECTING THE SECON	) TERM		
			TOSTAT	TION OR OBJECT		GEODETIC AZIMUTH (Érom touth)	(From	AZ/WUTH *	COOE
	etuslly measured on the ground—not scaled.	ŧ t				. , ,	۰	, "	
REFERENCES: Topographic Mazoul, paragraphs	16c, 29, 30, 57, and gage 53; Hydrographic Manual, 2351,	16-21163-2 arc							
							ŀ	1	
			1						
								54 08:	2
								J# 00.	,
			1			·			

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

## HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 STATION 1037
MAINE
LATITUDE 44 ° 0C' TO 44 ° 30'
LONGITUDE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR STATION 1037

			ADJUSTE	D HORIZONTA	AL CONTROL DA	ATA		
		CUKY						
DEPARTMENT OF COMMERCE B. 8. COMMENT AND SECONDE SERVICE FORM 3814 Esp. May 1834	DESCRIPTION OF RECOVERABLE TOPOGRAPHIC STATION	STATE: MA INE	Y	1944 EAR:		THIR		
Name DURY, 1944 General locality Blue Hill Bay, Me, Locality Dix Point, Me. Chief of party Fred. L. Pescock	Year 1944 Sheet No. 7-8568 Atum H.A. 1927 Sketch for shoreline and air photograph reference distances and reference points:	sounce: G- 8790					-0	ADER
Checked by Raymond Claser  Approximate elevation above high-water mark  Location method: Thurshin Rayman. Theodo	Hite, an annual policy and the second	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44°15′06. 68 24 08.		Śl	ťátľeď	1	WETERS FEET
Detailed description: Station is a st set in drill hole in ledge or Bar Id. in Blue Hill Bay. St	Dim Point, east of			STATE COORDINA	NTES (Fees)			
point, 9 m. south of tree lin		STATE & ZONE	CODE	×			а грег Д	AI ANGLE
		HE E	1801	525,561.	66 152,	507.01	+ 0	04'05"
SHORELINE REFERENCE DISTA Distance in meters Direction	NORS REPERENCE POINTS IDENTIFIAEL ON AIR PHOTOGRAPHS Distance Direction Asimoth action of the Company of the Co							
000 00	00, 00,	PLANE AZIMUTH HAS BEEN O	CONFUTED BY THE BIO	DR∆ 4) FORMULA NEC	SLECTING THE SECOND TO	RM,		
		TOSTA	TION OR OBJECT		GEGGETIC AZIMUTH (From scarb)	FLANE AZ (Fram s:		CODE
Distances must be horizontal distances actu					0 7 7	۰	, *	
Above distances measured by:	28, 85, 87, and page 82, Hydrographic Marual, 3342.							
•	County, Maine, F.L.P., 1944; I.R.R., 1956) The station was recovered in good					1		
with the following A large tripod	was left standing over the mark, marked by a standard topographic disk,							
boungou boni 19		:						
							•	
							54 071	i
				••				
		1						

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1038

QUAD 440682 STATION 1038
MAI NE
LATITUDE 44 ° OC' TO 44 ° 30'
LONGITUDE 68 ° OC' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

		ADJUSTE	D HORIZON	ITAL CONT	ROL DATA		
DEPARTMENT OF COMMERCE  Q. E. COLIT AND GEOGRAPHY  FORM \$84  BY, MAY 160  DESCRIPTION OF RECOVERABLE TOPOGY	NAME OF STATION:  PAINE STATE:	,	1944			THIRD	
Name DUN  General locality Frenchkan Bay, Maine Sheet No. T-8584  Locality Iron Bound Island Datum N. A. 1927  Chief of party Fred. L. Peacock  Living Wenry P. Eichert  Sketch for shoreline and air photograph reference distances and reference points:	G- 6939	,	••••				ORDĒ <b>R</b>
Checked by Raymond Glaser  Checked by Raymond Glaser  Approximate elevation above high-water mark 5 feet  Location method: Therefore the Decoditie, thing the new thick the second of th	GEODETIC LATITUDE:	44 °23 ′35, 68 08 50,			sextu	90	METERS FEET
Detailed description: Station is located on the northwestern side of Iron Sound Island, on Fish Point which is the western side of a small core, 54 ft. north of			STATE COOR	DINATES (Feel)			
a small house with stone foundation and stone chimnly on south end, 5 maters back of Mean High-Water Line and 6 meters outside tree line. Standard disc stamped "DUN 1944".	ME E	1801	× 592,19	92.30	v 204•303.		0° 14' 48"
SHORELINE REFERENCE DISTANCES  Object  Distance  Object  Distance  Object  Obj							
	* PLANE AZIMUTH HAS BEEN CO	TION OR OBJECT	CHU W FORWULL	GEODETIC AS	ti¥UTH stb)	PLANE AZIMUTH *  (From scath)	CODE
Above distances measured by:  REFERENCES: Topographic Matcai, paragraphs 10., 70, 30, 30, 30, 3045 St. Hydrographic Matcail, 1881.  19—2049-7 200  19  20  20  20  20  20  20  20  20  20  2						52 :	384

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

# HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1039

QUAD 440682 STATION 1039 MAINE LATITUDE 44 000' TO 44 030' LONGITUDE 68 000' TO 68 030' DIAGRAM NL 19-11 BANGOR

DEPARTMENT OF COMMERCE U. A. COAST AND SCICULT SURVEY FORTH \$23 Ett. May 1804	DESCRIPTION OF RECOVERABLE HYDROGRAPHIC O	R TOPOGRAPHIC STATION	NAME OF STATION: EAGLE  MAINE STATE:		YEAR: 1944	T)	IIRO
Name EAGLE General locality BLUE HILL BAY, I Locality EAGLE ISLAND Chief of party Fred. L. Peacook Locality Ruth M. Whitson	WAINE Sheet No. T-8569 Datum N.A. 1927	hore-line data and reference points:	SOURCE: G- 8790	·	END.		-OADER
Approximate elevation above high water Location method: FIREMENT SMITH, Detailed description: Station is of	Theodolite, Attractation on the east side of Eagle	-EAGLE, 1944 (J)	GEODETIC LATITUDE:	44 °12 ′40 68 27 33		\$EXTES:	7 NETER
Island, which is in the sor Bay, about midway of east	side of Island. 8 meters	Sile Till May			STATE COORDINATES (FA	et)	
west of Mean High Water Lin line and 2.5 m. n.w. of ble on ledge. Station is a sta	sck boulder (about 3' lone)	Should	ME E	1801	x	Y 127 201 (3	# IGR A A ANGLE
stamped "Eagle 1944" shore-line Data at are	VE STATION REFERENCE POIN	TS FOR AIR PROTO CONTROL Distance Discotton Adments	, MC E	1801	510,702.39	137,801.47	' + 0°01'43
	o, 00,	00, 00,	PLANE AZIMUTH HAS BEEN CO	MAUTED BY THE #	IORA AT FORMULA NEGLECTIN	IG THE SECOND TERM.	
			TOSTAT	ION OR OBJĒČT			TODE (daugh)
Above distances measured by: REFERENCES: Topographic Mannal, parigra	l; must be horizontal distances actually obtained in the	trother No. 36, 1933 15—26643 400					54 075
			-				

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### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM DUAD 440682 MAINE

STATION 1040

LATITUDE 44 0 00' TO 44 0 30'

LONGITUDE 68 0 OC, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

	EAST	LAMOINE	GREY	CHURC	)H S	SPIRE	(Har	1000	k Cot	unty, Maine	, K.G.C.,
1934	The	gray cl	urch	spire	in	the	town	of	East	Lamoine.	

EAST LAMOINE, GREY CHURCH SPIRE (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944) covered, but has been disturbed. In the winter of 1942-1943, spire sagged out of position, and in summer of 1943 spire was put back in its original position. It is the same spire.

Station is the only church in East Lamoine, located 12 meters N of State Route 184, and 15 meters W of a dirt road. Church is rectangular in shape with the spire over the S gable. Spire is covered with natural wood shingles, which makes it look grey. It has a broken weather vane on top. The church has a brass name plate on front, "First Baptist Church, Erected in Lamoine, built in 1832, Seth Tisdale, Architect." Local residents say that it is no longer a Baptist Church. a Baptist Church.

EAST LAMOINE, OREY CHURCH, SPIRE (Hencock County, Maine, K.G.C., 1934; I.R.R., 1956) The station was recovered in good condition. The 1944 description is adequate and complete.

EAST LAMDINE GRAY CHURCH SPIRE NAME OF STATION.

STATE:

THIRD

-OADER

G- 6793 SQURCE:

GEODETIC LATITUDE:	44 °28 ′02 100	ELEVATION:	WETERS
GEODETIC LONGITUDE:	68 19 15 832		FEET

9 TORA GIANGLE
+ 0°07′31

\*Plane azimuth has been computed by the  $|s|\cos\Delta|$  at Formula neglecting the second term.

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NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

## HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1041
MAINE
LATITUDE 44 ° OC' TO 44 ° 30'
LONGITUDE 68 ° OC' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

EAST SISTER ISLAND (Hencock County, Maine, N.H.H., 1908) -- On the NE part of East Sister Island, about a mile SSE of East Point

of Swan Island and 2 miles SW of Black Island.

The station is about 10 feet from the edge of the woods and about 3 feet N of the western end of a fairly conspicuous seam in the rocks running E and W and is 4 or 5 feet higher than the surrounding boulders. It is a hole drilled in a rock.

EAST SISTER ISLAND (Hancock County, Maine, N.H.H., 1908; K.G.C., 1934) -- This station found as described. The station is about 3 meters from the edge of the woods and about 3 feet N of the western end of a fairly conspicuous seem in the rocks running E and W and is 4 or 5 feet higher than the surrounding boulders. It is a hole drilled in a rock. A drill hole filled with lead was found WNW of the station of which there is no mention in the original station description.

Two new reference marks, standard bronze disks wedged in drill holes in outcropping bedrock, were placed as follows: No.1, is SSE of the station on a high flat ledge and No.2 is W of the station, on another flat ledge, I foot from the tree line.

OBJECT	DISTANCE	DIRECTION
PLACENTIA ISLAND	meters	000010040
R.M.No.1	4.602	163 51 48
R.M.No.2	4.142	268 57 00
Ref.Drill Hole	3.811	295 21 40
R.M.No.1 to R.M.No.2	6.943	

EAST SISTER ISLAND (Hancock County, Maine, N.H.H., 1908; F.L.P., 1944)

- Station and reference marks recovered in good condition. Distances to reference marks checked. Station mark is a copper bolt set in a drill hole and not a drill hole as given in the recovery of K.G.C. in 1934. Description is adequate, except station is about 270 meters from the N tip of the island.

EAST SISTER ISLAND (Hancock County, Maine, N. H. H., 1908; I. R. R.,

The station
mark, reference marks 1 and 2, and the reference drill hole were
recovered in good condition. The distances to the reference
marks and between the marks were verified. The 1934 recovery
note by K.O.C. 1s adequate with the following additions:

The station mark is a copper bolt set in the ledge outcrop.

Reference marks 1 and 2 are standard disks atamped "EAST
SISTER ISLAND 1908 1934 NO 1" and "EAST SISTER ISLAND 1908 1934
NO 2."

51 253

EAST SISTER ISLAND

STATE: PAINE

1908

SECOND

-OADER

G- 6953

44 °08 '40,740 68 22 14,721	\$EXCEO	6	METERS FEET
--------------------------------	---------	---	----------------

		STATE COORDINATES (Feet)		
STATE & ZONE	CODE	×	Υ	B 104 A BI ANGLE
ME E	1801	533,924.57	113,501.56	+ 0° 05′ 24
	1			

. Flane azimuth has been confuted by the  $|\theta|$  for  $\Delta$  at formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIUUTH (From south)	PLANE AZIMUTH * (From south)	CODE
PLACENTIA ISLAND	172 07 27.0	172 02 03	1801
,		•	

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM DUAD 440682 KAINE STATION 1042

LATITUDE 44 000, TO 44 030, LONGITUDE 68 000, TO 68 030, DIAGRAM NL 19-11 BANGOR

### NO ORIGINAL TEXT

EAST TRENTON TALL WHITE SPIRE (Hancock County, Maine, G.A.F. 1865; K.G.G., 1834) -- According to local residents there has been no change made to the exterior of this church since it was built in 1854. The settlement in which it is located is now known as Lamoine center. It has a tall white spire, octagonal in shape. It was not observed on in 1934 being obscured by high trees from stations which saw it in 1865.

EAST TRENTON TALL WHITE SPIRE (Hancock County, Maine, G.A.F., 1865; F.L.P., 1944)

recovered as described by K.G.C. in 1934. The spire is in good condition. According to information obtained from local residents, the spire has never been changed except for minor repairs.

EAST TRENTON, TALL WHITE SPIRE (Hancook County, Maine, G.A.F., 1865; I.R.R., 1956)
The station was recovered in good condition. The 1934 recovery note by K.G.C. 1s adequate and complete.

#### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION:	EAST TRENTON TALL WHITE SPIRE	
STATE: MAINE	1865 YEAR:	THIRD -OADER

G~ 6793

GEODETIC LATITUDE: GEODETIC LONGITUDE:	4 °28 ′42.″984 8 20 39•104	ELEVATION:	METERS FÉÉT

		STATE COORDINATES (Feet)		
STATE & ZONE	CODE	×	٠	BIORA STANGLE
MË E	1801	540,664.98	235,247.82	+ 0°06′33
		1		

\*Plane azimuth has been computed by the  $\, s$  ior $\Delta \,$  all formula neglecting the second term.

TO STATION OR GOJECT	GEODETIC AZIMUTH (From south)	FLANE AZ:MUTH * (From south)	COOL	
	0 , ,			
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	-			

SEP 1977 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY . NATIONAL GEODETIC SURVEY

## HORIZUNTAL CONTROL DATA

R

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE STATION 1043 LATITUDE 44 0 00' TO 44 0 30' LONGITUDE 68 . OC. TO 68 . 30. DIAGRAM NL 19-11 BANGOR

## NO ORIGINAL TEXT

EGG ROCK LIGHTHOUSE (Hencock County, Maine, 1902; K.G.C., 1934) -- This station was recovered and its position checked by new observations. This was a second-order triangulation point in the

The lighthouse tower is on top of the keeper's dwelling on the highest point of Egg Rock which lies E of Mount Desert Island at the entrance to Frenchman's Bay.

> RECOVERY NOTE, TRIANGULATION STATION QUAD 440682 INTERSECTION

NAME OF STATION: EGG ROCK LIGHTHOUSE ESTABLISHED BY: F.D.G. YEAR: 1902 STATE: Maine BENCH MARK(S) ALSO YEAR: 1968 RECOVERED BY: N.C.S. COUNTY: Hancock AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 4.0 miles southeast of Bar Harbor

4.0 miles southwest of Winter Harbor Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent facts: Recovered in good condition as described in 1934.

#### ADJUSTED HORIZONTAL CONTROL DATA

EGG ROCK LIGHTHOUSE NAME OF STATION

SECOND

-ORDER

G- 6053

44 °21 ′14, 174 GEODETIC LATITUDE: METERS SEXTED. 68 08 19.157 GEODETIC LONGITUDE: FEET

STATE COORDINATES (Feet)									
STATE & ZONE	cope	×	Y	8 CRA BIANGLE					
ME E	1801	594,511.77	189,971,97	+ 0° 15′09					
-		ĺ							
		ł							

GEODETIC AZIMUTH (From south)	FLANE AZIMUTH *  (From 10x18)	cone
۰, ۰	0 , "	
Į.	1 1	
		(From south) (From south)

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODET IC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1044
MAINE
LATITUDE 44 000 TO 44 030
LONGITUDE 68 00C TO 68 030
DIAGRAM NL 19-11 BANGOR

### ADJUSTED HORIZONTAL CONTROL DATA

EGG (Hancock County, Maine.F.P.W., 1860) -- On the southermost island in the entrance to Frenchman's Bay, known as "Egg rock."

The station is on a flat rock at the highest part of the island, and is marked by a hole drilled in a rock.

EGG (Hancock County, Maine, F.P.W., 1860; K.G.C., 1934) -- The station

is lost.

The lighthouse, which is on the highest point of the island, has been enlarged since 1860, and the ledges around it have been chipped off while installing fortifications during the Spanish-American War, thus destroying the station which was marked by a drill hole.

MAINE YEAR: 1860 THIRD -- ORDER

G- 6793

GEODETIC LATITUDE:	44 °21 '14:09	\$EXTED:	METERS
GEODETIC LONGITUDE:	68 08 18.81		PEET

STATE COORDINATES (Fatt)								
STATE & ZONE	CODE	×	Y	g içe∆ si Angle				
ME E	1801	594,537.02	189,963,58	+ 0° 15′ 10				
				j				

PLANE AZIMUTH HAS BEEN COMPUTED BY THE # 108 A 1 FORWALA NEGLECTING THE SECOND TERM.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From somb)	PLANE AZIMUTH (From south)	CODE
	(2737130310)	0 / "	
	:		
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	ł	] i	

POSITION DETERMINED BY DATUM DIFFERENCES

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

## HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1045
MAINE
LATITUDE 44 ° OC' TO 44 ° 30'
LONGITUDE 68 ° OC' TO 68 ° 30'
DIAGRAM NL 19-11 BANGER

										ADJUSTE	D HORIZOI	NTAL CONT	ROL DA	ΓΑ		
,				····		<u> </u>	<del></del>	. •	NAME OF STATION:				•		Carlones Carlones	a -p (8
DEPARTMENT OF COM 11. 8. COAST AND SECRETIC S FORM 524 Eav. May 1884	MERCE	Di	ESCRIPTION	OF RECOVERABI	Е ТОРОСКАРИ	IC STATION	:	i .	STATE: MAINE	Y	1944 EAR:			THIR	D _	ORDER
Name EGG General locality Fren Locality Kee Rock	ohnan Bay,	Datum	N. A. 1	To. 2-8584	retch for shoreline distances and refe	erence points:	graph reference directelle H.		G- 6939							
Chief of party Fred. Lived by Heary F Checked by Raymond Approximate elevation Location method: The	n above high-wa	termark as arTheodolite. A	feet	ATRIA STATE	A de la la la la la la la la la la la la la		. 4		GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °21 ′20, 68 08 17,			\$t.	KCED:	1	METERS FEET
Detailed description: set in Arill north of li	l hole in l	edge, app A near we	rollenter storly ed	ge of ledge	Eg.		ROCK				STATE COOR	DINATES (Feet)				
spoae H'A'	Lightkeepe	r will ai	d recover	ry.	^	<b>*</b> **	,	' <u> </u>	STATE & ZONE	CODE	×	ļ	Y		8 04/	41 ANOLE .
									ME E	1801	594,61	6.16	190,60	1.85	+ 0	)° 15′11″
	LINE REFERENCE	Distances	Astroph	REFERENCE :	POINTS IDENTIFII	ABLE ON AIR FI	HOTOGRAPES Admits	.							-	
OHeck	Distance in meters	00° 00'	2000		E Decay	00, 00,	,		* PLANE AZIMUTH HAS BEEN CO	WANTED BY THE A	ONA AI FORWUL	NEGLECTING THE	E SECOND TER	ı.		
							}		TOSTAT	ION OR OBJECT		GEODETIC A	21MUTH	PLANE A	UMOTH "	CODE
				the ground—not sea	ļ	1	-					O C		0	1 *	
															52 37	7
									·						÷	
									,							

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

### HORIZONTAL CONTROL

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1046

44 0 0C/ TO 44 0 30/ LATITUBE LONGITUDE 68 o OC, TO 68 o 30, DIAGRAM NL 19-11

BANGOR

### NO ORIGINAL TEXT

FERNALD HILL (Hancock County, Maine, G.A.F., 1870; 1902) -- On the high hill of that name, also known as Flying Mountain, located on the W side of the narrows of Somes Sound, Mount Desert Island, about 1/4 mile to the northward of Fernald Cove.

The station is on the southern part of the hill, 22 feet S of the highest point and il feet W from the edge of the bluff. It is a copper bolt set in a hole in a rock.

FERNALD HILL (Hancock County, Maine, G.A.F., 1870; K.G.C., 1934) --The station was recovered as described. It is on Mount Desert Island, on Flying Mountain, which is on the W side of Somes Sound at its end and just N of Fernald Cove.

The station was marked when recovered, by a copper bolt set in a hole in a rock, and the bolt was in such good shape that it

was left intact.

Two reference marks were established, standard bronze disks wedged in drill holes in outcropping bedrock. Reference mark No.1 being N of the station and reference mark No.2 near the bluff to the E. The station was not occupied in 1934 except to establish the reference marks.

To reach the station from Southwest Harbor go N about one mile to "Fernald Road" which leads E. This road is also 5.4 miles 8 on Highway 102 from the junction of Highways 198 and 102. Follow "Fernald Road" 0.8 mile. From this point walk up trail marked "Flying Mt" to the summit. The station is on the southern side of the hill about 22 feet S of the highest part and 11 feet W of the bluff on the eastern side.

OBJECT Sta. to R.M.No.1

DISTANCE 2.616 meters MAG.AZIMUTH 206°201 2650151

Sta. to R.M.No.2 2.075 meters R.M.No.1 to R.M.No.2 2.350 meters

FERNALD HILL (Hancock County, Maine, G.A.F., 1870; F.L.P., 1944) -Station and reference marks recovered in good condition as described by K.G.C. in 1934. Distances to reference marks were checked.

#### ADJUSTED HORIZONTAL CONTROL DATA

FERNALD HILL

YEAR:

SECOND

G- 6053

44 °18 '07 '530 METERS GEODETIC LATITUDE SCATED 68 18 53.395 GEODETIC LONGITUDE:

STATE COORDINATES (Feet)							
STATE & ZONE	CODE	×	Y	BICA & BLANGLE			
ME E	1801	548,474.36	170,919.49	+ 0° 07′ 46			

Plake azimuth has been computed by the  $\,s$  (ca $\Delta$   $\,a$ ). Formula neglecting the second term

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	PLANE AZIMUTH* (From Houth)	cone
	. , ,	0 , 1	,
	1		ĺ
	İ		

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

## HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1047

OUAD 440682 STATION 1047
HAT INE
LATITUDE 44 ° 0C' TO 44 ° 30'
LONGITUDE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

DESCRIPTION OF RECOVERABLE TOPOGRAPHIC STATION Rev. My 184  Name FIAO General locality Blue Hill Bay Locality Bertlett Island Locality Bertlett Island Datum N. A. 1927  N. A. 1927  HOLDER TOPOGRAPHIC STATION  Sketch for shoreline and air photograph reference of distances and reference points: NORTH FT. THE HUS	NAVE OF STATION: FLAG  STATE: MA INE  SOURCE: G- 6853	Y	1944 YEAR:		THIR	) -0ADER
Chick dearty Fred. L. Feacock Scale by Stanley Howarth Checked by Raymond Glaser Approximate elevation above high-water mark Location method: Then have high-water mark Location method: Then have high-water mark	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °22 ′30, 68 25 14,		Ε	LEVATION:	METERS FEET
Detailed description: Station is an unmarked auxiliary Point. Station "HAM 1944" is about 200 meters away.			STATE COORDIN	ATES (Feet)		
Sub. Sta. FIAGG is low bush in ledge rock outcrop approximately 34 meters south of FIAGG 1944.	STATE & ZONE	CODE	×		, 1	PICRA PLANGLE
These stations are located on The Hub just east of BARRETT ISLAND North Point, Bartlett Island.	ME E	1801	520,742.		485.98	+ 0°03′20
SHORELINE REFERENCE DISTANCES  Distance Distance in horizon DOS 00'  REFERENCE POINTS IDENTIFIABLE ON AIR PHOTOGRAPHS Distance in medical Distance in medical Distance in medical OOS 00'  OOS 00'	* FLANE AZIMUTH HAS EEEN CO	A SHT AS GELLANG	ORÁ AL FORMULA NE	GLECTING THE SECOND T	FAM.	
	TOSTAT	ION OR DBJECT		GEODETIC AZIMUTH (From south)	FLANE AZ	
Distances must be horizontal distances actually measured on the ground—not scaled.				c , ,	•	•
Above distances measured by: REFBRENCES: Topographs Matual, perspapes 164, 28, 30, 57, and page 52, Hydrographs Manual, 264.						
	·					52 355
	·					
				•		

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

## HORIZONTAL CONTILL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1048
MAINE
LATITUDE 44 ° 0C' TO 44 ° 30'
LONGITUDE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

•			NAME OF STATION: GOOSE						
DEPARTMENT OF COMMERCE D. E. COLIT AND SECONTS: ENVIRY EVENTS 54 ECT. May 1594  DES	CRIPTION OF RECOVERABLE TOPOGRAPHIC STATIC	•	STATE: MAINE	Ye	1944 AR:		THIR		ADEA .
	Year 1944 Sheet No.T-8571 H. A. 1927	otograph reference is:	G~ 8790						
Chief of party Fred. L. Peacook  chief by Herry H. Hudolph  Checked by W. K. Schmidt  Approximate elevation above high water mark  10  Location method: REXEMAREMY Theodolite, 22	TREMERITATION CONST. S. A.	and.	GEODÈTIC LATITUDE: GEODÈTIC LONGITUDE:	44 °06 ′44. 68 22 37.			\$&Xîted"	12	WETERS FEET
Detailed description: Station is located on on western side of Long Island which	ch is about 12 miles of. Ak	•			STATE COORDI	NATES (Feel)			
southwest of Swan Island, Station : on top of the boulder strewn shore	is on a large boulder		STATE & ZONE	CODE	×		Y	6 :ORA	AI ANGLE
SHORELINE REPERENCE DISTANCES	e Mean High-water Line, ushy evergreen tree on rom small evergreen tree et inner edge REFERENCE FORM'S DENTHFLANGE OF ALL	2 ( C. 1	ME E	1801	532,294	STATE COORDINATES (Feel)  X Y SIGNA BLANGLE*  532,294.09 101,703.72 + 0°05′08*  A 4) FORMULA NEGLECTING THE SECOND TERM.  GEOGRIC AZINUTH (From south) (From south) (From south) 0 0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			
50° 00'	Asimoth Ottoet Distance Directle Correctle	* FLANE AZIVUTH HAS BEEN C	OWFUTED BY THE B	oq∆ «» Forwuta	NEGLECTING THE SECO	ND TERM,			
M.H.W. Line 20 South	stamped "GOOSE 1944", desented hole in boulder	in a drill		TION OR OBJECT		GEODETIC AZIMUT	H PLANE		CODE
good condition. The 19	nty, Maine, F. L. P., 1944; J. C. E., 1950 The station mark was recover 44 description by F. L. P. is adequ	late and						_ 54 <b>0</b> 8	3

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

## HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1049
MAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

DEPARTMENT OF COMMERCE B. B. COAST AND GEOGRAP FORM 524 Bay. May 184		OF RECOVERABLE TOPOGRAPHI		•	NAME OF STATION:  MA INE STATE:	Y8.4	1944 AR:		THIR		ROEA
Name GOT General locality Mt. Desert Is Locality Great Gott Island Chist of party Fred. L. Pegcock thed.	Datum N.A. 1927	T-8572; distances as The	and air photograph	reference	6- 8790						
Checked by Walter E, Schmidt Approximate elevation above high-wal Location method: Emerably Execu- Detailed description: Station 1	ter mark <i>/O feet</i> (Theodolite, <b>klenkittersji</b> d	mm   * E		•	GEODETIC LATITUDE:	44 °11 ′50 :5 68 18 56.7		Ś	Cated	6	WETERS FEET
E.S.E. tip of Great Gott of south corner of stone	Island, is 19.18 me foundation, 3.15 me	eters SE	MARING G	OT, 1944			STATE COORDINATE	ES (Feet)			
sw of extended line of NE meters back of MAN line. disc stamped "GOT 1944". "GOT, 1944" on the southw	Mark is a standard Note: there is and	i topographic	₫u.	•	STATE & ZONE	CODE 1801	× 548,314.7	9 132,	752.30		41 ANGLE*
SHORELINE REFERENCE Object   Distance   Excises	E DISTANCES Direction Astmuth	REFERENCE POINTS IDENTIFIAN Object Distance in material	Direction 4	PRAPHS Salmonth							
MAN Line 34	SE 00, 00,		003 004		* PLANE AZIMUTH HAS BEEN CO	VPUTED BY THE 8 ICA	A AT FORMULA NEGL	ECTING THE SECOND TE	RM.		
	:				TOSTATI	ON OR OBJECT		SEODETIC AZIMUTH (From south)	PLANE AT		CODE
Distances must be horizontal distan Above distances measured by: REFERENCES: Topopogial Marcas, para	graphs 182, 20, 30, 87, and page 83; Hy 	drographic Manual, 1251.		±2 610 							
GOT (Hance Description is	ock County, Maine -St adequate.	,F.L.P.,1944;D.F.R., ation was recovered	1953)(Previ as describe	ious ed,				•			
pageription is	auequave.										
										54 080	
					-						
					,						

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1050 MAINE
LATITUDE 44 000 TO 44 030 LONGITUDE 68 000 TO 68 030 DIAGRAM NL 19-11 BANGOR

## NO ORIGINAL TEXT

GREAT DUCK ISLAND (Hancock County, Maine, 0.A.F., 1863;1911)...On a rocky hill on the northern end of the island of that name, which lies off the mouth of Blue Hill Bay about 6 miles SSE of Bass Harbor Head of Mount Desert Island and about 6 3/4 miles ESE of Bast Point of Swan Island.

The station is a few yards N of the highest part of the ledge, and is a copper bolt set in a hole in a rock.

Two reference marks, each a drill hole filled with lead, are placed respectively, 18.58 meters WSW and 20.16 meters NW of the station.

GREAT DUCK ISLAND (Hancock County, Maine, G.A.F., 1863; K.G.C., 1934) -- This station is on a rocky hill on the northern end of Great Duck Island, which lies off the mouth of Frenchman Bay and about 6 miles SSE of Bass Harbor Head on Mount Desert Island. The station is not on the summit, but about 25 meters NW of it on a bare flat ledge. It is a copper bolt set in a hole in a rock.

Two reference drill holes filled with lead are as follows:

Two reference drill holes filled with lead are as follows: No.1 is WSW and No.2 is NW of the station. Two reference marks, standard bronze disks wedged in drill holes in outcropping bedrock, were established as follows: No.1 is NNW of the station and No.2 is W, both on flat ledges.

No.2 is W. both on Tiat	iedges.	
OBJECT	DISTANCE	DIRECTION
BAKER ISLAND L.H.	meters	000010010
R.M.No.1	2.820	26 31 38
Ref.Drill Hole No.1	18.560	211 05 34
R.M.No.2	4.374	267 11 54
Ref.Drill Hole No.2	20,123	274 42 21.
R.M.No.1 to R.M.No.2	6.262	
Ref.Drill Hole No.1 to		
Ref.Drill Hole No.2	20.421	

(P-11-84)

#### U.S. DEPARTMENT OF CONVERCE COAST AND GEODETIC SURVEY

#### RECOVERY HOTE, TRIANGULATION STATION

NAME OF STATION: GREAT DUCK ISLAND

ESTABLISHED BY: G.A.F. YEAR: 1863 STATE: Kaibs
RECOVERED BY: G.A.M. YEAR: 1963 COUNTY: Jancock

DISTANCES AND DIRECTIONS TO AZIMUTH MA FROM	RX, REFERENCE MARK I THE GROUND AT THE	S AND PROMIN STATION	ENT OBJECTS WH	ICH CAN	BE SEE	*
0		DIST	TANCE			
OBJECT	SEARING	FEET	METERS	0	IRECTIO	ON
				۰	,	,
				l		
Station not occupied	1 1					
•				!		

The station was recovered and the station mark and the four reference marks were found in good condition.

The island is now owned by Dr. E. George Cloutier, 31 Bay State Road, Boston 15,

The station may be reached from the U.S. Coast Guard Station at the southern end of the island by packing northerly on a good trail for about 45 minutes to the site.

Also the station may be reached from the East Coast Boat Slip by packing northerly for about 15 minutes to the site.

#### ADJUSTED HORIZONTAL CONTROL DATA

GREAT DUCK ISLAND

MAINE

1863

SECOND

-ORDER

G- 6053

SOURCE:

GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °09 '21.'941 68 14 57.271	STXUED:	15	VETERS FEET

		STATE COORDINATES (Feet)		
STATE & ZONE	CODE	×	Y	8 CHA GIANGLE
ME E	1801	565,807.35	117,746.95	+ 0°10′29′

FILENCE AZIMUTH MAS REEN COMPUTED BY THE # 109 A # FORMULA MEQUECTING THE SECOND TERM.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	FLANE AZ-MUTH (From south)	cop
BAKER ISLAND L.H.	202 47 01.2	202 36 32	180
			Ì

ASTRO OBSERVATIONS PERFORMED AT THIS STATICH

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1051

LATITUDE 44 000' TO 44 030'

LONGITUDE 68 ° OC, TO 68 ° 30, DIAGRAM NL 19-11 BANGOR

NO ORIGINAL TEXT

GREAT DUOK ISLAND LIGHTHOUSE (Hancock County, Maine, 1902; K.O.C., 1934) -- No change has been made in the position of the light or lighthouse since 1902, according to A.H. Kenney, keeper.

FORE 326 (11-8-65)

U.S. DEPARTMENT OF CONMERCE - COAST AND GEOCETIC SURVEY RECOVERY NOTE, TRIANGULATION STATION

R

NAME OF STATION: GREAT DUCK ISLAND LIGHTHOUSE

ESTABLISHED BY: F.D.G. RECOVERED BY: G.A.M.

YEAR: 1902 STATE: YEAR: 1963 COUNTY: Hancock

Maine

Detailed statement as to the fliness of the original description; including marks found, stampings, changes made, and other pertinent facts: The station was recovered as described.

ADJUSTED HORIZONTAL CONTROL DATA

GREAT DUCK ISLAND LIGHTHOUSE

THIRD

-ORGER

44 08 31.521 GEODETIC LATITUDE: ELEVATION: WETERS 68 14 47.210 GEODETIC LONGITUDE: FEET

STATE COORDINATES (Feel)						
STATE & ZONE	CODE	×	Y	8 IOR A GI ANGLE		
HE E	1801	566, 556, 52	112,644.02	+ 0°10′36		
	1	1				

TO STATION OR OBJECT	GEODETIC AZIMUTH (From 1957b)	PLANE AZIMUTH *  (From south)	CODE
	1		
	ļ		

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

### HORIZONTAL CONTRUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM OUAD 440682 MAINE STATION 1052 LATITUDE 44 0 0Cr TO 44 0 30r LONGITUDE 68 0 00, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

GREAT HEAD (Hancock County, Maine, K.G.C., 1934) -- Station is on the highest bluff on the SE side of Mount Desert Island, overlooking Frenchmars Bay. The bluff is known as Great Head and is just B of Newport Cove. Station is 17.1 meters E of a stone building of 21.15 meters circumference and 5 meters in height. The building is an observatory belonging to H.L. Satterlee and is a prominent landmark from the bay. Station is on an irregular ledge about 2 meters from the edge of the steep bluff.

The station is marked by a standard bronze disk set in con-

Reference marks are standard bronze disks wedged in drill holes in outcropping bedrock. They are both in flat ledges just S of the

station and E of the observatory. To reach the station from Bar Harbor, go S on Main Street, From beacon at Cottage Avenue and Main Street go 1.4 miles and take left at fountain. Follow this Shore Road 3.3 miles then take private road left at Great Head sign. Take first road left and follow 0.2 mile to intersection, then turn sharp left and follow 0.2 mile to trail on right marked "Great Head Trail." Follow trail about 1/2 mile E to observatory and station.

OBJECT DISTANCE	DIRECTION	
ASH meters	000010010	
EGO ROCK L.H.	11 55 32	
R.W.No.1 2,691	106 49 58	
R.M.No.2 2.871	166 58 08	
R.M.No.1 to R.M.No.2 2.791 Height of telescope above station mark - 1.	.5 meters.	

GREAT HEAD (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944)
Station and reference marks re-

covered in good condition. Station mark is not cemented in drill, but it is tight in place. Reference mark distances measured and check.

YAME OF STATION:			44	
HA T NE		1934	SECOND	
STATE:	YEAR:			-08066

STATE:

G- 6053 SOURCE

GREAT HEAD

44 °19 '42 342 METERS GEODETIC LATITUDE: 68 10 29.593 **SEXCED** FEET GEODETIC LONGITUDE:

-	STATE COORDINATES (FEAT)						
STATE & ZONE	CODE	×	٧	8-04Q GIANGLE			
ME E	1801	585,071.92	180,633.71	+ 0°13'38"			

\* Plane azimuth has been computed by the  $|\theta|$  ica $\Delta$  at formula neglecting the second term.

TO STATION OR 08/ECT	GEODETIC AZIMUTH (From south)	FLANE AZIMUTH (From Spoth)	CODE
ASH	213 36 40.8	213 23 03	1801

SEP 1977 U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

OREAT HEAD OBSERVATORY (Hancock County, Maine, K.G.C., 1934; D.F.R., 1953)

was recovered as described. Some of inner wooden structure is reported to have burned in 1947, but the stone tower remains in good

condition.

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE LATITUDE 44 STATION 1053 44 ° 00' TO 44 ° 30' LONGITUDE 68 0 0C, TO 68 0 30, DIAGRAM NL 19-11 8 ANGOR

### ADJUSTED HORIZONTAL CONTROL DATA

(1)	NAME OF STATION: GREAT H	EAD OBSERVATORY	
GREAT HEAD OBSERVATORY (Hancock County, Maine, K.G.C., 1934) The observatory is a stone building of 21.15 meters circumference and 5 meters high and situated on the eastern side of Mount Desert	STATE: MAINE	YEAR: 1934	THIRD
Island, on the highest head overlooking Frenchmark Bay.			

G- 6793 SOUND OBSERVATION CHECK ON THIS POSITION

GEODETIC LATITUDE:	44°19′42.196	ÈLEVATION:	VETERS
GEODETIC LONG(TUDE:	68 10 30.494		FEET
		1	

STATE COORDINATES (Feet)					
CODE	×	γ	8 1040 BI ANGLE		
1801	585,006.49	180,618.66	+ 0°13′37″		

 $^*$  plane azimuth has been computed by the  $\,\, \mathfrak{g}$  ior  $\Delta\,$  a). Formula neglecting the second term,

TO STATION OR DBJECT		GEODETIC AZIN		PLANE A		CODE
		0 ,	,	0	, .	
	l					
						}
	ŀ			l		1

POSITION DETERMINED BY TRAVERSE FROM STATICN GREAT HEAD

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

## HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1054

QUAD 440682 STATION 1054
MAINE
LATITUDE 44 ° OC' TO 44 ° 30'
LONGITUDE 68 ° OC' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

		GREEN	Ī				
DEFARTMENT OF COMMERCE U. L. COLIT AND SCOOLITE SERVEY FOUTH 521 For M. 1849 1884  DESCRIPTION	OF RECOVERABLE TOPOGRAPHIC STATION	NAME OF STATION:  MAINE STATE:		1944		THIRD	-¢ap€a
Vame Offich Year Jeneral locality Swon Island, Maine Shoet N Locality Oreen Island Datum North And	1944 Sketch for shoreline and sir photograph reference of distances and reference points:	G- 8790		•			-UNDER
Chiet of party Fred. L. Peacook Little Winnery R. Rudolph Lat. Long Approximate elevation above high-water mark 30 feet Location method: Randakin Statush Theodolite, Minniwkarners	oasing oasing	GEODEFIC LATITUDE: GEODEFIC LONGITUDE:	44 °06 ′51 . 68 26 50 .		\$ť.	atied 1	l METERS FEET
Detailed description: Station is located on Green	a prominent			STATE COORDINATES (Fee	rt)		
rock ledge outcrop on the northeastern side of the Island, about 50 meters south of the side of Island, and rock ledge is about 3	ne northerni	STATE & ZONE	1801	× 513,801.03	102,4		0° 02' 12"
than surrounding grass area. Mark is a ste stamped "GREEN 1944".	REFERENCE POINTS IDENTIFIABLE ON AIR PROTOGRAPHS			320,00000	,,,,		V 02 12
Object Distance Direction Animeth	Obset Distance Dreeting Assemble Dreeting Oo Oo'	PLANE AZIMUTH HAS BEEN C	OMPUTED BY THE A	DRÁ ⊄I FORWULA NEGLECTIN	S THE SECOND TERM	<u> </u>	
		*	TION OR OBJECT	GEOOE	TIC AZIMUTH rom south)	FLANE AZIMUTH (From south)	CODE
K.  Distances must be horizontal distances actually measured on t  Above distances measured by:  EFFERIOR TOPSTITCH MINING JAMASHAD 20, 20, 20, 21, 21, 22, 24, 25, 24, 27, 24, 27, 24, 27, 22, 24, 27, 27, 27, 27, 27, 27, 27, 27, 27, 27		!		۰	, ,	0 /	*
	ine,F.L.P., 1944; I.R.R., 1956) the station was recovered in good bription is adequate and complete. In disk, stamped "GREEN 1944."					54	058

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

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM GRINDSTONE (Hancock County, Maine, F.P.W., 1860) -- On the summit

QUAD 440682

STATION 1055

LATITUDE 44 0 001 TO 44 0 301 LENGITUDE 68 . 00, TO 68 . 30, DIAGRAM NL 19-11 BANGOR

ADJUSTED HORIZONTAL CONTROL DATA

GRINDSTONE

MAINE

1860 YEAR

THIRD

6793

GEODETIC LATITUDE: 44 °22 '51.251 68 05 43.734	\$\tem \tem \tem \tem \tem \tem \tem \tem	40 veters
--	---	-----------

		STATE COORDINATES (Feet)		
STATE & ZONE	CODE	×	Y	8 CRA DI ANGLE
ME E	16:01	605,755,39	199,854.44	+ 0°16′59″

Plane azimuth has been conjuted by the  $|\mathfrak{g}|$  for  $\Delta$  at forward neglecting the second term

TO STATION OR 09/ECT	GEODETIC AZIVUTH (From south)	PLANE AZIMUTH 4 (From 5021b)	CODE
GRINDSTONE NECK STD.	• / •	0 , *	180

51 438

The station is a hole drilled in a rock. GRINDSTONE (Hancock County, Maine, F.P.W., 1860; Maine Geod.S., 1933) -- The station is on Grindstone Neck, on which are now several summer cottages and a summer hotel, called the Grindstone Inn.

of a stony hill on Grindstone Neck, W side of Winter Harbor. The land is owned by Mark Bunker, who lives at the head of Sand Cove of Winter Harbor. A road from Winter Harbor passes close to the

station and terminates 5/8 mile beyond, at the S end of the neck.

I found a drill hole in a ledge, on the highest part of the Neck, and it appeared to be the station, although I am not certain of the identification. About 1.5 feet WSW of the supposed station mark, and about 4 inches lower, is another drill hole, considerably larger in diameter. The point is about 35 feet ENE of the center of the traveled part of the road which passes in front of the Grindstone Inn and is some 250 feet SSE of the main entrance to the hotel. A prominent standpipe, about 8 feet in diemeter, now painted light yellow, with an ornamental iron top, bears some 13° W of N from the station, distant about 253 feet. At a distance the tank looks much like a chimney. The view from the station is almost wholly obstructed by trees and buildings.

ORINDSTONE (Hancock County, Maine, F.P.W., 1860; K.G.C., 1934) -- The station was recovered as described, and is almost 250 feet SSE of the entrance to a summer hotel called Grindstone Inn, on Grindstone Neck, and is approximately 253 feet E by S from the hotel standpipe (True azimuth 284°05').

The station is 35 feet EME of the road which passes in front of the Inn. Recovery was checked by locating the position of the standpipe in the 1934 work.

The station was re-marked and two reference marks were established. Marks are standard bronze disks wedged in drill holes in outcropping bedrock. There is a large drill hole almost 1.5 feet

OBJECT GRINDSTONE NECK STD.	DISTANCE	DIRECTION
PIPE (approx.) R.M.No.1 R.M.No.2	253 feet 3.768 meters 4.888 meters	0°00'00 <b>%</b> 0 122 44 228 41
R.M.No.1 to R.M.No.2	6.767 meters	

GRINDSTONE (Hancook County, Maine, F.P.W., 1860; Maine Geod.S., 1935) -- There seems to be an error in recovery note of K.G. Crosby 1934, for "Grindstone" is approximately 253 feet S by E from "Grindstone Neck Standpipe" and not E by S as stated. The azimuth is about 347° and not 284°.

GRINDSTONE (Hancock County, Maine, F.P.W., 1860; F.L.P., 1944) -Station recovered as described by K.G.C. in 1934, except it is S by E of the Grindstone Neck standpipe as stated by Maine Geodetic Survey, 1935. Distances to reference marks were checked., All marks are in good condition.

#### RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION: GRINDSTONE ESTABLISHED BY: F.P. V.

RECOVERED BY: N.O.S.

YEAR: 1860 YEAR, 1965 STATE: Maine COUNTY: Hanoook

BENCH MARK(S) ALSO [

K

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 1.1 miles southwest of Winter Harbor

Detailed statement as to the fitness of the original description; including marks found, stategings, thankes made, and other pertinent facts: Station mark and both RMs recovered in good condition as described in 1934 except the Grindstone Inn is gone. Hotel standpipe, GRINDSTONE NEOK STANDPIPE, 1934, remains. The mark is on the east side of the road in thick growth of evergreens.

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682

STATION 1056

MAINE LATITUDE 44 ° 00' TO 44 ° 30'

LONGITUDE 68 . OC. TO 68 . 30. DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

HADLEYS POINT

1865 YEAR.

SECOND

44 26 18 952 49 GEORETIC LATITURE: METERS **Š**ČÁĽEÔ 68 19 05.882 GEODETIC LONGITUDE:

		STATE COORDINATES (Feet)	•	
STATE & ZONE	CODE	x	Y	BIORA SI ANGLE
ME E	1801	547,455.98	220,677.31	+ 0°07′38°

 $^*$  flane azimuth has been computed by the  $|\mathfrak{g}|$  or  $\Delta|\mathfrak{q}|$  formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIVUTH (From south)	FLANE AZIMUTH * (From south)	CODE
HIGGINS	36 15 17.94	36 ° 07 40 °	1801

51 270

HADLEYS POINT (Hancock County, Maine, G.A.F., 1865) -- On the point of that name, the most northerly point of Mount Desert Island. The station is about 1/2 mile S by W of the extreme point, about 1/4 mile N of the Eden-Salisbury Cove Road, and about 5/8 mile NE by N from Eden. The land was then owned by Abraham Richardson, whose house stood about 30 meters to the southward. The station mark is a copper bolt set in a hole in a rock.

RICHARDS station is on the same hill, about 250 meters to the E by N. Care should be taken not to mistake the one for the other, as they are marked in the same manner.

HADLEYS POINT (Hancock County, Maine, G.A.F., 1865; K.G.C., 1934)-On the point of land by that name, which lies in Mount Desert
Nerrows between Thomas Bay and Salisbury Cove and about 1/2 mile
S of the N tip of the point. The station, a copper bolt set in a
hole in a rock, is in an open pasture about 300 meters W of the road leading N to the point. There is a fence about 150 feet W of the road and the station is 225 feet W of this fence.

Reference mark No.1 is NE of the station, 200 feet W of the fence. Reference mark No.2 is NW of the station, 277 feet W of the fence.

To reach from Ellsworth go S on Highway 3, to the junction of Highway 198. Thence E 3 miles on Highway 3 and take road left toward shore 1/2 mile. The station is in the pasture on the left.

A 60-foot tower and tripod was erected over the station. OBJECT DISTANCE HIGGINS meters 000010000 R.M.No.2 91 15 33 18,272 R.M.No.1 20.362 170 53 29 R.M.No.1 to R.M.No.2 24.782

HADLEYS POINT (Hancock County, Maine, G.A.F., 1865; F.L.P., 1944) -Station recovered as describ-

ed by K.G.C. in 1934. Station and reference marks are in good condition. Another aid in recovery is, some of the remains of the signal are still there. Distances to reference marks were checked.

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY . NATIONAL GEODETIC SURVEY

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM GUAD 440682 MAINE

STATION 1057

LATITUDE 44 ° 3C' TO 44 ° 30' LONGITUDE 68 ° 0C' TO 68 ° 3C' DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

HADLEYS PT PEAK ROOF YEL CUP

STATE: MAII

1934 YEAR: THIRD

- ORDER

G- 6793

SOURCE:

GEODETIC LATITUDE: 68 18 30.563 ELEVATION: METERS
GEODETIC LONGITUDE: 768 18 30.563

STATE COORDINATES (Feet)								
STATE & ZONE	CODE	×	Υ	# IONA dI ANGLE				
ME E	1831	550,020,42	219,798,96	+ 0°08'03				
	1							

 $^{\circ}$  plane azimuth has been computed by the | heta| for  $\Delta|$  41 formula neglecting the second term.

TO STATION OR COJECT	GEODETIC AZIMUTH (From south)	PLANE AZIMUTH *	CODE
	S F #	0 7 -	
	!		
	1		

52 113

HADLEYS POINT, YELLOW CUPOLA, RED PEAKED ROOF (Hancock County, Maine, K.C.C., 1934) -- The yellow cupola, with a short white spindle at top of red peaked roof, on a large barn amongst several yellow painted farm buildings at Hadleys Point on the N end of Mount Desert Island.

HADLEYS POINT, YELLOW CUPOLA, RED PEAKED ROOF (Hancock County, Mains, K.G.C., 1934; F.L.P., 1944)
Station is located about 3/4 mile SE of Hadley's Point, about 80 meters N of State Route II on the E of two yellow hip-roofed barns which are about 50 meters apart. The ridge of the roof of the center section of the barn that the station is on, runs NE and SW, while the ridges of the connecting wings on either side run NW and BE.

Station is the square, yellow, red-roofed cupola with shuttertype ventilators, small white spindle on top of the pyramidal roof, and is located on the center of the barn.

The NW wing has three round ventilating cupolas on the roof and the SE wing has only two.

The W barn mentioned above, has four round ventilating cupolas and two square ones with small yellow spindles on top.

HADLEYS POINT, YELLOW CUPCLA, RED PEAKED ROOF (Hancock County, Maine, K.G.C., 1954; I.R.R., 1956)

The atation was recovered in good condition.
The 1944 recovery note by F.L.P. is adequate and complete.

والمحارث وستقادات

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

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 STATION 1058
MAINE
LATITUDE 44 ° 0C' TO 44 ° 30'
LONGITUDE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR STATION 1058

		ADJUSTE	D HORIZON	TAL CONTR	OL DATA		
DESCRIPTION OF RECOVERABLE TOPOGRAPHIC S  Recoverable topograph reference  Sketch for shoreline and air photograph  OF STATION: HAM  STATE: MAINE  SOURCE: G~ 6853	٧	<sub>ÉAR:</sub> 1944		тнт	RD - CROER		
Checked bykinymond Glaser Approximate elevation above high-water mark 15 feet Location method: Manufactura restauration for the most norther ly Detailed description: Station is located on the most norther ly	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °22′31. 68 25 23.			\$EXCES	1 NETE FEET	
point of Bartlett Island in upper Blue Hill Bay, 24 meters from the end of Point, 29 meters from eastern			STATE COORD	NATES (Feet)			
side of Point, about 25 meters from northwestern side of point, and about on the center of the ridge. Mark is a	STATE & ZONE	CODE	×		Υ	# OR A BI ANGLE	¢.
standerd disc stemped "HAM 1944" set in ledge rock BARTLETT IN AND	ME E	1801	520.09	2.66	197,611.73	+ 0°03'1	4 "
CHORELINE REFERENCE DISTANCES  REFERENCE POINTS IDENTIFIABLE ON AIR PROTOGRAPES  Object Interior Direction Atlantih Object Interior Direction Atlantih							
№ Н. W. L 24 ENE 00° 00′ 00° 00′	FLANE AZINUTH HAS BEEN CO	PUPUTED BY THE # 40	AQ DI FORMULA	NEGLECTING THE SE	COND TERM.	· <b>L</b>	_
M H W L 29 Rest	TOSTAT	ION OR OBJECT		GEODETIC AZIM		Z:VUTH CODE	e
Distances must be horizontal distances actually measured on the ground—not scaled.				0 /	# S	, ,	
Above distances measured by:  REFERENCE TO THE PROPERTY OF THE							
HAM (Hancock County, Maine, F. L. P., 1944; I. R. R., 1956)  The station was recovered in good condition. The original description is adequate and complete. It is marked by a topographic disk, stamped "HAM 1944."			•			52 353	

U.S. DEPARTMENT OF COMMERCE
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## HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAB 440682 STATION 1059
HAI NE LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

			ADJUSTE	D HORIZONTA	AL CONTRO	l data	
MOUNT DESERT NARROWS, SOUTH TRANSMISSION TOWER (Hancock County, Maine, K.G.C., 1934) The center of the transmission tower on the S side of Mount Desert Narrows at the point where Highway 3 crosses the narrows.		NAME OF STATION: MT DES		NS S TRANSM	TWR	T+	HIRD
MOUNT DESERT NARROWS, SOUTH TRANSMISSION TOWER (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944) Station recovered in good condition as described by K.G.C. in 1934.  MOUNT DESERT NARROWS, SOUTH TRANSMISSION TOWER (Hancock County, Maine, K.G.C., 1934; I.R.R., 1956) The station was recovered in good condition.		SOURCE: G- 6793	44 °25 ′45, 68 22 01,	594		ELEVATION:	
The original description is adequate and complete.				STATE COORDINA	CTES (Feet)		
/·		STATE & ZONE	CODE	, <b>x</b>		Y	Ø 10F
RECOVERY NOTE, TRIANGULATION STATION  NAME OF STATION: MOUNT DESERT NA PROWS, SOUTH TRANSMISSION TOWER ESTABLISHED BY: K.G.O. YEAR: 1934 STATE: Maine BENCH MARK(S) ALSO RECOVERED BY: N.C.S. YEAR: 1965 COUNTY Hangook	R	ME E	1801	534,713.		17,263.19	9 +
AIRLINE DISTANCE AND DIRECTION FROM NEAREST TORN: 4 miles west of Salsbury Cove		PLANE AZIVUTH HAS BEEN CO	SPUTED BY THE 0 1	ORA OI FORMULANEI	GLECTING THE SEC	NOTERU,	
Detailed statement as to the fitness of the original description; including marks found, stampings, thanges made, and other pertinent facts:		TOSTAT	ON OR OBJECT		GEOGETIC AZIMUT (From 10:10)		NE AZIMUTH <sup>*</sup> From south)
RECOVERY NOTE, TRIANGULATION STATION  RECOVERY NOTE, TRIANGULATION STATION  NAME OF STATION, Mount Desert Narrows, South Transmission Tower ESTABLISHED BY: K.G.C. YEAR. 1934 STATE: Maine Bench Mark(s) ALSO [] RECOVERED BY: L.F. Smith YEAR. 1970 COUNTY; Hancook  AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 8-1/2 miles SSE of Ellsworth  Detailed statements to the fitters of the criginal description; including marks found, stampings, charges made, and other perdicent facts:  Tower has been removed, however the four concrete foundations of the legs are in place.	R						• •
							<b>52 1</b>

52 121

-ORDER

# 0° 05' 35"

PEET

CODE

ı

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### HORIZONTAL CONTRUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

GEODETIC LATITUDES

QUAD 440682 MAINE

STATION 1060

ALEVATION:

LATITUDE 44 0 00' TO 44 0 30'

LONGITUDE 68 0 00, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

### NO ORIGINAL TEXT

HARBOR ISLAND (Hancock County, Maine, J.W.D., 1875;1911) -- On the NE part of the island of that name, which lies immediately S of Swan Island off the mouth of Burnt Coat Harbor.

The station is at the upper edge of a clearing, and near the large house belonging to Mr. Stinson, and is marked by a copper bolt set in a hole in a rock, about 118 feet WSW from the western corner of the barn.

Two reference marks are 3/4-inch drill holes filled with lead and placed, respectively, 18.14 meters NE by E and 21.25 meters SE by S from the station.

HARBOR ISLAND (Hancock County, Maine, J.W.D., 1875; F.L.P., 1944)
-Station and reference marks
recovered in good condition. Reference marks are 18.14 meters
ESE, and 21.27 meters SW of station instead of as given in the
description. Description is adequate, except barn is no longer
there, but station is 90 meters SW of the corner of the "L" of a 1-1/2 story, abandoned, unpainted house. The angle between reference marks is 94°46'.

#### ADJUSTED HORIZONTAL CONTROL DATA

NAVE OF		I SL AND	1875	THIRD	-ORDER
SOURCE:	G- 6793				

GEODETIC LONGITUDE:	08 20 28	*31	SCALED	FEET
		STATE COORDINATES (F	ret)	
STATE & ZONE	CODE	×	Υ	# 109 A GI ANGLE

				I .
STATE & ZONE	CODE	×	Y	# 104 A SLE
ME E	1801	515,424.12	108,024.92	+ 0°02′27

" Flane azimuth has been couputed by the  $|\theta|$  for  $\Delta$  of Formula neglecting the second term, GEODETIC AZIMUTH PLANE AZIVUTH CODE TO STATION OR OBJECT (From south) (From south)

POSITION DETERMINED BY DATUM DIFFERENCES

44 07'46.86

52 290

METERS

U. S. DEPARTMENT OF COMMERCE
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NATIONAL OCEAN SURVEY . NATIONAL GEODETIC SURVEY

## HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 MAINE STATION 1061 LATHRUDE 44 ° 0C' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30' DIAGRAM NL 19~11 BANGOR

THIRD

PLANE AZIMUTH

(From south)

-ORDER

S CRA A ANGLE

+ 0°02'04"

VETERS FEET

CODE

34

### ADJUSTED HORIZONTAL CONTROL DATA

DEPARTMENT OF COMMERCE RECOVERABLE TOPOGRAPHIC STATION.  DESCRIPTION OF RECOVERABLE TOPOGRAPHIC STATION.  Name HARD  General locality Blue Hill Bay, is. Short No. T-8568  Locality Hardwood Id. (s. end)  Datum N.A. 1927  This of party Fred. L. Peacock  This of party Fred. L. Peacock  THERENO Ruth E. Rudolph  Sketch for shoreline and sir photograph reference points:  ARRIVED  ARRIVED  Sketch for shoreline and sir photograph reference points:		NAME OF STATION: HARD STATE: MAINE  SOURCE: G- 6853		AR: 1944			тн
Checked by Raymond Glaser Approximate elevation above high-water mark 110 feet #ARD, Op 1444	† !	GEODETIC LATITUDE:	44 '17 '58.' 68 27 03.				X1'EY
Location method discussion frameworth the colonies, and a stream transfer of the ledge a flittle S.W. of the highest point on southern partof Hardwood Island. Station is on top of ridge		SECRETIC LONGITUDE:		STATE COORD	NATES (Fees)		
running S.W. and is on range with large boulder (6'). 25 m. S.Z. and enother very large boulder (9') down hill to S.E. at edge	•	STATE & ZONE	CODE	×	[ T	· ·	
of trees. Drain is N.W. and W. of Station.		ME E	1801	512,86	7.20	169,9	12.88
SHORELINE REFERENCE DISTANCES Object  Distances Distances Distances must be horizontal distances actually measured on the ground—not scaled.  Above distances measured by:  REFERENCE POINTS IDENTIFIABLE ON AIR PHOTOGRAPHS  Distances must be horizontal distances actually measured on the ground—not scaled.  Above distances measured by:  REFERENCES: Tejographic Maccai, parample 154, 25, 25, 27, and page 25, Bydraysphic Maccai, Mil.  15—1001—3 are		* FLANE AZIYUTH HAD EEEN CO	WAUTED BY THE & TO	RA 41 FORMULA	GEODETIC		PLANE (Fra
HARD (Hancock County, Maine, F. L. P., 1944; I. R. R., 1956).  The station was recovered in good condition. The original description is adequate and complete with the following addition:  The station is marked by a topographic disk, stamped "HARD 1944."				,			ţ

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

### HORIZONTAL CONTRUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE .

STATION 1062

LATITUDE 44 0 001 TO 44 0 301

LONGITUDE 68 0 0C, TO 68 0 30, DIAGRAM NE 19-11 BANGOR

## NO ORIGINAL TEXT

HARDWOOD ISLAND (Hancock County, Maine, G.A.F., 1863;1911) -On the highest hill on SE end of the island of that name, which
lies between Mount Desert Island and Long Island, about a mile W
of the former and 3/4 mile SW of Bartlett Island.

The hill is entirely bare and the station, which is marked by
a hole drilled in the rock and covered by a cairn, is about 100
words S of a fance.

yards S of a fence.

#### ADJUSTED HORIZONTAL CONTROL DATA

	HARDWOOD	ISLAVI
NAME OF STATION:		

1863 YEAR:

THIRD

-OADER

G- 6793

STATE COORDINATES (Feet)					
STATE & ZONE	CODE	×	Y	FICRA DIANGLE	
E E	1801	512,871.35	169,892.84	+ 0°02′04	
	1 1				

 $^*$  flane azimuth has been confuted by the | heta| ior  $\Delta|\phi|$  formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	FLANE AZIMUTH * (From south)	COOE
	• , ,	٠ , ٠	•
	1		

JUL 1977 U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY . NATIONAL GEODETIC SURVEY

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

К

440682 STATION 1063 MAINE LATITUDE 44 ° 00' T0 44 ° 30' LONGITUDE 68 ° 00' TO 68 º 30' DIAGRAM NL 19-11 BANGOR

### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION

**DBS BY CGS** 

MAINE

1861

SECOND

G-06793

HATHAWAY

GEODETIC LATITUDE: 44 °22 '31.65700 GEODETIC LANGITUDE: 68 01 44.23600	SCALED	21	WETERS FEET
--	--------	----	----------------

	Y BIONES ALANO
ME E 1801 623,159.37	97,963.36 + 0°19′

PLANE AZINUTH HAS BEEN COMPUTED BY THE \$ 100 AT FORMULA NEGLECTING THE SECOND TERM.

······································			r*
TO STATION OR OBJECT	GEODETIC AZIMUTH (From scuth)	FEANE AZIVUTH " (From south)	CODE
Corea	232 50 56.4	232 31 10	1801

THESE DATA ARE OBTAINED FROM ADJUSTMENT OF 1946

WD 066

HATHAWAY (Hancock County, Maine, F.P.W., 1861) -- On a rocky hill on the W coast of Prospect Harbor about midway between Bunkers and Birch Harbors.

The station is about 200 meters from the coast and is marked by a hole drilled in a rock.

HATHAWAY (Hancock County, Maine, F.P.W., 1861; Maine Geod.S., 1930) --I went to this station on August 28, 1930, and found the drill hole to be in good condition. It is covered with a small pile of stones. The vicinity is sparsely wooded with low, scrubby pines. The land is now owned by B.M. Moore, of Prospect Harbor.

HATHAWAY (Hancock County, Naine, F.P.W., 1861; K.G.C., 1934) -- On the E side of the Schoodic Peninsula on the neck of land which lies between Birch Harbor and Bunkers Harbor, about 1/4 mile W of the shore line of Prospect Harbor.

The station is on a very rugged ledge surrounded by trees, 20 feet S of the N edge of the ledge and 25 feet W of the E edge. Reference mark No.1 is 40 feet S of the N edge and 25 feet W of the E edge of the ledge. Reference mark No.2 is 20 feet S of the N edge and 45 feet W of the E edge of the ledge.

The station is most easily reached by boat from Prospect Harbor by landing at the southernmost of two pebble beaches and walking W to the station. It can also be reached by truck by the gravel road which runs S from Birch Harbor. It is on the property owned by Mr. Byron Moore of Prospect Harbor.

A 20-foot tripod and scaffold were built over the station. OBJECT DISTANCE DIRECTION COREA meters 0.00:0010 123 06 18 R.M.No.1 5.210 234 04 55 R.M.No.2 6.820 R.M.No.1 to R.M.No.2 9.950

HATHAWAY (Hancock County, Maine, F.P.W., 1861; F.L.P., 1944) -Station and reference marks were recovered and in good condition. Reference marks checked and description is adequate. The wooden tower is still standing and when tower is destroyed the rock piles anchoring the legs will aid in the recovery of the station.

#### RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION: HATHAWAY ESTABLISHED BY: P.P.W. YEAR: 1861 STATE: Maine BENCH MARK(S) ALSO RECOVERED BY: N.O.S . YEAR: 1965 County: Hancock AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN:

1.1 mile south-southeast of Birch Harbor Detailed statement as to the fitness of the original description; including marks found, atsopings, changes made, and other pertinent facts: Recovered in good condition as described in 1934 except on land of James B.

Pather. To reach from the junction of State Highway 186 and Schoodic Point Road, go take the left fork(to Moloon's hobster Pound) and goo. 3 mile to a fork, take the

south on Schoodic Point Road (Also called Wonsqueak Road), for 0.75 mile to a fork, left fork and go 0.1 mile on private road to land of Rather (may be chained at this point if not summer season), cont. ahead for 0.2 mile to end of truck travel at a dim footpath on the left. Pack northeast up the hill for about 600 feet to the station.

(Continued on next page)

SEP 1977 U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY

NATIONAL GEODETIC SURVEY NORTH AMERICAN 1927 DATUM

STATION 1063 ' TO LONGITUDE 10 DIAGRAM

HATHAWAY (Continued)

RECOVERY NOTE, TRIANGULATION STATION QUAD NO.

NAME OF STATION: HATHAWAY

ESTABLISHED BY: P.P.W.

RECOVERED BY: L.F. Smith

YEAR: 1861 STATE: Maine BENCH MARK(S) ALSO

YEAR: 1970 COUNTY: Hangock

MIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 1 mile SSE of Birch Harobr

Detailed statement as to the fitness of the original description; including marks found, statepings, changes made, and other pertinent facts:

Station was recovered and all marks found in good condition, as previously described. The land is now owned by Mr. J.B. Rathers. A 12-foot wooden tower has been built over the station mark, and is presently in good condition. ~

To reach station from the post office at Birch Harbor, go south on Wonsqueek Rd. for 0.75 mile; take left fork and follow macedam road for 0.25 mile to fork at end of macedam. Take left fork and follow track road 0.15 mile to the southeast corner of Mr. Rather's lend; continue ahead for 0.2 mile to end of truck travel at power pole No. 145-6. Walk northeast across flat, brushy, tree-covered area about 200 yards to station.

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

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM OVAD 440682 MAINE

STATION 1064

LATITUDE 44 000' TO 44 030' LONGITUDE 68 000' TO 68 030' DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

HAYNES (Hancock County, Maine, G.A.F., 1864) -- On the highest part of the prominent point of that name on the E side of Union River Bay, about 7/8 mile true N from SW Point and abreast of Hopkins Point of Newbury Neck.

The station mark is a copper bolt set in a hole in a rock.

HAYNES (Hancock County, Maine, O.A.F., 1864; K.G.C., 1934) -- In Trenton Township, on the W bank of Union River Bay, on Haynes roint which lies about 1.5 miles N of the S end of this general neck of land, and is the only prominent point in the vicinity.

The station mark in a small boulder which projects about 1 foot above the grass, is 25 feet S, of the center line of the road leading to the station, 141 feet E, of the W high-water line and 77 feet N of the S high-water line.

Reference mark No.1 is 175 feet E of the W high-water line

and 15 feet N of the center line of road.

Reference mark No.2 is 198 feet B of the W high-water line and 26 feet S of the center line of road.

To reach station from the Ellsworth post office, go S 9.5 miles on the road which leads along the E side of the river and turn right at a sign "J.J.E Rothery, 40 Broad St. Boston ". Follow this road 0.5 mile to station.

A 20-foot frame was erected over the station.

OBJECT DISTANCE DIRECTION

BARTLETT meters 0°00'c0%0

R.M.NO.1 16.080 231 22 00

R.M.Ho.2 17.200 284 01 39

R.M.NO.1 to No.2 14.790

HAYNES (Hancock County, Maine, G.A.F., 1864; F.L.P., 1944) (Previous -Station and reference marks recovered in good condition as described by K.G.C. in 1934. Distances to reference marks were checked and found correct, except the distance to reference mark 1 was found to be 16.105 meters instead of 16.000 meters.

HAYNES (Hancock County, Maine, G.A.F., 1864; I.R.R., 1956)
The station mark and reference marks 1 and 2 were recovered in good condition. The distances to the reference marks were verified with the exception noted below. The 1934 description by K.G.C. is adequate with the following additions:

The distance to reference mark 1 was found to be 16.105 m.

instead of 16,060 m.

Reference mark 1 is stemped "HAYNES 1864 1934 NO 1," Reference mark 2 is stemped "HAYNES 1864 1934 NO 2."

F STATION:

MA I NE

1864

SECONO

-ORDER

G- 6053

GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °24 '49 1559 68 25 59 469	<b>ያዲ</b> ኒሊኒ <sub>ር</sub>	. 1	NETERS FEET

STATE COORDINATES (Fret)								
STATE & ZONE	CODE	×	Y	8 ORA OLANGLE				
ME E	1801	517,457.81	211,580.00	+ 0°02'48"				
		f						

 $^{*}$  plane azimuth has been computed by the  $|g|\cos\Delta|$  at formula neglecting the second term,

GEOBÉTIC AZIMUTH (From soath)	FLANE AZIMUTH * (From soush)	CODE
358 55 54.1	358 53 06	1801
	GEODETIC AZIMUTH (From south)	GEODETIC AZIMUTH  (From south)  (From south)  (From south)  (From south)

SFP 1977

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

## HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAG 440682 STATION 1065
MAINE
LATITUDE 44 ° 0C' TO 44 ° 30'
LONGSTUDE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR STATION 1065

									ADJUSTE	D HORIZONTA	AL CONTROL (	DATA		
	·,	-	ve .			·- ~	·	NAVE OF STATION: HEAD						
DEPARTMENT OF COL 1. L COLIT AND GEOGETIC FORM 524 Ber, May 554	MERCE Extr	DESCRIPTIO	N OF RECOVERAB	LE TOP				MAINE STATE:	٧	1944 EAR:		THIR		<b>ADÉR</b>
Name HEAD General locality Jer Locality Swan Id Light of party Fred Scalar Abraham	icho Bay, M	aine Sheet Datum N.A. 19	No. 7×8570	ketch for shoreline distances and ref	erence points: HEAD	0 1 4	as Nos	G- 8790						
Checked by Walter Approximate elevatio Location method: The	E.Schmidt n above high-wat KKKKEDOSKKKK	Long.	oktopiste		Tres line	***	1	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °10 ′10 68 29 14		:	<b>\$</b> ፟፟፟፟፟፟፟፟፟፟፟፟፟፟	0	METERS FEET
"Head 1944" se	t in drill	nole in ledge as id. Lone evergree	Doint of				. !			STATE COORDINA	ATES (Feet)			
inshore, HNL i	8 8.5 m. no:	ther. Station is	in ranca				:	STATE & ZONE	CODE	×		Y	∌ іся∆	Ø ANGLE
center of Buc	kle Id.	least of Sman Isl	-ing mond disq					ME E	1801	503,302.	.99 122	.611.22	+ 0	°00′32
	LINE REFERENCI			POINTS IDENTIFIA										
over HWL (north)		Oo OO' Asimuth	Egg Rock Lt		Direction 00° 00'	Artzuth		PLANE AZIMUTH HAS BEEN CO	WPUTED BY THE # 1	ORA OI FORWULANE	GLECTING THE SECOND	TEAM.	Ь	
(11/2/11)			FIP (Lone e green on po 25' tall)		251 5	53		TO STAT	ION OR OBJECT		GEODETIC AZINUTH (From south)	(From	IZIMUTH * saath)	CODE
Distances must be Above distances inc		es actually measured on	the ground—not scal	ed.	1	1					Q F W	•		
		25 55c, 25, 30, 57, and page 52;	Hydrographic Manual, 135	3.	1	10								
													54 082	2

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

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1066

LATITUDE 44 0 001 TO 44 0 301 LONGITUDE 68 0 00, TO 68 0 30, DIAGRAM NL 19-11

#### ADJUSTED HORIZONTAL CONTROL DATA

HIGGINS (Hancock County, Maine, G.A.F., 1865) -- On the N side

of the hill on Indian Point, W side of Mount Desert Island, about 1 3/4 miles W by S from Town Hill.

The station is about 1/4 mile from the end of the point, 1/8 mile from the shore of Clarks or Northwest Cove, and 1/2 mile N of the W shore road. A branch road to Indian Point passes close to the station, which is marked by a copper bolt set in a hole in a rock. The land then belonged to Sylvanus Higgins.

HIGGINS (Hancock County, Maine, G.A.F., 1865; K.G.C., 1934) -- On the NW side of Mount Desert Island, on Indian point on Western Bay, about 1/4 mile W of Northwest Cove and about 1/2 mile S of the N tip of the point.

The station, is in a small outcropping ledge, surrounded by trees about 50 feet high. An old rail fence runs parallel to the road on the E side and a triangular blaze was cut in a tree in the fence line opposite the station. The station is 36 feet E of the center line of the road.

R.M.No.1, a standard bronze disk wedged in a boulder 2 feet high and 57 feet E of the center line of the road opposite the triangular blaze. Reference mark No.2, a standard bronze disk set in concrete as described in note 11a, is just E of the fence line and 40 feet N of the blaze.

To reach the station from Ellaworth, go S on Highway 3 to the junction of Highway 198. From here continue S 2 miles on Highway 198 and then turn right on surfaced road at sign "Indian Point", follow 1.6 miles and take right fork. Continue about 0.15 mile and take road right at sign Indian Point. Follow 1/2 mile to blaze on right.

A 50-foot tower was used in 1934. OBJECT DISTANCE DIRECTION 000010010 WEST TRENTON meters 82 33 50 R.M.No.1 7.300 15,055 336 38 50 R.M.No.2 R.M.No.1 to R.M.No.2 18.431

HIGGINS (Hancock County, Maine, G.A.F., 1865; F.L.P., 1944) (Previ--Station and reference marks recovered in good condition as described by K.G.C. in 1934. Distance to reference marks were checked.

HIGGINS

STATE:

1865 YEAR:

SECOND

-ORDER

6053

44 °23 '19.756 40 WETERS GEODETIC LATITUDE: SEXTEN 68 22 09.103 GEODETIC LONGITUDE: FEET

STATE COORDINATES (feet)								
STATE & ZONE	CODE	×	¥	S IOR A ST ANGLE				
ME E	1801	534,192.36	202,506.96	+ 0°05′29″				
	1	ĺ						

 $^{*}$  plane azivuth has been pouputed by the  $^{*}$  4  $^{\prime}$ 04  $^{\Delta}$  4). Formula neglecting the second term

TO STATION OR OBJECT	GEODETIC AZIWUTH (from south)	PLANE AZIMUTH (From 50216)	CODE
WEST TRENTON	153 16 52.90	153 11 24	1801
	-		

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

## HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM OUAD 440682 STATION 1067
KAINE
LATITUDE 44 ° 0C' TO 44 ° 30'
LONGITUDE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

			ADJUSTED HURIZUI	MINE COMINGE I	JNIN	
DEPARTMENT OF COMMERCE	7	NAME OF STATION:				
DEPARTMENT OF COMMERCE U. E. COURT NO STOOTHE KENTY FORM 524 Ety. May 184	DESCRIPTION OF RECOVERABLE TOPOGRAPHIC STATION	STATE: MAINE	1944 YEAR:		THIRD	- ORDER
Name HOOD General locality Schoodic Peninsula	Year 1944 Sheet No. T-8587 Datum N. A, 1927  Sketch for shoreline and air photograph reference distances and reference points:  Schooling Sub-Sta.	G~ 6939 source:				John
Checked by Raymond Glaser Approximate elevation above high-water ma Location method: FREEEER STREET, Theo		GEODETIC LATITUDE:	44°19'32.226 68 01 59.699		SEXTED:	1 veters
Detailed description: Station is loc end of Schoodic Island, which of Schoodic Point, on the lar	ated on the southern is about 1 mile east		STATE COD	BDINATES (Feet)		
forms the southwestern tip of	the Island, just a				· T	# ICRA SI ANGLE
11ttle east of the center and 4 meters east of a large bould	highest part of ledge, and about der setting on the ledge. Mark	STATE & ZONE	1801 622,1	20.90 179	,788.37	+ 0°19′34
is a standard disc stanged "H	00D 19447.	MEE	1801 022,1	37.00	1100.21	. 0 17 37
6HORELINE REFERENCE DIST Object Distance Directle	ta Asizoth Object Distance Directica Asizoth					
00, 0	003 007	PLANE AZIMUTH HAS BEEN	COMPUTED BY THE # ICR A 41 FORMU	LA NEGLECTING THE SECOND	TERM.	
		TOSTA	тюч ов овјест	GEODETIC AZINUTH (From socib)	PLANE AZO (From 10	(MUTH* CODE
Distances must be horizontal distances act	ually measured on the ground—not scaled.				ľ	′ ′
Above distances measured by: BEFERENCES: Tepegraphia Manual personants	2, 20, 30, 57, 624 page 63; Hydrographic Marcal, 2361. 18—21062-2 420					
<b>.</b>	and the second s	اذ				ŀ .
					1	1
						52 365
		1				

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

## HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1068

QUAD 440682 STATION 1068
MAINE
LATITUDE 44 0 3C' TO 44 0 3C'
LONGITUDE 68 0 0C' TO 68 0 3C'
DIAGRAM NL 19-11 BANGOR

	_								
DEPARTMENT OF COMMERCE		NAME	4CH :NOITATE SO						
DEPARTMENT OF COMMERCE  B. COAST NO GLOCITE ENVIRE FORM 524  Ect. May 1994	DESCRIPTION OF RECOVERABLE TOPOGRAPHIC SECRETOR	STATE	MAINE		1944		THIRD		
Name HOP General locality Frenchmen Bay Locality The Hop Chief of party Fred. L. Peecock Chief of party Fred. L. Peecock Chief of party Fred. L. Peecock Chief of party Fred. L. Peecock	Year 1944 Sheet No. T-8583  Datum N. A. 1927  Sketch for shoreline and air photograph reference distances and reference points:	SQUR	G- 6939	¥I	AR:				HDER
Checked by Harry R. Rudolph Approximate elevation above high-water n	mark reet THE	SEO	DETIC LATITUDE:	44 °24 '41.		£1£	XTED:	12	WETER
Location method: Fixer hereix The Detailed description: Station is lo is just northeast of Long F	ocated on The Hop, which	GFO	DETIC LONGITUDE:	68 09 22.	195	SC	ALED		FEET
2 miles E.N.E. of Bar Harbo lower and most southerly of	or. Station is on the Long	٠.			STATE COORDINATES (	eet)			
Island, about 10 meters sou prominent ledge outcrop. M	uth of the highest part on ISLAND Merk is a standard topographic		STATE & ZONE	1801	X 500 043 47	Y 21.0.0	04 21		AL ANGLE
disc stemped "Hop, 1944", shoreling befringende Di	ISTANCES REFERENCE FOINTS IDENTIFIABLE ON AIR PHOTOGRAPHS			1001	589,843.47	210,9	94.71	+ 0°	14'26
Object Distance Direct	octica Asimuth Object Division Desettion Asimuth Object In metals Do Desettion Asimuth								
		***	ANE AZIVUTH HAS BEEN CO	WPUTED BY THE # 10	RA 41 FORMULA NEGLECTI	NG THE SECOND TER	u.		
			TOSTAT	ON OR OBJECT		ETIC AZIMUTH From south)	PLANE AZı (From şos		CODE
	actually measured on the ground—not scaled.  In 184, 28, 33, 57, 82d page 82, Hydrographic Manual, 2341.  14—2105-2 are					°. ′ '	٠	· ·	
								•	
								52 369	,

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM DUAN 440682

STATION 1069

LATITUDE 44 ° 00' TO 44 ° 30' EONGITUDE 68 ° 00' TO 68 ° 30' DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

HOPKINS (Hancock County, Maine, 0.A.F., 1863) -- On a bare rocky hill near the center of the southeastern part of Long Island, Blue Hill Bay.

The station is near the eastern edge of the summit and is about 3/8 mile from the eastern shore of the island, about 3/4 mile from its southermost point, and about 1/2 mile from its SE corner. The station is marked by a copper bolt set in a hole in a rock.

HOPKINS (Hancock County, Maine, G.A.F., 1863; K.G.C., 1934) -- Station recovered as described. It is on a rocky hill near the center of the southeastern part of Lorg Island in Blue Hill Bay. The station is on the southeastern part of the ridge forming the high part, and is about 3/8 mile from the eastern shore of the island, 1/2 mile from its SE corner.

A standard bronze disk was placed in the original drill hole; and two reference marks, standard bronze disks wedged in drill holes in outcropping bedrock, were placed as follows: No.1 is NW of the station, and No.2 is W, both on outcropping ledge.

The best way to reach the station from the beach on the SE side of the point is to go W to an open field, and then go N to clearing on top of ridge.

A 30-foot signal anchored with rocks, was built in 1934.

OBJECT DISTANCE DIRECTION

BARTLETT meters feet 0°00'00'00'0

R.M.No.2 9.860 32.35 182 42 38

R.M.No.1 7.400 24.28 284 22 14

13.475 44.21

R.M.No.1 to R.M.No.2

HOPKINS (Hancock County, Maine, G.A.F., 1863; F.L.P., 1944)
-Station and reference marks were
recovered in good condition. Distances to reference marks were
measured and checked. The description of K.G.C. in 1934 is
adequate.

HOPKINS (Hancock County, Maine, G.A.F., 1865; I.R.R., 1956) (PreThe station mark and
reference marks 1 and 2 were recovered in good condition. The
distances to the reference marks were verified. The 1934 description by K.G.C. is adequate with the following additions:
The station mark is stamped "HOPKINS 1865 1934."
Reference mark 1 is stamped "HOPKINS 1865 1934 NO 1."
Reference mark 2 is stamped "HOPKINS 1865 1934 NO 2."

HOPKINS

MAINE

1863

SECOND

-ORDER

G- 6053

STATE COORDINATES (Feet)								
STATE & ZONE	CODE	×	¥	B COR∆ BI ANGLE				
ME E	1801	503,163.89	178,328,38	+ 0.00,30				
	1 1							
	1 1							

 $^*$  plane azimuth has been computed by the  $|\mathfrak{g}|$  or  $\Delta$   $|\mathfrak{g}|$  for mula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	PLANE AZIMUTH * (From soxth)	CÓDE	
BARTLETT	231 45 14.4	231 44 44	1801	

SEP 1977 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY . NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

> NAME OF STATION: PAINE

GEODETIC LATITUDE:

GEOGETIC LONGITUDE:

STATE:

QUAD 440682 Maine STATION 1070 LATITUDE 44 000' TO 44 030'

LONGITUDE 68 0 00, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

THIRD

METERS

FEET

ELEVATION:

#### ADJUSTED HORIZONTAL CONTROL DATA

				•• • •				
	HORSES	SHOE LE	DOE BEAC	ON (Hand	ock Coun	ity Kaine	,K.G.C.	,1934)
						the cask		
Spind	lle on	Horses	hoe Ledg	e, which	i lies ab	out 3 1/	2 miles	WNW of
Great	Duck	Island	Light,	S'of the	western	n entranc	e to No	rtheast
Harhe	Tr.		- •					

HORSESHOE LEDGE BEACON (Hancock County, Maine, K.G.C., 1934; P., 1944). F.L.P., 1944) but it is leaning badly. It is not known if it leaned in the same direction and by the same amount when located.

HORSESHOE LEDGE BEACON (Hancook County, Maine, K. G.C., 1934; D.F.R., 1953) tion was recovered as described except that description would be clearer if it read "5 mi, S-SW of Western Way" rather than "S of the W entrance to Northeast Harbor." Spindle was leaning several ft. in a N direction at this recovery, however, the Coast Guard rights them at periodic intervals.

HORSEHOE LEDGE BRACON (Hancock County, Maine, K.G.C., 1934; J.C.E., 1956) station mark was recovered leaning in a H direction. The 1953 recovery not by D.F.R. is adequate and complete.

		- DADEH
SOURCE: G- 6793		
	44 °09 ′43.171	

STATE COORDINATES (Feet)				
STATE & ZONE	CODE	×	٧	€ (09 A B) ANGLE
ME E	1801	548,733.67	119,851.26	+ 0°07′46

PLANE AZIMUTH HAS BEEN COMPUTED BY THE  $\, heta \,$  for  $\, heta \,$  for  $\, heta \,$  is a final partial regrecting the second term.

HORSESHOE LEDGE BEACON

68 18 51.417

TO STATION ON OBJECT	GEODETIC AZIMUTH (From sextb)	PLANE AZIVUTH (From south)	CODE
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	1	1	
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SEP 1977 U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY , NATIONAL GEODETIC SURVEY

### , ΓAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

R

OUAD 440682 STATION 1071 MAINE LATITUDE 44 9 00' TO 44 9 30' LONGITUDE 68 . 00, TO 68 . 30, DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

HOVEY (Hancock County, Maine, F.P.W., 1860) -- On a hill known as "Hoveys Ledge," at the head of Gouldsboro Harbor, and on the W side of the road leading from Gouldsboro to Steuben. The land belongs to Abel Rovey, whose house is about 200 meters SE from the station on the W side of the road. Luther Steven's house is in the locality but close to the road.

The station is marked by a hole drilled in the ledge.

HOVEY (Hancock County, Maine, F.P.W., 1860; Maine Geod.S., 1930)-I went to this station on August 14, 1930. The drill hole was in fair condition, but the station should be re-marked if it is to be preserved. There is a pile of stones over the drill hole.

It may be reached from a point on Highway 1, about 0.1 mile E of Dyer's Garage. In a nearby tree there was a Geological Survey flag, of the party of H.A. Bean.

HOVEY (Hancock County, Maine, F.P.W., 1860; K.G.C., 1934) -- At the head of Gouldsboro Harbor on the western edge of Hoveys ledge which is about 150 meters N of a small store and filling station on U.S. Highway 1. This filling station is 0.7 mile E of the junction of U.S. Highway 1 and the eastern branch of Highway 186.

The station was re-marked and two reference marks were established. The marks are standard bronze disks wedged in drill holes in outcropping bedrock.

Reference mark No.1 is ESE and Reference mark No.2 is NNE of the station. The station was not occupied for the 1934 triangulation. The old observing was good.

DISTANCE OBJECT 000010010 PIGEON meters 226 14 43 6.493 R.M.No.2 320 59 25 4.060 R.M.No.1 R.M.No.1 to R.M.No.2 7.938

HOVEY (Hancock County, Maine, F.P.W., 1860; F.L.P., 1944)

-The station and reference marks were recovered and in good condition. The distances to the reference marks were measured and checked. The description is adequate except the station is about 3 meters N of where the ledge drops off. Reference mark 1 is NE of the station instead of ESE and reference mark 2 is NW of station instead of NNE.

#### RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION: HOVEY ESTABLISHED BY: YEAR: 1860 BENCH MARK(S) ALSO P.P.W. STATE: Maine YEAR: 1965 N. C.S. COUNTY: Hancock

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN:

0.7 mile north of Gouldsboro

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent facts:

Station and both RMs were recovered in good condition, as described in 1934. To reach from the junction of U.S. Highway 1 and State Highway 186 at Gouldaboro. go north on U.S. 1 for 0.7 mile to a Sinclair filling station (Joy's)on the left, continue 150 feet to the edge of the woods, pack northwest along the edge of the clearing for about 500 feet to the highest part of the hill and the station.

(Continued on next page)

HOVEY

STATE-

SECOND

G- 6053

44 °29 '18. 940 38 GEODETIC LATITUDE: METERS SEXTED 68 02 12.026 GEODETIC LONGITUDE: FEET

STATE COORDINATES (Feet)						
STATE & ZONE	CODE	×	¥	B COR A BLANGLE		
ME E	1801	620,907.58	239,192.53	+ 0°19′29°		

\* Plane azimuth has been computed by the  $\,\, heta\,$  formula reglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From scath)	PLANE AZIMUTH * (From south)	CODE
PIGEON	287 40 04 08	287 20 35	1801
	1		
	1	I	

SEP 1977 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY

by the **HATIONAL GEODETIC SURVEY NORTH AMERICAN 1927 DATUM**  QUAD 440682 STATION 1071 LATITUDE \* TO · / 10 0 / LONGITUDE

DIAGRAM

HOVEY (Continued)

DEPARTMENT OF COMMERCE B. B. COMT AND COUNTY SURVEY FORM 528 (Bet. Feb. 198) RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION: HOVEY

ESTABLISHED BY: P.P.W. RECOVERED BY: RRG

YEAR: 1860 STATE: Maine YELE: 1966 COUNTY: Hancock

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent facts: The station and reference marks 1 and 2 were recovered and all in The station and reference marks 1 and 2 were recovered and all in good condition. The station may be reached by going 0.15 mile north along State Highway 186 from the post office at Gouldsboro, thence 0.7 mile northeast along U. S. Highway 1, thence 0.1 mile northwest across country to top of hill and station site. On property owned by Mrs. Lawrence Joy in 1966. On ledge of rock locally known as Hovey's Ledge. Set on the top of a large mass of bedrook which is at the highest part of hill, 12 feet north of the south edge of ledge, 11 feet east of the west edge of the ledge and set flush with ledge. It is stamped HOVEY 1860 1934.

R. M. I is 13-2 feet southeast of the station, 25.8 feet south of R. M. 1 is 13.2 feet southeast of the station, 25.8 feet south of RM No. 2 122 feet east of the west edge of ledge and stamped HOVEY NO 1 1934. R. M. NO 2 is 21.2 feet northeast of the station, 25.8 feet north of RM NO. 1 and stamped HOVEY NO 2 1934.
Bench Mark F 169 1966 is about 0.15 mile southeast of the station and if station is to be re-occupied could be used as an azimuth. The bench mark is set in the top of a large mass of bedrook and 103 feet northwest of the center line of the highway.

Note of this of party broad to be barded ber. The colour should study you for the plane at the end of the recovery note.

Note—One of these forms and is used for study study recovered.

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

## HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1072

THIRD

FLANE AZINUTH

(From south)

-OADER

# ICRA AI ANGLE

+ 0°10′53°

FEET

CODE

QUAD 440682 STATION 1072
NATINE
LATITUDE 44 000' TO 44 030'
LONGITUDE 68 000' TO 68 030'
DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

DEPARTMENT OF COM- U. a. COURT AND exception Form \$24 Rev. May 1884 Name HULL	MERCE Editory	und glassy.	DESCRIPTION Year 1		ABLE TOPOGRAPH		graph reference	F  -	NAVEOFSTATION: HULL MAINE STATE:	` <b>Y</b> &	1944		ŦHI
General locality Free Locality Hulls Co- Chief of party Fred Lie Local By John	AB .	Date	Sheet N m. N. A. 19	to. <b>T-</b> 8583 27	distances and ref	erence points:	`#	į.	G 6939				
Checked by Harry Approximate elevation Location method: Pro- Detailed description:	R. Rudol n above high nristlerissi Station	ph <u>a</u> water mark ( and Theodolite is on the	Airrheimend south eide	of French	. 1	HULL, 39.	**		GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 <sup>5</sup> 24 '34.' 68 14 27.		Śt	CXTED.
Bay, about 1000 Cove, 150 meter	rs north	est of no	rthwest end	of rocky	High	Mary II	•	:			STATE COORDINATES (F	ret)	
point between	two grave	l beaches,	2 meters	from High-	ater Line,		Kenal buch	•	STATE & ZONE	CODE	×	· ·	
14.6 meters fro 6.5 meters out								}	ME E	1801	567,680.91	210,	185.67
"Hull, 1944". EHORE Object	LINE REFERI Distance In meters	INOE DISTANO: Directica	Aslanth	REFERENC Object	E POINTS IDENTIFIA Distants in motors	Direction	EHITAGOTOI Alballa	į.					
		60° 60'				00° 00°			PLANE AZIMUTH HAS BEEN C	ONFUTED BY THE # 10	RA 41 FORMULA NEGLECTO	49 THE SECOND TE	RV.
•		.,					•		TOSTA	TOPUSO RO POIT		ETIC AZIMUTH From scutb)	FLANE (Fro
Distances must be Above distances on REFERENCES Topo				•			1 13332-\$ ero	7 y					

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAB 440682 STATION 1073
MAINE
LATITUDE 44 ° OC' TO 44 ° 30'
LONGITUDE 68 ° OC' TO 68 ° 30'
DIAGRAM NL 19-11 BANGGR

#### ADJUSTED HORIZONTAL CONTROL DATA

IRESON (Hencock County, Maine, K. G. C., 1934) -- The station is on the N side of Mount Desert Island, 3 1/2 miles NW of Bar Harbor and 9 1/2 miles SE of Ellsworth. Henibal Hamilin and O.W. Tapley of Ellsworth own the land.

The station mark is on the summit or 70 feet SW of probable summit. It is 12 feet W of center line of wood road and 40 feet W of W gutter of a crushed stone road now grown over by white birches, both roads being parallel in a N and S direction at this noint.

The station and Reference mark No.2 are standard bronze disks set in concrete.

Reference mark No.1 is a standard bronze disk wedged in a drill hole in outeropping bedrock. It is a rough ledge about 55 feet W of center line of woods road and 32 feet NE of a 4-foot sharp ridged rock which extends about 1 1/2 feet out of the ground, and is 60.41 feet SSW of station.

Reference mark No.2 is about 38 feet W of center line of woods road and 20 feet SSE of 3-foot square rock which extends about 1 1/2 feet out of the ground. It is 46.79 feet WNW of station.

To reach from junction of Highways 3 and 198, go E on Highway 3 about 5 1/2 miles to the top of a hill and take woods road left just beyond summit. Follow 0.1 mile to fork, take left 0.1 mile to station.

A 60-foot signal was us	sed	
OBJECT	DISTANCE	DIRECTION
TRENTON POINT	meters	000010010
R.M.No.1	18.414	251 34 42.
R.M.No.2	14.260	332 21 08
R.M.No.1 to R.M.No.2	21.415	

IRESON (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944)
-Station and reference marks recovered as described by K.G.C. in 1934, except that the crushed
stone road mentioned in the description as being grown over with
birch trees, is now being traveled. Distances to reference marks
were checked.

STATE: MAINE

**IRESON** 

NE YEAR: 1934

SECOND

-ORDE

G- 6053

NAME OF STATION:

DECODETIC LATITUDE: 68 15 49.962 SCALED FEET

STATE COGRDINATES (Feet)							
STATE & ZONE	CODE	×	Y	# IOHA I ANGLE			
ME E	1801	561,676.83	218,308.71	+ 0°09′55"			

\* PLANE AZIMUTH HAS BEEN COMPUTED BY THE  $~\phi~({
m or\,}\Delta~\phi)~$  Formula reglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIVUTH (From south)	FLANE AZIMUTH * (From south)	CODE
TRENTON POINT	139 15 40.	3 139 05 45	1801
			ŀ

SEP 1977
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 STATION 1074
MAT NE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 SANGOR STATION 1074

				ADJUSTE	D HORIZONT	AL CONTROL	DATA		
DEPARTMENT OF COMMERCE U.S. COLITANS GENERIC RENTY FORM \$21 Rey, May 15M		· ·	IR ISH		1047				
Form \$24 Rev. May E84	DESCRIPTION OF RECOVERABLE TOPOGRAPHIC SAFER	,	MAINE STATE:	•	1944 (EAR:		THI		PADER
Name IRISH General locality Swan Island, Mair Locality Toothacher Bay	Year 1944 Sketch for shoreline and air photograph  Sheet No. 7-8570 distances and reference points:	reference							
Chefof party Fred. L. Peacock L. Peacock L. Chefof party Fred. L. Peacock L. Chefof Walter E. Schmidt Walter E. Schmidt	Datum N.A. 1927		G- 8790						
Checked by Walter E. Schnidt  Approximate elevation above high-water may	IDOES. SWAN ISLAND	•	GEODETIC LATITUDE:	44 '08 '33 68 29 08			\$EXTED	6	WETERS
Location method: POROSCOCOS Theo	dolite, <b>xticgianquepticque</b> x	1	GEODETIC LONGITUDE:	00 27 00	• >10		SCALED		FEET
Trish Point on the southwest		·). :			STATE COORDIN	ATES (Fzii)			
Wark is on about the center of conspicuous rock point which	is shout 10 feet higher		STATE & ZONE	cope	.*		¥	9:092	IN ANGLE
than the surrounding area, ab	out 1 meter in from	Point	ME E	1801	503,724	64 11	2,725.15	+ 0	° 00′ 36′
end and both sides of small r 25 meters north of the high m	ocky point. It is about ater line. Mark is a standard topographic station di	isc stamped							
Other Distance Disent	to Arizonta Deserva A	ing the second s							
	_   ·-		* PLANE AZIMUTH HAS BEEN CO	OMPUTED BY THE #	OR A PORMULA NE	GLECTING THE SECON	D TERM,		
			TOSTAT	ION OR COJECT		GEODETIC AZIMUTH	PLANE A	IZINUTH SOUGH	CODE
	tually measured on the ground—not scaled.								
Above distances measured by: REFEBENCES: Topographic Marial, paragraphs:	56, 20, 30, 87, and page 63; Hydrographic Marcall, 2351.	-3 570							
	k County, Maine, F.L.P., 1944; I.R.R., 1956)	<del>-</del>							
de condition. The st stamped "IRISH 19	-The station was recovered in good ation mark is a standard topographic disk, 14." The original description is adequate a			-	•		'		•
complete.	and the same about position as adoquate as	.,4							
								54 06	5

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

### HORIZONTAL CONTINUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 MAINE

STATION 1075

LATITUDE 44 0 00' TO 44 0 30' LONGITUDE 68 0 00' TO 68 0 30' DIAGRAM NL 19-11 BANGOR

#### TAL CONTROL DATA

				ADJUSTE	D HORIZON
DEPARTMENT OF COMMERCE  1. A CONTROL STATE  EVENT SEA  EVEN SEA  EVENT SEA  EVEN SEA  EVENT SEA  EVEN SEA  EVENT SEA  EVENT SEA  EVENT SEA  EVENT SEA  EVENT SEA  EVE		RAPHIC STATION oreline and air photograph reference and reference points:	NAME OF STATION:  MAINE  STATE:  G- 8790		1944 EAR:
Chief of party Fred. L. Peacock  Line W. R. Rudolph  Checked by W. E. Schmidt  Approximate elevation above high-water mat  Location method: himsulfagating Theo  Estalled description: Station is loca	Lat. Long. th 40 feet dolite, intrinseguephyrjans	Past Sees Sees O Joan, 1954	GEODETIC LONGITUDE:	44 °06 ′35.° 68 24 17.	
of John Island, which is about 5 mile east	of Long Island, Mark is	John Island			STATE COORD
set in ledge rock outcrop the S.S.E., is about 10 feet about	nat extends M.M.W. and   Some	THE THE PROPERTY OF THE PARTY O	STATE & ZONE	CODE	*
5 meters from N.W. end of le Triangulation disc stamped "	dge. Mark is a Standard Collection	asamuna	ME E	1801	524,97
Above distances measured by: REFERENCE Transpills Market purpose if JOHN (Hancock condition. The or	Attracts Olicet Disc.	covered in good	PLANE AZIVUTH HAS SEEN TO ST	COMPUTED BY THE & C	JR∆ © FORWULA

THIRD -ORDER 23 \$CATED NETERS FEET INATES (Feet) 8 IDR A AL ANGLE 0.55 100,823.46 + 0°03′58″ NEGLECTING THE SECOND TERM. GEODETIC AZIMUTH PLANE AZIMUTH CODE (from scarb) (From south) 54 057

SEP 1977 U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY - NATIONAL GEODETIC SURVEY

HORILUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1076

OUAD 440682 STATION 1076
MAINE
LATITUDE 44 000' TO 44 030'
LONGITUDE 68 000' TO 68 030'
DIAGRAM NL 19-11 BANGOR

### AD HISTED HORIZONTAL CONTROL DATA

		ADJUSTED (	IONIZON IAL C	JOHINGE OF	4114		
DEPARTMENT OF COMMERCE  B. A COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF COURT FOR THE STATE OF	NAME OF STATION: LETT		1944		THIRD		
Name LETT General locality Blue Hill Bay Locality Blue Hill Bay Locality Blue Hill Bay Locality Blue Hill Bay Child of part lett Island Child of party Fred. L. Peacock  Year 1944 Sheet No. T8567 M. A. 1927	STATE: 1741112	YEAR:			mad		RDER
Checked by Raymond Glasor Approximate elevation above high-water mark 7 feet	GEODETIC LATITUDE:	44 °20 '39 82 68 27 26 55		Ś	EXPED:	1	VETERS FEET
Detailed description: Station is located on the most westerly point (Western Point) of Bertlett Island in Blue Hill Bay, on the southern part of a double like point, 3			STATE COORDINATES (	Feet)			
H. W. Line, and about 6 meters outside of woods line.	STATE & ZONE	CODE	×	Y		ø ion∆	di ANGLE
Station is marked with a stendard disc stamped "LETT" 1944" set in ledge rock,	ME E	1801	511,150.02	186,	288.56	+ 0°01′4′	°01′47
EHORELINE REFERENCE DISTANCES  REFERENCE POINTS IDENTIFIABLE ON AIR PHOTOGRAPHS  Distance Director Asimoth Object Director Administration Director Administration Director Administration Director Administration Director				1			
M H W L 3 West 00° 00′	PLANE AZIMUTH HAS BEEN O	OMFUTED BY THE # 10RA	GI FORMULA NEGLECT	TING THE SECOND TE	AM.		
MHWL 4 South	10 STA	FIGH OR OBJECT		OETIC AZIMUTH (From south)	PLANE AZO		CODE
Distances must be horizontal distances actually measured on the ground—not scaled.			İ	. , ,	•	´ *	
a Above distances measured by:  4) prographs 26, 78, 20, 27, and 1848 25, Hydrographs Marcal 2021.  14—2124-2 ero.	i						
condition. The original description is adequate and complete. It is marked by a topographic disk, stamped "LETT 1944."						52 346	3

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

# HORIZONTAL CONTINUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1077

FEET

CODE

# IORA OI ANGLE + 0°10'40"

52 370

QUAD 440682 STATION 107:
MAINE
LATITUDE 44 000' TO 44 030'
LONGITUDE 68 000' TO 68 030'
DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

SEPARTMENT OF COMMERCE B. & COURT NO 6100/FIDE MINY	NAME OF STATION:				
EVENT AND ALTOPITAL STATION OF RECOVERABLE TOPOGRAPHIC STATION	STATE: MAINE		1944 EAR:		THIRD
Name Levi Year 1944  Sketch for shoreline and sir photograph reference points:  Consilty Mt. Desert Island Shoet No. T-8583  Consilty Mt. 18 Cove  Datum N. A. 1927  Interest Cove Tree. L. Peacock  State O'V John M. Reinoldi	6- 6939	,	eun:		
herical y John M. Reinoldi hereked by Harry R. Rudolph pproximate elevation above high-water mark 6 feet pproximate elevation above high-water mark 6 feet possition method: Prayerive Branch, Theodolite, Annaunger Naunger Petailed description: Station is located on Cape Levi on the	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °25 ′50. 68 14 46.		Šť	X11E0
southwestern side of Frenchmen Bey, about 3g miles northwest of Ber Harbor, about 200 meters north of			STATE COORDINAT	ES (Feet)	
an outdoor swimming pool on the besch, about 30 meters S.S.K. of a small point where shoreline breaks to meet for about 50 meters, on a piece of ledge rock that is about	STATE & ZONE	1801	× 566,287.4	v 04 217,8	17 52
4 meters outside of tree & grass line; and drops off on east, north, and west store and about 2 meters from M.H.W. Line. Mark is a standard disc stamped "Levi, 1944".	ne e	1801	300,201.	21110	11+22
SHOREUME REFERENCE DISTANCES Object Distances Distances Distance D					
	FLANE AZIVUTH HAS BEEN C	ONFUTED BY THE # :	ORA O FORMULANEO	LECTING THE SECOND TER	IM.
	TOSTA	FION OR OBJECT		GEODETIC AZIMUTH (From scath)	PLANE AZIM
Above distances measured by:  REFERNCES Tepopositio Marcal, paragraphs 16, 29, 20, 27, and page 10, Hydrographs Marcal, 201.  34-3166-4 and					

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 MAINE

STATION 1078

LATITUDE 44 0 00, TO 44 0 30, LONGITUDE 68 0 00, TO 68 0 30, DIAGRAM NL 19-11 BANGUR

### ADJUSTED HODIZONTAL CONTROL DATA

										ADJUSTE	DHURIZON	TAL CO	NIKUL DA	IA		
DEPARTMENT OF CO	nie Bve				<del></del>		<del>,</del> .		LOP							
B. A. COAST AND GROOTING Furm \$24 Rev. May 1934	BURYEY		DESCRIPTION	OF RECOVERABLE TO	) POGRAPHIC	STATION			MA INE	Υ.	1944 EAR:			THIR		
Name Lop General locality Mt. Locality Lopaus	Desert Point	Datu	Year 1 ine Sheet N m N. A. 19	o. <b>T+8573</b>	for shoreline ar aces and refere		graph reference		G- 8790	-	•	•			-0	RDER
Chief of party Fred.	м, Нави	iond i		1 200		1	LANDER									
Checked by Abrahai Approximate elevatio Location method: Bit Detailed description:	n L. Gone n above high	harsky i water mark 4 izzi, Theodolite	, RECEIVED	(BIZEI	*   \$   *		BASS III	ı	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °13 ′36. 68 21 54.			\$8	XYEV	12	WETERS FEET
diso, stemped ledge rock, le	"Lep, 19 ocated or	44", set i Lopaus Po	n drill hol int, which	o in forms the	LOPAUS 1		•				STATE COORD	INATES (Feet	,			
western side	of Bass : of Point	marbor, St	era S.S.W.	of center a	& Continue	P .op , 1944 (4	a) (m)	:	STATE & ZONE	CODE	×	1	¥	ł	# 109 △	41 ANGLE
of south side	of log	abin, 2.7	meters west	of center &			ay Hydrographic S	(إمرا	ME E	1801	535,31	7.07	143,4	32.90	+ 0	°05′38″
line of west :	side of l trea. at	log cabin, id 10 meter	2 meters 8. a back of l	W. of gnarled team nigh-Water L	inde							1				
EHORE	LINE REPER	ENCE DISTANCE	ES .	REFERENCE POINTS	IDENTIFIABL			•							i	
Object	Distance in meters	Direction 00° 00'	Arimuth	Object	Distance in moters	Direction 00° 00'	Asimuth		<u> </u>					i		
M'H'A'T'	10	South	1		.	**		;	* PLANE AZIMUTH HAS BEEN C	OMPUTED BY THE & O	OAQ OI FORVULA	NEGLECTING	THE SECOND TER	.u.		
				•				rt i	TOSTA	TION OR DEJECT			ič ažimuth m south)	FLANE AZ		CODE
	[	<u> </u>			ļ.		1 200	y					, ,		, ,	,
				e ground—not scaled.				1]					1	1		
BEFERENCES Terr	mantie Mucal	personante Me, 29, 1	90, 87, szd page 82; H	pdrographic Mascul, 2011.		15-	-31043-3 ara	. 1								
•	t AD / 170	magale Cou	unter Moine	e,F.L.P.,1944;	T D D 1	056\	~									
	TOP (Ha	neook cpi	mann, yann	ne station was	recover	ed in g	ood				'	1		,	,	
cond1	tion.	The original	inal desor	ription is ade	quate an	d compl	ete		-							
with	The FOL	lowing action is	narked by	a standard to	pographi	c disk.										
		1944."				•										
															54 069	9
									1							
								•								
									4							

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey YORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1079

44 0 00' TO 44 0 30' LATITUDE

LONGITUDE 68 . 00, TO 68 . 30, DIAGRAM NL 19-11 BANGOR

MARLBORO (Hencock County, Maine, K.G.C., 1934) -- Station is located in Marlboro, 8 miles SE of Ellsworth and 7 1/2 miles NNW of Bar Harbor.

Otto Johnson, who lives in the house just E of the site, owns the land.

Station mark is a standard bronze disk in a small boulder with about 3 square feet of surface exposed, in an open blueberry field. It is about 180 feet NNW of telephone pole No.142 and about 175 feet NNE of SW corner of property. It is about 80 feet SSE of the highest point in field at the W end.

Reference mark No.1, a standard bronze disk wedged in a drill hole in outcropping bedrock, is 22.81 feet SSW of station and about 160 feet NW of telephone pole.

Reference mark No.2, a standard bronze disk in a 3-foot round-top boulder, is 35.39 feet WSW of station and about 180 feet NNE of SW corner of property and 175 feet NW of telephone pole No.142. Reached from junctions of Highways 1 and 3, (1 mile S of Ellsworth) by following Highway 1, E about 1 mile and teke Highway 184 S 8.5 miles, and turn left on to good gravel road, follow 0.8 mile and teke right fork, follow 1.4 and keep straight ahead, follow 0.5 mile to telephone nole No.142. follow 0.5 mile to telephone pole No.142.

A 30-foot signal was used. OBJECT DISTANCE DIRECTION TRENTON POINT 000010010 meters R.M.No.2 10.785 9 46 16 312 22 37 R.M.No.1 6.953 R.M.No.1 to R.M.No.2 9.156

MARLBORO (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944) (Pre -Station and reference marks recovered in good condition. Distance to reference marks measured and check. Description adequate.

#### ADJUSTED HORIZONTAL CONTROL DATA

MARLBORO NAME OF STATION:

MAINE

STATE:

1934

SECOND

44 28 52:533 31 GEODETIC LATITUDE: WETERS 68 16 44.026 SCALED GEODETIC LONGITUDE: PEET

STATE & ZOYE	CODE	×	Y	g rog∆ a) Avole
E E	1801	557,705.53	236,254.01	+ 0°09′18
		ļ		

 $^*$  flane azimuth has been computed by the  $\,$  8 for  $\Delta$  41 Formula reglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIWUTH (From toxth)	FLANE AZIMUTH ( (From south)	CODE
TRENTON POINT	52 28 03.0	52° 18' 45	1801

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1080

44 0 00' TO 44 0 30' LATITUDE LONGITUDE 68 . 00, TO 68 . 30, DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

MARLBORO, OLD POINT, BARN CUPOLA (Hancock County, Maine, K.G.O., 1934) -- The barn cupola at Old Point in the town of Marlboro. It has green shutters and a wooden ball at the peak of its shingled roof.

MARLBORO, OLD POINT, BARN CUPOLA (Hancock County, Maine, K.G.C., Station re-1934;F.L.P.,1944)

overed in good condition except there is no bell on top of cupola, but about a foot of the pole ball support remains.

The following addition should be made to the description;
Barn is about 60 meters NNW of the macadam road that runs SW and NE through the town of Marlboro, about 60 meters SW of where macadam road turns from S to SSW and a gravel road from Old Point joins from the SE. There is a two-chimney white house just to the SW of barn.

MARLBORO OLD POINT BARN CUPOLA YEAR: 1934 MAINE THIRD

G- 6793

44 °28 '33.'661 68 16 18.451 GEOGETIC LATITUDE: ELEVATION: METERS GEOGETIC LONGITUDE: FEET

STATE COORDINATES (Feet)						
STATE & ZONE	CODE	×	*	# 109 A AI ANGLE		
ME E	1801	559,564.97	234,348.15	+ 0°09′36°		

\* Plane azimuth has been computed by the  $|\theta|$  for  $\Delta$  41 Formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIWUTH (Fram spath)	PLANE AZIMUTH *  (From south)	CODE	
	۰ , ۳	° , •	.,	

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NAT 19NAL GEODET IC SURVEY

# HORIZONTAL CONTINUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1081

-ORDER

# ICRA PLANGLE

+ 0°00'30"

54 060

WETERS #66t

CODE

QUAD 440682 STATION 1081
MAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

									ADJUSTE	D HORIZON	TAL CON	NTROL DAT	A.	
DEPARTMENT OF COS E. S. COLT AND STOCKTO FORM \$24 Rev. Msy 1924		DESCRIPTION	N OF RECOVERABLE TO	OPOGRAPI	IIC STATION <sup>E</sup>	was a same a same	NAVE OF STAT	PASON INE		EAR: 1944			THIR	(Đ
Name MASON General locality Swa Locality Mason Le Chief of partyFred.	dge L. Peacock L. Senasack	Datum N. A. 1	NoT-8554 M distan	cca and ref	e and air photogerence points:	graph reference	SOURCE: G-	8790						
Detailed description:	n above high-wate netrabedectors Station is c	Theodolite, <b>xizopiozogos</b> on Mason Ledge wh	ich is about		MASON	MASON, 1944 (4)	GEODETIC		44 °05 ′51. 68 29 17.			šč.	(îteo	
		n tip of Marshall stern side of hig		A. A.				•••		STATE COORD	NATES (Feet)			
thich runs in a ridge and about	north and s equal dista	outh direction, ance from the nor	about 1 meter in 1 th and south ends,	Mark	is set īn t		\$17	TE & ZONE	CODE	×	T	Y		9 10
only flat rock copographic dis			te vicinity. Varl	< 18 & s	tandard		ME E		1801	503,08	3.32	96,3.	3.61	+
EHOH2 toldO		DISTANCES Direction Arimuth	REFERENCE POINTS	Dhiance Dhiance Dhiance	Direction	OTOGRAPHS Admoth								
	"	,	Burnt Coat L. H Sub. Sta.	39.0	16 32	. :	* FLANE AZI	AUTH HAS BEEN CO	NPUTED BY THE & II	PA 41 FORMULA	NEGLECTING	THE SECOND TERM	<u>,</u>	
		tually measured on t		,				TOSTAT	ION OR OBJECT			AZIVUTH 1 SOUSE)	PLANE AT	
CN condit the fo	MASON (Han	original desc idition:	ine,P.L.P.,194 he station was ription is adec aphic disk, sta	recove quate a	.,1956) red in go nd comple	ete with								54 (

SEP 1977
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

GEODETIC LATITUDE:

GEODETIC LONGITUDE:

OVAD 440682 HAINE STATION 1082

ELEVATION

METERS

FEET

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 0C' TO 68 ° 30' DIAGRAM NL 19-11 BANGOR

# NO ORIGINAL TEXT

McFARLAND'S, S.N., HOUSE CHIMNEY (Hancook County, Maine, G.A.F., 1865; K.G.C., 1934) -- The station is lost.

MOFARIAND'S, S.N., HOUSE CHIMNEY (Hancock County, Maine, G.A.F., 1865; F.L.P., 1944)
which is claimed to be the original S.N. McFarland house was found about 150 meters SE of the plotted position. It is supposed to have been built prior to 1865, but it was not known if the chimney had been changed. The information was obtained from S.N. McFarland's depublic.

and's daughter.

House is located on Crabtree Neck, about 600 meters from the end of the point, on the E side of the road down the center of the neck, about 100 meters N of Hancock Point Post Office, and just N of a dirt road. House is in the shape of an "I", with the chimney on the N part of the center section, and there is a cupola on the N section of the house.

#### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF		FAREANDS S N HOUSE CHIMNEY	
STATE:	MAINE	1865 YEAR:	ORIHT -ORDER
SOUACE:	G- 6793		

STATE COORDINATES (Feel)						
RA BI ANGLE	g (C	Y	×	CODE	STATE & ZONE	
0° 11′ 19	+	231,914.90	570,259,41	1801	IE E	
	1					

\* FLANE AZIMUTH HAS BEEN COMPUTED BY THE  $\,\, \phi \, \cdot$  FOR  $\,\, \phi \,$  FOR WULA NEGLECTING THE SECOND TERM.

44 '28 '09.31

68 13 51.06

GEODETIC AZIMUTH FLANE AZIMUT (From south) (From south)		CODE
0 / *	0 , 4	
		•
	(From south)	(From south) (From south)

POSITION DETERMINED BY DATUM DIFFERENCES

SEP 1977
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY - NATIONAL GEODETIC SURVEY

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM OUAD 440682 STATION 1083
MAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

			ADJUSTE	D HORIZONTAL C	ONTROL DA	ATA	
		NAME OF STATION:	OW PT BRICK	CHIM WITH VENT	r		
EPJATIMENT OF COMMERCE W. A. COURT HIS SECURITY SEARCH  EVEN MAY 1884  EVEN MAY 1	BLE TOPOGRAPIAC MATTON	STATE: MAINE	٧	1944 EAR:		THIRD	-OADEA
	Sketch for shoreline and air photograph terrence distances and reference points:	G- 6939					
Harry R. Rudolph bed by Florence M. Rumbud oximate elevation above high-water mark, 30 feet the method. Fineticking Language, Theodolite, Air physical production above high-water mark, 100 feet the control of the con	Ludy. Fig.	GEODETIC LATITUDE:	44 °27 ′30. 68 16 15.		E	LEVATION:	METERS PEET
description: Station is the large brick chimney at outheast corner of the shingle summer quitage ing to Br. Edward Young of Boston, located on	Elly free Sunt			STATE COORDINATES (	Feet)		
Point on the west side of SKILLINGS RIVER.	Michael Point Said Adding	STATE & ZONE	CODE	×	7		8 ORA ALANGLE
is 30 meters north of top of bank, 15 meters top of bank, and 3 meters west of southeast cor	nor. Long.	ME E	1801	559,783.56	227+	928.61	+ 0°09'37
ds to ground and sets on part of the house gatenized iron Liverpool head, which is I ELINE REFERENCE DISTANCES Distance Direction Askensth Object	foundation when the proposition of the proposition						
003 007	00° 00′		COUPUTED BY THE @ IN		ING THE SECOND TE DETIC AZIMUTH (From 1912b)	FLANE AZIVO	JTH CODE
st be horizontal distances actually measured on the ground—not so					0 / 8	0 1	*
	= . · · . · . · . · . · . · . · . ·			į			
						5	2 383

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

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE STATION 1084 LATITUDE 44 0 0C/ TO 44 0 30/ LONGITUDE 68 . OC. TO 68 . 30. DIAGRAM NL 19-11

#### ADJUSTED HORIZONTAL CONTROL DATA

MORGAN 2 (Hancock County, Maine; K.C.C., 1934) -- The station is on summit of what is known locally as "High Head" on the W shore of the mouth of Morgan Bay, 1 1/4 miles E of East Blue Hill, and 5 1/4

miles S of Surry.

Land is owned by Dr. Milliken. The station is on High Head;
a wooded ledge, the summit of which is 175 feet long in a N & S
direction. The station is at the northerly part of the summit and where summit is at its widest E & W direction of 90 feet.

The station and reference marks are standard bronze disks wedged in drill holes in outcropping bedrock. Station is on a ledge 10 feet E of W edge of summit. The showing ledge which is 10 feet wide with the 25-foot long side sloping down grade in a NNW direction. The mark is 6.8 feet NW of the high corner of the ledge and 10 feet E of a 1-foot face on W side. It is 7.8 feet SSE of center of a triangular depression in showing ledge.

Reference mark No.1, is 37.96 feet E of station in a moss-covered ledge and 73 feet SW of a 2-foot higher ledge. Reference mark No.2 is 21.24 feet SSE of station and 14.0 feet N of a rounded top 4 by 6 feet showing ledge in path to station.

To reach from East Blue Hill at sign "Shore road to Elleworth", go E one mile and take left fork, follow 0.3 mile and come to clubhouse and dock, follow N along path following shore line about 1/4 mile to sign "BIGH HEAD." Take path to left indicated by this sign and follow to summit of hill.

OBJECT	DISTANCE	DIRECTION
Smith	meters	000010010
R.M.No.1	11.570	51 50 23
R.M.No.2	6.473	139 29 45
R.M.No.1 to R.M.	10.2 13.020	
Height of telesco	pe above station mark	- 6 meters.
A 20-foot signal		

MCRGAN 2 (Hancock County, Maine, K.G.C., 1934; I.R.R., 1956) -The station mark and reference marks 1 and 2 were recovered in good condition. The distances to the reference marks were verified. The original description is adequate with the following additions:

The station mark is stamped "MORGAN 2 1934."

Reference mark 1 is stamped "MORGAN 2 1934 NO 1."

Reference mark 2 is stamped "MORGAN 2 1934 NO 2."

MORGAN 2 NAME OF STATION

MAINE

SECOND

G- 6053 SOURCE:

44 25 19.749 GEOORTIC LATITUDE: DETERS 68 29 55.340 \$CALED GEODETIC LONGITUDE: FEET

STATE COORDINATES {Fee1}							
STATE & ZONE	CODE	×	٧	\$ IOHA BIANCLE			
ME E	1801	500,338.17	214,629.85	+ 0°00′03″			
				]			

FLANE AZIMUTH HAS BEEN COMPUTED BY THE  $\, s$  for  $\Delta \,$  all forwald neglecting the second term

TO STATION DROBJECT	GEODETIC AZIMUTH (From south)	PLANE AZIMUTH * (From south)	CODE
SMITH .	210 58 31.1	210 58 28	1801
	ļ		

The station is a hole drilled in a rock.

set.

in outcropping bedrock.

MAG. NORTH (approx.)

R.M.No.1 to R.M.No.2

OBJECT

R.M.No.1

R.M.No.2

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

NEWPORT (Hancock County, Maine, F.P.W., 1860) -- On the highest point of Newport Mountain, which is located in the eastern part of Mount Desert Island, about 5/8 mile from the shore and 2 1/2 miles from Bar Harbor. The mountain is wooded about halfway up and the remainder is bare granite. A road from Bar Harbor to the coast at Newport Cove, just W of Great Herd, runs along the eastern base of the mountain.

NEWPORT (Hancock County, Maine, F.P.W., 1860; K.G.C., 1934) -Station was recovered by Mr. Larner of the U.S. Geological Survey
and was used by him on a topographical survey of the island during

this summer. It is about 100 feet S of what appears to be the highest point on the mountain and 10 feet W of a trail sign post. The station mark is 11 feet N of the S end of the ledge in which it is

The station was re-marked and two reference marks were installed. Marks are standard bronze disks wedged in drill holes

The station is reached by trail from the main road along the E side of the mountain. Other trails can be used to reach the summit as shown on trail maps of the island. The mountain is still known as Newport Mountain and is directly E of Gadillac Mountain.

DISTANCE

meters

4.860

4.370

6.398

DIRECTION

000010000

19 40

292 08

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682

STATION 1085

MAINE LATITUDE 44 00' TO 44 030'

LONGITUDE 68 0 0C, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

ADJUSTED HORIZONTAL CONTROL DATA

NE WP OR

PAINE

1860

THIRD

-0805

G- 679

GEODETIC LATITUDE: 44 °21 '02. 333 ELEVATION: 322 METERS GEODETIC LONGITUDE: 68 11 40.422 SCALED FREET

		STATE COORDINATES (Feet)						
CODE	x	Y	F 'OR∆ ALANGLE					
1801	579+893.48	188,713.51	+ 0°12′49					

 $^{-4}$  plane azimuth mas been computed by the | heta| for  $\Delta$  41 formula neglecting the second term

TO STATION OR COVECT	GEODETIC AZIMUTH (From scarb)	PLANE AZIVUTH (From 50 ath)	CODE
MAG, NORTH	0 , "		180
	į		

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

# HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1086

THIRD

PLANE AZIVUTH \*
(From \$0216)

-ORDER

METERS

FEET

CODE

# 1084 STANGLE + 0°02'54"

OUAD 440682 STATION 1086
MAINE
LATITUDE 44 000 TO 44 030 LONGITUDE 68 000 TO 68 030 DIAGRAM NL 19-11 BANGOR

### ADJUSTED HORIZONTAL CONTROL DATA

DEFARTMENT OF COMMERCE  W. B. COLUMN NO SECRET PRINTS  EVEN SEX PROPERTY  EVEN MAY 1934  DESCRIPTION OF RECOVERABLE TOPOGRAPHIC STATION	NAVE OF STATION:  HAINE		1944	Ti.
Record Station  Name OAK  Secretal locality Union River Bay  Coality Oak Point  Chief of party Fred. L. Peacock Lists the by Leo J. Kornetsky  DESCRIPTION OF RECOVERABLE TOPOGRAPHIC STATION  Sketch for shoreline and air photograph reference distances and reference points:  N  Datum N.A. 1927  Datum N.A. 1927	G- 6853	YI	AR:	
Checked by Ruth E. Rudolph Approximate elevation above high-water mark Leet Location method: Rianotable, Session, Theodolite, Airphetographic plot Detailed description: Shaft on in Located cast of Union River	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °23 ′51. 68 25 51.		\$CXTED:
Bay about 10.0 miles south of Ellsworth, Maine, 1.14 miles south of Haynes Point and 0.3 miles southeast of			STATE COORDINATES (Fe	es)
Wark is a standard topo disc stamped "OAK ISUL" set in a	STATE & ZONE	CODE	×	Υ
3 x 3 boulder 3 meters south of the bluff line and 2 meters north of the Mean High Water Line.	ME E	1801	518,068.06	205,733.49
SHORELINE REFERENCE DISTANCES Obset Distance Direction Asimuth Object Distance Direction On Oct Office Offi	FLANE AZIMUTH HAS BEEN COM	FUTED BY THE 0 IC	FA A) FORVULA NEGLECTIN	G THE SECOND TÉRM.
Line  Distances must be horizontal distances actually measured on the ground—not scaled.	TOSTATIO	N OR OBJECT		PLAP From south) (Fi
Above distances measured by: BEFERENCES: Topographic Manual, paragraphs 164, 20, 30, 57, and page 85; Hydrographic Mucual, 1841.  19—2029-3 are				

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NATIONAL OCEAN SURVEY . NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTINUL DATA

by tha National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 MAINE

STATION 1087

LATITUDE 44 0 00' TO 44 0 30' LONGITUDE 68 0 00' TO 68 0 30' DIAGRAM NL 19-11 BANGOR

### ADJUSTED HORIZONTAL CONTROL DATA

OAK POINT (BLUE HILL BAY) (Hancock County, Maine, S.C.McC, 1864; K.O.C., 1934) The description given in the publication is identical with the one given for a station of that name on the W side of the Penobscot River. The site was visited and no markings of a station was found and it is believed that the station is lost.	
---	--

(F.L.P.,1944)--Station was not searched for. The description is the same as that for Oak Point in Penobscot River.

DAK POINT BLUE HILL BAY

THIRD

G- 6793

GEODETIC LATITUDE:	44 °24 '21.51 68 25 04.03	\$CATED:	31	METERS FEET
i .		ł		

STATE COORDINATES (Feet)				
STATE & ZONE	CODE	x	Y	B CORA DI ANGLE
#£ E	1801	521,484.44	208,743.49	+ 0°03′27

 $^{ullet}$  plane azimuth has been computed by the  $\,$  8 for  $\Delta$  41 for yula reglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From sould)	FLANE AZIMUTH (From soath)	CODE
	0 1 1	o , ,	•
		]	
	1		
	I	1	

POSITION DETERMINED BY DATUM DIFFERENCES

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1088
MATNE
LATITUDE 44 000 TO 44 030 LONGITUDE 68 000 TO 68 030 DIAGRAM NL 19-11 BANGOR

NO TEXT

ADJUSTED HORIZONTAL CONTROL DATA

NAVE OF STATION: POND ISLAND

STATE: MAINE

YEAR: 1875

THIRD

- ORDER

SOURCE: 6- 6793

GEODETIC LATITUDE: 44 °13 '14.76 ELEVATION: WETERS GEODETIC LONGITUDE: FEET

		STATE COORDINATES (Feet)		
STATE & ZONE	9000	×	Υ	# ICR A #I ANGLE
ME E	1801	505,533.48	141,221.10	+ 0°00′53″

Plane azimuth has been computed by the  $|\mathfrak{g}|$  log  $\Delta$  (b). Forwula neglecting the second term,

	TO STATION OR OBJECT	GEÖDETIC AZ:MUTH (From scatb)	FLANE AZIVIUTH (From south)	COO€
-		. , ,		•
ĺ				
			]	
	•			

POSITION DETERMINED BY DATUM DIFFERENCES

SFP 1977 U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL OCEAN SURVEY . NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTROL DATA

National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682

STATION 1089

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 . 00, TO 68 . 30, DIAGRAM NL 19-11

BANGOR

ADJUSTED HORIZONTAL CONTROL DATA

PARKER NAME OF STATIONS

1870

SECOND

- OPDER

G- 6053

44 °21 '12, 551 26 GEODETIC LATITUDE: WETERS **SEXEED** 68 19 37.854 GEODETIC LONGITUDE: FEET

		STATE COORDINATES (Feet)	ı	
STATE & ZONE	CODE	×	Y	8 ICRA GI ANGLE
ME E	1801	545,201.89	189,646,94	+ 0°07′15
		ļ		

Flane azimuth has been computed by the  $\,g$  ior  $\Delta$  =1 formula neglecting the second term

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	PLANE AZIMUTH " (From south)	CODE
	0 1	6 , ,	
	•		

51 264

PARKER (Hancock County, Maine, G.A.F., 1870) -- On a bare knoll on the W side of Somes Sound near its head and about 3/4 mile S by E from Mount Desert Village and 3/8 mile S of Mason Point. The land belongs to J. Parker, whose house is NW of the station.

The station is a copper bolt set in a hole in a rock, on a small exposed part of the rock, which is slightly higher than the

surrounding grass around.

PARKER (Hencock County, Maine, C.A.F., 1870; K.G.C., 1934) -- The station was recovered as described. It is on Mount Desert Island, on the W side of Somes Sound near its head and about 3/8 mile S of Mason Point.

The station was marked when recovered, by a copper bolt set in a hole in a rock, and the bolt was in such good shape that it

was left intact.

Two reference marks, standard bronze disks wedged in drill holes in outcropping bedrock, were established. Reference mark No.1 is N by W of the station and reference mark No.2 is E of the station. There is a huge boulder 2 meters S of the station.

To reach the station from the junction of Highway 198 and Highway 102 in Somesville, go S on Highway 102, 1.3 miles. Turn left onto a T-road and follow this road 0.4 mile to a house on the left. Walk ESE thru the field to the corner of the woods where there is a triangle blazed on a 14-inch pine. Follow a dim trail 250 feet E to the point where it forks. The station is on a small knoll about 100 feet S of this fork.

OBJECT Sta. to R.M.No.2

DISTANCE 8.900 meters 9.162 meters MAG. AZIMUTH 181°071 294 41

Sta. to R.M.No.1 15.078 meters R.M.No.1 to R.M.No.2

PARKER (U.S.E.) (Cumberland County, Ne., F.L.P., 1941) -- Station is 1 1/2 miles E of the town of Yarmouth on the S bank of Royal River, on a grassy point which is the northerly tip of Parker Point, at the foot of a 10-foot bluff.

Station mark is a standard U.S.E. disk set in the top of a 6-inch square concrete post projecting about 6 inches above the

surface of the ground.

PARKER (Hancock County, Maine, G.A.F., 1870; F.L.P., 1944) -Station and reference marks recovered in good condition as described by K.G.C. in 1934, except reference mark 1 is E of the station and reference mark 2 is NNW of the station.

SEP 1977 U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

## HORIZUNTAL CONTROL DATA

by the National Ocean Survey North AMERICAN 1927 DATUM

QUAD 440682 Maine

STATION 1090

LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

### ADJUSTED HORIZONTAL CONTROL DATA

DEPARTMENT OF COMMERCE IL I, COST AND GENOTIC BEART FORM 524 Rev. May 1834	DESCRIPTION OF RECOVERABLE HYDROGRAPHIC OR TO	POGRAPHIC STATION
stammed "PEC 1944" set in Ledge is a small island ju Opeche Island in the N.E.	No. Sheet No.T-8569  k Datum N.A. 1927  Meters  termank 2 feet  T. Theodolite, MNSSNSSNERGENESS  s a standard topographic disc.	Reef Line M. H. Line M. H. Wilne M. L. Wilne  GOPECHEE
SHORE-LINE DATA AT A Object Detaces In materi	BOVE STATION REFERENCE POINTS TO Object In mote	OR AIR PHOTO CONTROL  OR OF CONTROL  OR OF CONTROL  Admits
Distances not to be scaled from sh Above distances measured by:	eet; must be horizontal distances actually obtained in the field. 4, 20, 30, 17, and page 52; Hydrographis Manual, paragraph 187; Cirmbr	
station was recov	ck County, Maine, F.L.P., 1944; I.R.R., ered in good condition. The origin omplete with the following addition is marked by a topographic disk,	nal description

TAVE OF STATION: PEE TATE: MAINE YEAR: 194				THIR		ROER
G- 8790						
GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °12 ′47. 68 29 12.			£XCEO:	9	WETERS FEET
		STATE COORDINAT	ES (Feet)			
STATE & ZONE	CODE	×	Y		ø ice∆	AT ANGLE
ME E	1801	503,460.2	138,	435.47	+ 0°	00'33"
* FLANE AZIMUTH HAS BEEN C	OMPUTED BY THE 8 IC	RA ¢I FORMULA NEGL	ECTING THE SECOND TE	nu.		
TO STA	TION OR OBJECT		SEODETIC AZIMUTH (From south)	PLANE AZ (From so		CODE

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

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1091
MAINE
LATITUDE 44 ° 0C, TO 44 ° 30,
LONGITUDE 68 ° 0C, TO 68 ° 30,
DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

						ADSCOTE	DITOMEON	,,,c 00,,,,,	C 011111		
					PLA						
DEPARTMENT OF COMMERCE PAR B. S. COMP AND GEORGE REMOT FORM 515 P. Rev. May 1894	DESCRIPTION	OF RECOVERABLE	TOPOGRAPHIC STATION:	ŧ	PAINE STATE:	71	1944 AR:			THIRD _	ORDER
Name PLA General locality Blue Hill Bay Locality Placentia Island Chief of party FRED. L. PEACCO	Year 7, Maine Sheet I Datum N.A. 19	1944 N Skete vo. T-8572 dis	h for shoreline and air photograph ances and reference points:	reference	G- 8790						
Checked by Walter E.Schmid Approximate elevation above high-w.	Lat. Long. ater mark 3 feet		PLA, 19	数数 44 1.	GEODETIC LATITUDE:	44 °11 ′52. 68 21 52.			\$'EXTE	<del>6</del> ₹	7Δ 61 ANGLE 0° 05' 40'
Detailed description: Station is side of Placentia Island	s located on the n , about 260 meters	orthwest SW of a	PLACEDY TO				STATE COORD	INATES (Fest)			
about 800 meters sm of m Island, and on point of	ted by Walter E.Schnidt   Long. 3   Teet    commate elevation above high-water mark 3   Teet    from method "MANGANGEMMA, Theodelite, Expressionary reports."  The description: Station is located on the northwest    e of Placentia Island, about 260 meters 5% of a    mounced small bight in shoreline with gravel beach,    ut 800 meters sm of most northerly tip of Placentia    and, and on point of tree line about 2 meters out    m line of vegetation, Mark is a standard disc stamped    A 1944" set in ledge rock.   REFERENCE FOR OTHER OF STATIONS   REFERENCE FOR OTHER OF STATIONS    Other   Details   Details   Atmost   Other Other    Other   Details   Details   Atmost   Other    Other   Details   Details   Atmost    Other   Other    Other   Other    Other   Other    Other   Other    Other   Other    Other   Other    Other    Other   Other    O				STATE & ZONE	1801	× 535+51	2.28	y 132,870.		
mPLA 1944" set in ledge	rock.		TA IDENTIFIABLE ON AIR PROTOG	RAPHS							
Otject Distance in meters	Direction Aximuth		Distance Dissortion As	rimuth							
WHW line 10			00, 00,		PLANE AZIVUTH HAS BEEN C	OMPUTED BY THE # II	ONA DE FORMULA				T
					TO STA	TION OR OBJECT		GEODETIC AZIM (From south		PLANE AZIMUTH *  (From Exith)	CODE
				•							
condition. The or:	-The st iginal descript: additions: d was left stand	ention was rection is adequation in over the	e and complete		TO STATION OR OBJECT (From total) (From total) COOF						
											. <b>२</b> २
										·	

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

### HOR JNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1092
MAI NE
LATITUDE 44 ° 00′ TO 44 ° 30′
LONGITUDE 68 ° 00′ TO 68 ° 30′
DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

PLACENTIA ISLAND (Hancook County, Maine, N.H.H., 1908) -- On the island of that name, which lies in the Blue Hill Bay about 1 1/4 miles ENE of Swan Island and about 1 3/4 miles SW of Bass Harbor Head Light of Mount Desert Island.

The station is on the SW end of the island about 20 feet from the shore and about 12 feet above high water. It is marked by a hole drilled in a rock.

PLACENTIA ISLAND (Hancock County, Maine, N.H.H., 1908; K.G.C., 1934) -- This station is on a rocky promontory on the extreme SW end of Placentia Island in Bluehill Bay, about 1 3/4 miles SW of Bass middle of a flat ledge which is about 20 feet from high-water line, about 12 feet above it in elevation. It is marked with a copper bolt in a rock. A 3/4-inch drill hole filled with lead, of which no mention was made in the original description was found SE of the station.

Two standard reference marks, standard bronze disks wedged in drill holes in outcropping bedrock, were placed as follows: Reference mark No.1 is N of the station and reference mark No.2 is SE.

A 16-foot tripod, suchored with rocks were built to 275.

7 70	7000	or rhod,	unchored	With	rocks.	was bui	lt.	in 1	Ω:
OBJE	ст		DIST	PANCE	•			CTIO	
SORA	G ISL	MTN.							
		TIED	met	era		0	°OO	100!	O
K.M.	No.1		1.9	986		036	39	~	•
R.M.	No.2								
			4.4			353	29	32	
Her.	Drill	Hole	4.6	378		355	7.0	OF	
R.M.	No.1 t	O R.M.NO	5 6			000	10	20	

PLACENTIA ISLAND (Hancock County, Maine, N.H.H., 1908; F.L.P., 1944)
marks were recovered in good condition. Distances to reference marks checked. Description adequate except the station is about 175 meters E of the SW end of the island.

PLACENTIA ISLAND (Hancock County, Maine, N.H.H., 1908; I.R.R., 1956)

-The station mark and reference marks 1 and 2 were recovered in good condition. The distances to the reference marks and between the reference marks were verified. The 1934 recovery note by K.Q.C. The station mark is a square copper bolt.

Reference mark 1s a square copper bolt.
Reference mark 1 is a standard reference-mark disk, stamped
"PLACENTIA ISLAND 1908 1934 NO 1."
Reference mark 2 is a standard reference-mark disk, stamped
"PLACENTIA ISLAND 1908 1934 NO 2."

NAME OF STATION: PLACENTIA ISLAND

MA I NE

YEAR: 1908

SECOND

-ORDER

G- 6053

GEODETIC LATITUDE: 44 \$10 '58.271 GEODETIC LATITUDE: 68 22 41.158 SCALED	l METERS FEET
---	------------------

STATE COORDINATES (Feet)							
STATE & ZONE	CODE	×	Υ	# IORA PLANSE			
ME E	1801	531,976.35	127,424.06	+ 0°05′06			

FLANE AZIMUTH HAS BEEN CONFUTED BY THE A TORA OF FORMULA REGLECTING THE SECOND TERM.

to station or object	GEODETIC AZIMUTH (From 1921b)	PLANE AZIMUTH " (From south)	CODE
SCAG ISLAND	307 09 35.7	307 04 30	1801

51 251

À

SEP 1977
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

# HORIZONTAL CONT.JL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 MAINE

LATITUDE 44 ° 0C' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30' DIAGRAM NL 19-11 BANGOR

STATION 1093

### ADJUSTED HORIZONTAL CONTROL DATA

DEPARTMENT OF CO S. S. SOUT AND SECRET: FORM \$24 Eer. May 1204	MHERCE Paral	DESCRI	PTION OF 1	RECOVERABLE I	HYDROGRAPH	IC OR TOPOG	GRAPHIC STATIO	)h
Name POND General locality B1		. Va.		1944 No.T-8569	<b>H</b> Sketch	for shore-line	data and refer	ence points:
Locality Pond Is	land	Datum		1927	Service L			
Chief of partyFred Listed by Ruth	L Peacoc		•	, मद्भा		AN MONEY	POND 1944.	(d)
Checked by N.E.				4	- W.	* **	7	٠
Approximate elevati					1	>° . ∕ 😿		1900 P
Location method: Di Detailed description:	Station is	X, Theodolite,	MICHEROLE	SECTION	- [ '	2	氢	4
point of Pond						<b>⊘</b> *	(The same	W.Line X
90 meters sou						(S)		Ref Line 🚡
Blue Hill Bay						AU.	**	
Island, and i					A 1	9	* / / / / / / / / / / / / / / / / / / /	BAY
12 meters nor standard topo	theast of L	ean High	ATER G	INE MAR	ka is a			٧
SHORE	LINE DATA AT	ABOVE STATIO	<b>*</b>	1 1	REFERENCE Y	OINTS FOR A	IR PHOTO CON	TROL
Object	Distance fu meters	Direction	Atlanth		bject	Distance in meters	Direction	Aximath
		00, 00,					00, 00,	
							ł	į
		i		1				
Distances not to	be scaled from a	heet: must be h	orizontal di	u stanece estuall	w obtained in	the fatt	•	•
Above distances :	messured by:							
REFERENCES: Top	ographic Mandal, par	agraphs (Sc. 29, 30, (	17, and page 51;	Hydrographic Ma	any betetriby 1	er; Circulat No. 1	80, I933 1 <del>6</del> —	91003 620
4								

MAINE	YI	1944 EAR:	THIR	-040E4
G- 8790				
GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °13 '43. 68 28 17.		\$EXTES.	6 VETERS
		STATE COORDINATES (Feet)		VIIII
STATE & ZONE	CODE	×	Y	BICRA BI ANGLE
ME E	1801	507,492.74	144,150.37	+ 0°01′12″

\* Flame asymuth has been computed by the # for  $\Delta$  =1 formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (Fransostb)	FLANE AZIMUTH *  (From sonth)	CODE
	. ,	. , ,	
		1	
•	1		ł

SEP 1977 U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY - NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1094

QUAD 440682 STATION 1094
MAINE 44 000' TO 44 030'
LONGITUDE 68 000' TO 68 030'
DIAGRAM NL 19-11 BANGOR

### ADJUSTED HORIZONTAL CONTROL DATA

DEPARTMENT OF COMMERCE 0. 2. COMMERCE FORM \$24 Bey, May 124	DESCRIPTION	DAL OF BECOVERABLE TO	DPOGRAPING STATION ₹	. 7	NAME OF STATION: POR STATE: MA INE		1944 (FAR:		THIR		
Name POR General locality Frenchman Locality Sheep Porcupin Chief of party Frad. L. P	Year Bay Shee Baland Datum N. A.	1944 Sketch :	for shoreline and sir photograph reference sees and reference points:	· · · · · · · · · · · · · · · · · · ·	G- 6939					<b>- 0</b> F	HOER
	dolph high-water mark 10 fee Shriver, Theodolite, Murkunge	edina kara	FREEP TIME TO STANKE TO ST		GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °24 ′04 68 11 38		Ĕ	EXCED:	3	METERS FEET
Sheep Porcupine Isla	on is on the northern nd, 25 meters west of	the northeasterly	(	'			STATE COGRDINATES	(Feet)			
grass line. Mark 1s	of Mean High-Water Lin a standard Topograph			1	STATE & ZONE	CODE	×	Τ ,	*	<b>∂</b> 104 ∆	al ANGLE
"Por, 1944", set in	tedge rock outerop.	•			ME E	1801	579,993.68	207,	207.71	+ 0°	12'51
SHORELINE RE	FERENCE DISTANCES		identifiable on air photographs	• !							
Object Dhings in mote	O0° 00'	Object	Distance Direction Assessed	:	* FLANE AZIPUTH HAS BEEN C	OUZUTED BY THE #	ORA 41 FORWULA NEGLEC	TING THE SECOND TE	RM.	i	
		No.				THON OR OBJECT	· · · · · · · · · · · · · · · · · · ·	OETIC AZIMUTH (From seuth)	PLANE A	ZIMUTH *	CODE
·										52 373	

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 Maine

STATION 1095

LATITUDE 44 000' TO 44 030' LONGITUDE 68 000' TO 68 030' GIAGRAM NL 19-11 BANGOR

### ADJUSTED HORIZONTAL CONTROL DATA

												ADJUSTE	D HURIZON	TAL CONT	RUL DAI	A		
						<del></del>				NAME OF STATION:	PR EBLE	=						
DEPARTMENT OF COL E. a. coast no crows to Form, \$24 Est. May 1891	AMERCE KRYEY		DESCRIPTION	OF RECOVER	ARLE TO	POCRAPH	uc^stITion		2	STATE: MAINE			1944			THIR		
Name PRESILE General locality From Locality Weakeng Chief of party Tree	nchman Bay Neck	r Me.	Year '	1944	Sketch fo	or chorelina	e and air photo erence points:	graph relen	ences	G- 693	9	**	en:				-01	KOER
Checked by Rayno Approximate elevation Location method:	E. Rudolph ad Glassi n above high-	sater mark	6 feet		 	Passis Jylai	AND 24	0,000		GEODETIC LATITUDE: GEODETIC LONGITUD		44 °27 ′48. 68 10 01.			\$t.	XLED:	1	NETERS FEET
Detailed description: of Preble 1:	land which	i la just	south of W	sukeag Yeck	•								STATE COORC	INATES (Feet)				
It is about ;	of island,	8 meters	west of K	ean High	٠,	FRENG	HMAN B		COP RESILE	STATE & ZONE CODE X				v ,			al Angle	
Water Line a Mark is a st	andard top	ographic	disc stamp	tree lime. ed "Preble,		•				ME E		1801	586 , 94	7.97	229,8	39.04		14'00
1944" set in		-																
Object EHORS	Distance Distance In meters	Direction	ES Astroit	HEFERENC Object		Distance to motern	Direction	Admoth										
		00° 00'	:				00, 00,			* PLANE AZIMUTH H	as been con	PPUTED BY THE 8 10	RA 4) FORMULA				1	
,					.		ļ	. ".	i		TO STATE	ON OR OBJECT		GEODETIC A. (From so		PLANE AZ (From se		CODE
					ų,												52 378	•

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM OUAD 440682 Maine STATION 1096

#### ADJUSTED HORIZONTAL CONTROL DATA

PROCTOR (Hancock County, Maine, K.G.C., 1934) -- The station is on NE Point on Long Island which lies at the entrance to Blue Hill Bay, about 5 miles WSW of Great Duck Island Light.

The station and reference marks are standard bronze disks wedged in drill holes in outcropping bedrock. Station is in the middle of the point, 12 meters NE of tree line, and about 30 meters above high-water line.

Reference mark No.1 is NE of the station on a flat ledge which drops off sheer. Reference mark No.2 is SSW of the station on a flat-topped ledge.

OBJECT DISTANCE DIRECTION EAST SISTER ISLAND meters 000010000 102 28 16 R.M.No.1 3.115 R.M.No.2 4.896 198 52 46 6.088 R.M.No.1 to R.M.No.2 Height of light above station mark - 5 meters. Height of telescope above station mark - 1 meter.

PROCTOR (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944)
-Station and reference marks recovered in good condition. Distances to reference marks checked.
The description is adequate, except the station is about 22 meters
W of mean high-water line and about 14 meters E of woods line.

PROCTOR

MAINE

1934

SECOND

- nente

G- 6053

GEODÉTICLATITUDE: 44 °07 '39.631 ELYATION: 7 WETERS GEODÉTICLONGITUDE: 68 20 50.662 SCALED FEET

	STATE COORDINATES (Feet)							
STATE & ZONE	CODE	×	Y	# IORA GI ANGLE				
ME E	1801	540,064.98	107,324.61	+ 0°06′23′				

 $^{*}$  plane azimuth has been couputed by the ~ heta for  $\Delta$   $^{*}$  formula reglecting the second term,

TO STATION OR OBJECT	GEODÉTIC AZIMUTH (From south)	PLANE AZIMUTH *  (From south)	CODE
EAST SISTER ISLAND	82 35 24.3	82 29 01	1801

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

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

R

QUAD 440682 MAINE

STATION 1097

LATITUDE 44 0 00° TO 44 0 30° LONGITUDE 68 . OC, TO 68 . 30, DIAGRAM NL 19-11 BANGOR

### NO ORIGINAL TEXT

PROSPECT HARBOR LIGHTHOUSE (Hencock County, Maine, 1902; K.G.C., 1934) -- The lighthouse on the E side of the entrance to the inner harbor. It has a white conical tower with covered way to the dwelling of the keeper.

The azimuth to it was checked at station SCHOODIC in the 1934

observations.

#### RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION: PROSPECT HARBOR LIGHTHOUSE ESTABLISHED BY: \_ YEAR: 1902 State: Maine BENCH MARK(S) ALSO RECOVERED BY: N.O.S. YEAR: 1965 COUNTY: Hancock AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN:

0.8 mile southeast of Prospect Harbor

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent facts: Recovered in good condition as described in 1934.

#### ADJUSTED HORIZONTAL CONTROL DATA

PROSPECT HARBOR LH NAME OF STATION:

MAINE

1902

THIRD

- ORDER

G- 6793 SOURCE:

44 °24 '11.322 GEODETIC LATITUDE: ELEVATION: WETERS 68 00 48.153 GEODETIC LONGITUDE: FEET

STATE COORDINATES (FZE)					
STATE & ZONE	CODE	×	·	FICA DI MIGLE	
ME E	1801	627,172.59	208,078.98	+ 0° 20′ 26	
	i l				
		1			

Plane azimuth has been computed by the | heta| for  $\Delta$  of formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH	PLANE AZIVUTH	
TO STATION ON OBJECT	(From south)	(From south)	CODE
		1	

U. S. DEPARTMENT OF COMMERCE
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# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAG 440682 STATION 1098
MAINE 44 000' TO 44 030'
LONGITUDE 68 000' TO 68 030'
DIAGRAM NL 19-11 BANGOR STATION 1098

THIRD

PLANE AZINUTH

(From south)

VETERS FEET

Ø IDRA AI ANGLE

+ 0°19'49'

ELEVATION:

209,215,49

### ORIZONTAL CONTROL DATA

·					
			ADJUSTE	D HORIZONTAL C	ONTROL DAT
PROSPECT HARBOR, TALL CHURCH SPIRE (Hencock County, Maine, K.G.C., 1934) The tall white spire of the Union Church in the town of Prospect Harbor.		NAME OF STATION: PROS		TALL WHITE CH	
PROSPECT HARBOR, TALL, CHIMNEY SPIRE (Hancock County, Maine,		G- 6793			
K.G.C. 1934; F.L.P., 1944) The station was recovered and in good condition. The description is adequate, except the church is 30 meters W of State Highway 186, 40 meter S of schoolhouse, has a brick foundation spire is on the ridge of roof, and about 2 meters in from E end.		GEODETIC LATITUDE:	44 °24 ′22, 68 01 40.		£(£V,
				STATE COORDINATES (	(ea)
DEPARTMENT OF COMMERCE  B. COLY TOO COURSE PRICE  CER. P. D. 1909  RECOVERY NOTE, TRIANGULATION STATION  CER. P. D. 1909	R	STATE & ZONE	CODE	×	¥
CET. PAR INS) NAME OF STATION: Prospect Harbor, Tall White Church Spire STABLISHED BY: K.G.C. YER: 1934 STATE Maine RECOVERED BY: *C.Merriam Year: 1955 County: Hancock		ME E	1801	623,378.27	209,21
Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent	facts:				
The church is no longer used and is now a community house. The build as repaired but no changes made.  It might be confused with the Methodist Church to the northeast.	ling		TION OR OBJECT		NG THE SECOND TERM, SETIC AZIMUTH (From south)
RECOVERY NOTE, TRIANGULATION STATION INTERSECTION  NAME OF STATION: PROSPECT HARBOR TALL CHURCH SPIRE  ESTABLISHED BY: K.G.O. YEAR: 1934 STATE: Maine BENCHMARK(S) ALSO RECOVERED BY: N.O.S. YEAR: 1965 COUNTY: Hencock  AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN:  At Prospect Harbor.  Detailed statement as to the finess of the original description; including marks formed, suspings, charges made, and other perticent facts:  (Also called PROSPECT HARBOR TALL CHIRCHY SPIRE ,1944 and PROSPECT HARBOR TALL WHITE CHURCH SPIRE in 1955.)  The taller of the two spires in Prospect Harbor, now called the Community House and so designated by a sign across the front. It is just south of the fire station, (formerly a school building).  RECOVERY NOTE, XEMENDIMENTALE STATION QUAD 440682  INTERSECTION  NAME OF STATION: PROSPECT HARBOR TALL WHITE CHURCH SPIRE,  ESTABLISHED BY: K.G.C. YEAR: 1934 STATE: Maine BENCH MARK(S) ALSO RECOVERED BY: N.C.S. YEAR: 1968 COUNTY: Hencock  AIRLINE DISTANCE AND DIRECTION FROM NEAREST TORN: At Prospect Harbor	R				
Detailed statement as to the finess of the original description; including marks found, sumpings, charges made, and other pertinent facts:  Recovered in good condition as described except a new windvane has been install with a gilded eagle atop, and it is not in the center of the ball at the top of the spire. The top of the spire should be used to point on rather than the wind vane.	<del>0</del>				
•		1			

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY . NAT 10NAL GEODET IC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM OUAD 440682 STATION 1099
MAINE
LATITUDE 44 000 TO 44 030,
LONGITUDE 68 000 TO 68 030,

BANGOR

# NO ORIGINAL TEXT

RED BEACON (Hencock County, Maine, H.G.O., 1879; F.L.P., 1944)

.) -- Recovered but leaning. Letter from
Coast Guard, dated September 22, 1944, follows: There is no information available as to date of construction, as it was before
1870. According to records in this office, no changes in location have been made since that time.

ADJUSTED HORIZONTAL	CONTROL	DATA
AUJUSTEU HURIZUNTAL	CONTROL	DWIN

DIAGRAM NL 19-11

NAME OF STATION:	CON						
MA INE		1879			THIR		HOER
G- 6793							
	44 °29 ′51 68 12 33			ELG	POITAV		NETERS FEET
		STATE COOR	DINATES (Fee	r)			
STATE & ZONE	CODE	×		٧		θ 104Δ	41 ANGLE
ME E	1801	575 , 84	2.18	242,3	11.14	+ 0	° 12′ 13 '
FLANE AZIMUTH HAS BEEN COMP	UTED BY THE #	IORA SI FORWUL	NEGLECTIN	S THE SECOND TER	w.		
TOSTATION	OR OBJECT			TIC AZIWUTH om south)	PLANE A (From 1	osth)	CODE
POSITION DETERMI	INED BY D	ATUM DIFFE	ERENCES			52 03	4

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

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM GUAD 440682 MAINE STATION 1100

LATITUDE 44 0 00' TO 44 0 30' LONGITUDE 68 0 00' TO 68 0 30' DIAGRAM NL 19-11 BANGOR

# NO ORIGINAL TEXT

RICHARDS (Hancock County, Maine, G.A.F., 1865;1908) -- On Hadley Point, the most northerly point of Mount Desert Island, about 3/8 mile SSE from the extreme point, on land belonging to Simeon H. Richards, whose house is back of a clump of large spruce trees. The station is about 3/4 mile NE of Eden and about 1/4 mile N of the Eden-Salisbury Cove Road. It is marked by a copper bolt set in a hole in a rock. A large pile of stones is 5 paces S of the station. HADLEY POINT station is on the same hill, about 250 meters W by S from this station, and care should be taken, therefore, not to mistake one for the other. They are marked in the same manner.

RICHARDS (Hancock County, Mains, G.A.F., 1865; K.G.C., 1934) -- Lost. The station has been destroyed by the construction of a race track.

RI CHARDS (Hancock County, Maine, G.A.F., 1865; F.L.P., 1944)
Station was searched for but
not found. As there are many rocks in this vicinity, there is a
possibility that the station is still there.

#### ADJUSTED HORIZONTAL CONTROL DATA

NAWE OF	STATION:	RICHARDS					
STATE:	MAINE		YÉA¶:	1865	i.	THIRD	-ORDĒR

G- 6793

	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °26 ′23.62 68 18 56.62	SCAUED.	49 NETERS .
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STATE COORDINATES (Fee)					
CODE	×	<b>v</b>	B IORA ALANGLE		
1801	548,126.87	221,151.48	+ 0°07'45"		
	ĺ				
		CODE X	CODE X Y		

FLANE AZIMUTH HAS BEEN COMPUTED BY THE  $\,\, heta\,$  ICR  $\Delta\,$  OF FORMULA NEGLECTING THE SECOND TERM.

TO STATION OR COJECT	GEODETIC AZIMUTH (From 1021b)	PLANE AZIMUTH *  (From Louth)	CODE
	0 , //	0 7 #	
	ı	) 1	

POSITION DETERMINED BY DATUM DIFFERENCES

U. S. DEPARTMENT OF COMMERCE O. 3. DEFANTIMENT OF COMMENCE
NATIONAL ÓCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY - NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTRUL DATA

by the Kational Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE STATION 1101 LATITUDE

44 0 0C' TO 44 0 30' LONGITUDE 68 0 00, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

RICHARDSON (Handcock County, G.A.F., 1870) -- On a hill on the E side of Somes Sounds, about 1 mile above Sargent Point and the same distance E of Squantum Point,

The station is on a ledge in Martin Richardson's pasture and just to the SE of his house, and 11 feet SE of a large boulder. To the eastward the land is much higher.

The station mark is a copper bolt set in a hole in a rock.

(K70.C., 1934) -- Station mark recovered as

(K.G.C., 1934) -- Station mark recovered as described on a hill on the E side of Some Sound at its northern end 4 1/4 miles WSW of Bar Harbor.

Station and reference marks are standard bronze disks wedged

in drill holes in outcropping bedrock.

The station mark, is 90 feet WSW of mid-tangent of S curve in woods road. It is 13 feet SSW of center of a 5-foot high boulder and 20.23 feet ESE of middle wedge of three wedges and bushings in ledge.

Reference mark No.1 is 45.59 feet SW of station. It is 3 1/2 feet E of a sheer W face of ledge, and 5 1/2 feet S of a

sheer 2-feet N face.

Reference mark No.2, is 26.24 feet NW of station in a ledge with a 5-foot on side square notch and which has a square 2 1/2 foot block of rock at notch. It is 1 foot E of W face and

7.76 feet NNW of middle wedge as above.

To reach fom junction of Highways 102 and 198 with speedometer 0.0 proceed E on Highway 198, 1.35 miles continue on Highway 198 past Bar Harbor road on left. At 1.8 miles turn left on woods road. At 1.85 miles take main right fork. At 1.9 stop at middle of a 40-foot tangent of S curve in road.

OBJECT DISTANCE DIRECTION R.M.No.1 0°00100"0 13.897 meters R.M.No.2 90 56 24 7.999 meters Mag. South 323 51

R.M.No.1 to R.M.No.2 16.146 meters

(F.L.P., 1944) -- Station and reference marks recovered and described by K.G.C. in 1934. Distances to reference marks were checked and found correct.

RICHARDSON

STATE:

1870 YEAR:

SECOND

APRES

G- 6053

44 21 29 085 46 WETERS GEODÉTIC LATITUDE: **SEXCED** 68 18 09.293 FEET GEODETIC LONGITUDE:

STATE COORDINATES (Feet)					
STATE & ZONE	CODE		Y	# 109 A BI ANGLE	
ME E .	1801	551,632.24	191,335.65	+ 0°08'17"	

TO STATION OR COJECT	GEODETIC AZIMUTH (From south)	PLANE AZIMUTH *  (From south)	COD
	6 , 4	0 ' "	
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	1	. 1	

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY - NAT I ONAL GEODET IC SURVEY

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1102

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30' DIADRAM NL 19-11 BANGOR

### ADJUSTED HORIZONTAL CONTROL DATA

ROBINSON MOUNTAIN (Hancock County, Maine, G.A.F., 1870) -- This mountain is on the W side of Somes Sound, about helfway up, and directly opposite Browns Mountain, which is on the E side.

directly opposite Browns Mountain, which is on the E side.

The station is about 100 yards E of the highest point of the eastern summit of the mountain, and is a copper bolt set in a hole in a rock.

ROBINSON MOUNTAIN (Hancook County, Maine, G.A.F., 1870; K.G.C., 1934) -- The station was recovered as described except that the copper bolt had been removed. The station is on Robinson Mountain on Mount Desert Island, on the W side of Somes Sound about halfway up to its head.

The station was re-marked and two reference marks were established. Marks were standard bronze disks wedged in drill holes in outcropping bedrock. Reference mark No.l is NE of the station and reference mark No.2 is NW.

To reach the station from the junction of Highway 198 and Highway 102 in Somesville, go 3.1 miles S on Highway 102 to a filling station and the entrance to the Echo Lake Driveway on the W side of the road. Take trail marked "Robinson Mountain" E and follow signs and blazes to the summit. Proceed along "Tug of War" trail to the eastern summit of the mountain. The station is about 100 yards E of the eastern summit.

MAG. AZIMUTH

239°37!

160 35

OBJECT DISTANCE
Sta. to R.M.No.1 3.726 meters
Sta. to R.M.No.2 5.105 meters
R.M.No.1 to R.M.No.2 5.748 meters

ROBINSON MOUNTAIN (Hancock County, Maine, G.A.F., 1870; F.L.P., 1944)

marks recovered in good condition as described by K.G.C. in 1934, except the station is now most easily reached from the junction of State Highways 198 and 102 in Somesville. From the above junction, go 3.4 miles S along State Highway 102, take Man of War Brook road E approximately 175 meters (paced) to where Acadia Mountain trail crosses, take Acadia Mountain trail NE and then E to highest peak of Acadia Mountain, take Robinson road E to E summit of mountain where trail veers S. Station is approximately 30 meters E of E summit and trail.

ROBINSON MOUNTAIN (Hencock County, Maine, G.A.F., 1870; I.R.R., 1956)

-The station mark and reference marks 1 and 2 were recovered in good condition. The distances to the reference marks were verified. The 1934 recovery note by K.G.C. is adequate and complete with the following additions;

The station mark is stamped "ROBINSON MOUNTAIN 1870 1934."
The reference marks are stamped "ROBINSON MOUNTAIN 1934 NO 1 and

NO 2," respectively.

To reach the station from the intersection of State Highways 102 and 198 in Somesville, go S on State Highway 102 for 3.4 mi. to a dirt road leading left, park vehicle and proceed on foot along a dirt road for 175 m. to where Acadia Mountain Trail crosses the dirt road, thence turn left and follow Acadia Mountain Trail NE to the highest peak of Acadia Mountain (this trail then becomes Robinson Road East), continue along Robinson Road East to the E summit of the mountain and the station. The station is approximately 30 m. E of the summit.

ROBINSON MOUNTAIN

MAIAM

187

SECOND

\_080F

G- 605

GEODETIC LATITUDE: 44 °19 '25.981 SCATED: 212 METERS GEODETIC LONGITUDE: 68 19 05.451 SCATED: FEET

		STATE COORDINATES (Feet)		
STATE & ZONE	CODE	×	Y	# IORA 4) ANGLE
ME E	1801	547,580.06	178,861.15	+ 0°07′37″

" Flane azimuth has been computed by the  $\,s$  ior  $\Delta\,$  at formula neglecting the second term.

TO STATION OR DEJECT	GEODETIC AZIMUTH (From south)	PLANÉ AZIYUTH (From south)	CODE
		0 , "	
	•	'	

51 262

113

¥3.

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

# HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM BUAD 440682 MAINE STATION 1103

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30' DIAGRAM NL 19-11 BANGOR

### ADJUSTED HORIZONTAL CONTROL DATA

					ADJ021E	D HORIZONTAL CC	INTROL DATA	•	
DEPARTMENT OF COMMERCE U & COMP AND ADDRESS RENTED FROM \$48.  EV. May 184  DESCR	LIPTION OF RECOVERABLE TOP	oceanile Sation	, wal	NAME OF STATION: ROCK	YE	1944		THIRD	-ORDER
Name ROCK General locality Frenchmon Bay, Maine Locality Egg Rock Datum H.	Year 1944 Sketch for Sheet No. T-8584 distance	r shoreline and air photogree and reference points:	EGG ROCK	G- 6939					
Checked by Asymond Glaser  Checked by Asymond Glaser  Approximate elevation above high-water mark 5  Location method: Franchiz Restart, Theodolite, Analy	Elika by Hearry P. Eichert Checked by haymond Gleser Approximate devasion shows high water mark 5			GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °21 ′07. 68 08 24.	216 164	\$&Xt	.Ted	METERS PEET
Detailed description: Station is a standard topographic disc sat in drill hole in ledge, approximately 250 m. south southwest of lighthouse and near east edge of last ledge above H.W. Lightkeeper can eid in	9A4 (4)		STATE COORDINATES (Feet)						
	ar eas ease i k	*		STATE & ZONE	\$903	cope x		Υ 9	
recovery.			-	ME E	1801	594,151.09	189,265	5.83 +	0°15′06″
CHORELINE REFERENCE DISTANCES ONert ( Distance Direction A	REFERENCE POINTS	IDENTIFIABLE ON AIR PH Distance Direction	OTOGRAPHS Accords						
Object Director Director As		00, 00,	 	* FLANE AZIMUTH HAS BEEN	COMPUTED BY THE 8 10	A 41 FORMULA REGLECTIV	G THE SECOND TERM.		
		Ì	,	товти	ATION OR OBJECT		From SOUTH	FLANE AZILIUTH (From south)	CODE
Above distances measured by: HEFRENOES: Topographa Maioul, paragraphs 124, 23, 33, 37, ac	i page kir Hydrographic Mannel, INSI.	· 16	-1336-3 e-0   					4P	
		e.	·					52	367

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

# HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM OUAB 440682 STATION 1104
MAINE
LATITUDE 44 0 00' 10 44 0 30'
LONGITUDE 68 0 0C' 10 68 0 30'
DIAGRAM NL 19-11 BANGOR

		ADJUSTE	D HORIZONT	TAL CONTROL	_ DATA		
DEPARTMENT OF COMMERCE '  B. A CONTROLLEGISTRY SHAPT  DESCRIPTION OF DECONTROLLE TARACTORISE TARACTORISE TARACTORISE TARACTORISE TARACTORISE TARACTORISE TARACTORISE TARACTORISE TARACTORISE TO THE CONTROLLEGISTRY OF THE CONTROLLEG	ROUN NAVE OF STATION: NATNE STATE:		1944 EAR:		THI		
Name General locality Bound Island Datum NA. 1927  NAME Sketch for shoreline and air photograph reference distances and reference points:  NA. 1927	SOUACE: G- 8790					-0	ORDER
Locatity Round Island Liftigraty Fred. L. Peacock Location method Missing Theodolite, Allienth Location method Missing Missing Represented Theodolite, Allienth Location method Missing Missing Represented Theodolite, Allienth Represented Theodolite, Allien	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °11 ′05. 68 26 59.			SEXTED!	8	METERS FÉÉT
			STATE COORDI	NATES (Feet)			
	STATE & ZONE	1801	× 513,178	04 12	v 28.112.24		° 02 ' 06
	NE E	1001	3131110	12	.0,112.24	+ 0	- 02 - 06
Object Distance in meters Direction Assimuth Object Distance in meters Direction Assimuth	* FLANE AZIMUTH HAS BERN	COMPUTED BY THE A I	OAA SI FORMULAN	FOLECTING THE SECON	NO TERM		
		ATION OR OBJECT		GEODETIC AZIWUTN (From sozib)		nent)	CODE
ROUND (Hancock County, Maine, F.L.P., 1944; I.R.R., 1956)  The station was recovered in good condition. The original description is adequate and complete with the following additions: The station was recovered for good condition. The original description is adequate and complete with the following additions: The station is 39.0 ft. NE of the NW corner of a house, The station is marked by a topographic disk, stamped, "ROUND						54 074	8

U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY , NAT LONAL GEODET IC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

OUAD 440682 Maine STATION 1105

#### ADJUSTED HORIZONTAL CONTROL DATA

SALISBURY COVE, WHITE CHIMNEY, WEST END, 2 STORY HOUSE, (Hancock County, Maine, K.G.O., 1934) -- The white chimney at the W end of a large two story, white house that overlooks Salisbury Cove on the N end of Mount Desert Island.

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30' DIAGRAM NL 19-11 BANGOR

NAVE OF STATION:

SALISBURY COR HSE W END CHIM

THIRD

-ORDER

G- 6793 SOUND! OBSERVATION CHECK ON THIS POSITION

GEODETIC LATITUDE: 44 °25 '58. '96 68 16 46.08	ELEVATION: MET	
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STATE COORDINATES (First)						
STATE & ZONE	CODE	×	¥	# IORA # ANGLE		
HE E	1801	557+604+01	218,677.88	+ 0°09′16		

TO STATION OR OB/ECT	GEODETIC AZIMUTH (From toxeb)	PLANE AZIMUTH (From south)	CODÉ
	0 , "	. , ,	
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SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY , NATIONAL GEODETIC SURVEY

## HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1106

QUAD 440682 STATION 1106
MAINE
LANTUDE 44 000, TO 44 030,
LONGITUDE 68 000, TO 68 030,
DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

			71000012		OH HOLD			
EPARTMENT OF COMMERCE /		NAME OF STATION: SALLY		1944		THIRD		
ARTMENT OF COMMERCE / L COLIT AND SCOOTIC RETYRY , FORM 584 Ret. May 1834	DESCRIPTION OF RECOVERABLE TOPOGRAPHIC STATION	STATE:	`	YEAR:		,	- <b>O</b> F	DER
e Sally Fallocality Swan Island, Me. Hty John Id. Dry Ledge	Year 1944 Sheek No. T-8571 Datum North American 1927 Mikar	G- 8790 SOURCE:		·				
of party Fred. L. Peacook Frarry R. Rudolph ed by W. E. Schmidt nimate elevation above high-water	John Island  Prog ledge,  mark 2 feet SALEY 1944	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °06 ′05 68 24 54		\$	EXTED.	1	WETER FEET
n method: Pisocial Activity of T d description: Station is lo heat navt of John Islam	needed, ATTAINED AT THE Control of the address of the address on the easterly			STATE COORDINATES (	Feet)			
that is about 2 feet Dry Ledge is about 3/	above Mean High-Water. John t mile S.W. of John Island	STATE & ZONE	CODE	×	Ţ ,	,	g ice Δ	a) ANGLE
ut 2 miles south of d disc stamped "SA!	f Span Island. Mark is a WK LLY 1944".	ME E	1801	522,326.62	97,	745.43	+ 0°	03'33
	BEFERENCE POINTS IDENTIFIABLE ON AIR PROTOGRAPHS							
	Post Direction Asimuth Object Direction Direction Asimuth Object Direction October Oct	PLANE AZIMUTH HAS BEEN C	XXMPUTED BY THE Ø	IORA 41 FORMULA NEGLECT	ING THE SECOND TO	EAM.		
		TOSTA	TION OR OBJECT	GEOG	DĒŢIĆ AZIMŲTH (From touth)	FLANE AZII	1UTH "	CODE
i					0 7 +	0		*****
							54 <b>0</b> 64	
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SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

#### HORIZONTAL CONTROL JATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM DUAD 440682 STATION 1107
MAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

### NO ORIGINAL TEXT

SANDS POINT (Hancock County, Maine, G.A.F., 1865; 1903) -- On a knoll on the eastern side of the point of that name on the N shore of Mount Desert Island near the mouth of Eastern Bay. Eastern Bay connects Frenchmans and Blue Hill Bays.

The station is on the only prominent ledge of rock on the knoll and is marked by a copper bolt set in a hole in a rock.

SANDS POINT (Hancock County, Maine, G.A.F., 1865; K.G.C., 1934)—The ledge on which the station was located was identified by an aged local resident who has seen the copper bolt which marked the station. It was not found after a thorough search and it is likely that the bolt has been lost due to the crumbling of the ledge.

SANDS POINT (Hancock County, Maine, G.A.F., 1865; F.L.F., 1944)

-Station was not found. The ledge was thoroughly searched for, but has crumbled badly due to the roots of the moss which covers the ledge.

#### ADJUSTED HORIZONTAL CONTROL DATA

MAINE		YEAR: 1865			THIR	-c	RDEA
G- 6793							
GEOOETIC LATITUDE: GEOOETIC LONGITUOE:	44 °26 '15 68 16 00	.76		§	EXTED.	27	V£16 F661
		STATE COORI	DINATES (FA	1}			
STATE & ZONE	CODE	×			·	;	A A ANGL
ME E	1801	560,88	7.54	220,	344.59	+ 0	° 09′4
* PLANE AZIMUTH HAS BEEN C	COVENTED BY THE Ø	ICRA OI FORWULA	NEGLECTIN	3 THE SECOND T	ERM.		
TOSTA	TION OR OBJECT		(Fr	OM SOUTH	FLANE A	ZIVUTH *	tos
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POSITION DETER	RMINED BY D	ATUM DIFFE	RENCES				
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U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY - NATIONAL GEODETIC SURVEY

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey North AMERICAN 1927 DATUM QUAD 440682 STATION 1108
MAINE
LATITUDE 44 000, TO 44 030,
LONGITUDE 68 000, TO 68 030,
DIAGRAM NL 19-11 BANGOR

ADJUSTED HORIZONTAL CONTROL DATA

SAVAGE MOUNTAIN (Hancock County, Maine, G.A.F., 1870) -- On the high hill of that name, located about 3/8 mile E of the head of Northeast Harbor, Mount Desert Island. A path leads from Augustus Savage's house to the summit.

The station is about 300 feet SW from the highest peak of the mountain and 13 feet W of the highest point of the ledge on which it is located. It is a copper bolt set in a hole in a rock.

SAVAGE MOUNTAIN (Hancock County, Maine, G.A.F., 1870; K.G.C., 1934) -- On the high hill of that name, better known as Asticou Hill, located about 0.4 mile: E of the head of Northeast Harbor.

The station is about 300 feet SW of the highest peak of the

The station is about 300 feet SW of the highest peak of the mountain and 13 feet W of the highest point of the ledge on which the station is located. The original copper bolt was left in place as the station mark and 2 reference marks, standard bronze disks wedged in drill holes in outcropping bedrock, were installed.

To reach from Northeast Harbor, go N on Highway 198 about 1 mile and take road leading SE, the trail to the summit leaves this road to the left after passing 2 clearings on the left, follow trail to summit thence SW to the station. The ledge on which the station is located is in a clearing and the harbor can be seen very clearly from it.

 OBJECT
 DISTANCE
 DIRECTION

 MAGNETIC NORTH (approx.)
 feet
 0°00'00'0

 R.M.No.1
 21.73
 189 47

 R.M.No.2
 15.52
 289 02

 R.M.No.1 to R.M.No.2
 28.60

SAVAGE MOUNTAIN (Hancock County, Maine, G.A.F., 1870; F.L.P., 1944)
—Station and reference marks
were recovered in good condition. Distances to the reference marks
were measured and checked. The description is adequate except the
station is now about 400 feet SW of the summit of the hill on an
open ledge instead of 300 feet.

NAVE OF STATION: SAVAGE MOUNTAIN

STATE: MAINE

187

SECOND

-онден

G- 6053

GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °18 '09 °541 68 16 29 • 524	\$CALED	134 WETERS

STATE COORDINATES (Feet)					
STATE & ZONE	8003	×	٧	8 104 A STANGLE	
ME E	1801	558,935,85	171,149.28	+ 0° 09′ 26″	

FLANE AZIMUTH HAS SEEN COMPUTED BY THE | heta| for  $\Delta$  of formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	FLANE AZIMUTH * (From south)	CODE
MAGNETIC NORTH	· / //	٠, ٠	1801

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### HORIZONTAL CONTRUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 MAINE

STATION 1109

LATITUDE 44 0 00' TO 44 0 30' LONGITUDE 68 . OC, TO 68 . 30, DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

SCRAG ISLAND (Hancock County, Maine, J.W.D., 1875;1911) -- On the easternmost of two islands known collectively as "The Green Islands." It lies about 2 1/2 miles E by S of the E point of Swan Island and about 3/4 mile S of Black Island.

The station is on the highest point of the hill, near the eastern end of the island, and is a copper bolt set in a hole in a

Two reference marks, 3/4-inch drill holes filled with lead, are placed, respectively, 10.60 meters SE of E and 17.05 meters S of the station.

SCRAG ISLAND (Hancock County, Maine, J.W.D., 1875; K.G.C., 1934) -- This station recovered as described.

Two reference drill holes, given in the original description as being SE by E and S of the station respectively, were found to be NNW and ENE, respectively, instead.

Two reference marks, standard bronze disks wedged in drill

holes in outcropping bedrock, were placed as follows; No.1 is NNW and No.2 is E of the station, both on flat-topped ledges.

MOSE IS B OF THE STAP.	ton tooth on	TTHE-robbed TedRes:
OBJECT	DISTANCE	DIRECTION
GREAT DUCK ISLAND	meters	000010000
R.M.No.1	5.272	246 05 38
Ref.Drill Hole No.1	10.602	246 06 5 <b>0</b>
Ref.Drill Hole No.2	17.007	305 11 50
R.M.No.2	4.322	344 28 52
R.M.No.1 to No.2	7.275	
Drill Hole No.1 to		•
Drill Hole No.2	14.711	•

SCRAO ISLAND (Hancock County, Maine, J. W.D., 1875; D.F.R., 1953)
-Station and both

reference marks were recovered in good condition. Description is adequate.

SCRAG ISLAND NAME OF STATIONS

SECOND

-ORDER

G- 6053 SOURCE:

44 °09'31'373   68 20 01,960   68 20 01,960	\$CATED	11 METERS
---	---------	-----------

State Coordinates (Feel)				
×	Y	# 'CRA #! ANGLE		
543,594.13	118,645.68	+ 0°06′57′		
	× 543,594.13	x y 543,594.13 118,645.68		

TO STATION OR OBJECT	DEDUETIC AZIMUTH (From scath)	PLANE AZIMUTH *  (From south)	CODE
	0 , ,	0 1 0	
GREAT DUCK ISLAND	272 25 57.7	272 19 01	180
	1		

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

### JNTAL CONTROL DATA

National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 STATION 1110 LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 0 00, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

SEAL COVE (Hencock County, Maine, G.A.F., 1863; 1911) -- On the high rocky hill on the N side of Seal Cove, Mount Desert Island (west side).

The station is on the highest and most northerly of three nubbles on the summit, and is marked by a copper bolt set in a hole in a rock. The hill is now thickly covered with young fir and spruce trees.

SEAL COVE (Hancock County, Maine, G.A.F., 1863; K.G.C., 1934) -- Station recovered as described, on the high rocky hill on the N side of Seal Cove, W side of Mount Desert Island. Land is owned by Richard C. Paine.

The station mark, a copper bolt in a rock, is on the most southwesterly of three large nubbles and the probable highest one. It is in a rough summit ledge 0.5 foot W of the W end of a 10-by 2 1/2-inch shallow depression which has an E-W direction. It is 6.8 feet NW of the highest part of the ledge and 1.95 feet NE of center of a U notch in rock.

Reference marks, standard bronze disks wedged in drill holes in outcropping bedrock, are placed as follows: Reference mark No.1 is 48.00 feet NE of station in rough ledge and 6 feet W of a 3-foot E face running N and S. A vein running NNW has cracked rock so that 1.3 feet E of reference mark No.1 is a 1-foot face in ledge. Reference mark No.2 is 38.07 feet NNW of station in ledge and where ground after a gradual slope from the station slopes steeper to the N at reference mark.

With speedometer at 0.0 at traffic light (junction of Clark Point Road and Highway 102 in Southwest Harbor); go 7.9 miles on Highway 102 and at West Tremont, on Highway 183 (going right on all main forks in road) to road left on N side of cemetery. Take road left 0.1 mile to woods road just NW of last house. Follow about 0.2 to summit of hill from which station is about 0.3 mile, southwesterly.

A 30-foot signal was used. OBJECT DIS DISTANCE DIRECTION BAR ISLAND 2 meters 000010010 R.M.No.2 11,605 111 25 11 R.M.No.1 14.630 179 50 24 R.M.No.1 to R.M.No.2 14.956

SEAL COVE (Hancook County, Maine, G.A.F., 1863; I.R.R., 1956) The station mark and reference marks 1 and 2 were recovered in good condition. The distances to the reference marks were verified. The 1934 recovery note by K.Q.C. is adequate with the following additions:
Reference mark 1 is a standard disk, stamped "SEAL COVE

1934 NO 1." Reference mark 2 is a standard disk, stamped "SEAL COVE

1934 NO 2.

SEAL COVE

NAME OF STATION

SECONO

-ORDER

G- 6053 SOURCE:

GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °17 ′15.*929 68 24 41.796	\$EXTED.	73	WETERS FEET

STATE COORDINATES (Feet)				
STATE & ZONE	CODE	×	Y	# 10RA 4) ANGLE
ME E	1801	523,144.87	165,652.36	+ 0°03'42"

 $^{\dagger}$  flane azimuth has been computed by the  $^{\dagger}$  fior  $\Delta$  a) Formula neglecting the second term

TO STATION OR OBJECT	GEODETIC AZIMUTH (From sonib)	PLANE AZIMUTH (From south)	CODE
BAR ISLAND 2	. , ,	0 /	1801

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

#### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM OUAD 440682 MAINE

STATION 1111

44 0 0C; TO 44 0 30; LATITUDE LONGITUDE 68 0 OC, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION

MAINE STATE:

SECOND

6053

SOURCE

44 23 58,109 42 GEODETIC LATITUDE: METERS **SYXLED** 68 11 35,340 GEODETIC LONGITUDE: FEET

STATE COORDINATES (Feet)				
STATE & ZONE	CODE	×	Y	BICRA BIANGLE
ME E	1801	580,196.06	206,513.43	+ 0°12′53°

PLANE AZIMUTH HAS BEEN COMPUTED BY THE # 108 \$ 41 FORMULA REGLECTING THE SECOND TERM.

. TO STATION OR OBJECT	GEODETIC AZIMUTH (From scuib)	FLANE AZIMUTH * (From south)	CODE
IRESON	122 42 30.5	122 29 37	1801

51 276

SHEEP (Hancock County, Maine, K.G.C., 1934) -- Station is on the summit of Sheep Porcupine Island, Frenchmans Bay. The island is about 3/4 mile NE of the town of Bar Harbor. The station is on one of the highest outcropping ledges on the summit and there is a 3/4-inch iron bolt 1.8 meters NW from

it. The station and Reference mark No.2 are standard bronze disks

wedged in drill holes in outcropping bedrock.

Reference mark No.1 is a copper bolt set in a hole in a rock, and surrounded by a circle. It is located on the highest ledge on the island.

Reference mark No.2 is W of the highest point and SW from the station and about two meters lower.

The station is on the extreme S end of the island, but is most easily approached by a trail across the island from a pebble beach on the NW end, as the cliffs on the S end are steep.

DISTANCE DIRECTION OBJECT 000010010 IRESON meters 165.25 44 11.404 R.M.No.1 16,178 225 01 44 R.M.No.2 265 27 27 Lorraine Hotel Cupola

R.M.No.1 to R.M.No.2 19.730 Height of light above station mark - 12 meters. Height of telescope above station mark - 12 meters.

SHEEP (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944) Station recovered in good condition.

Description adequate.

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

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAI NE

STATION 1112

-ORDEA

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30'

DIAGRAM NL 19-11 BANGOR

# NO ORIGINAL TEXT

SHIP AND BARGE BEACON (Hancock County, Maine, N.H.H., 1908; K.G.C., 1934)--This was a no-check point when established in 1908. A checked position of this beacon was determined in 1934. The latter observations check the position established in 1908.

SHIP AND BARGES BEACON (Hancock County, Maine, N.H.H., 1908; The I.R.R., 1956)' station was recovered in good condition. A new description is

The station is located on Ship and Barges Ledge, about 6 mi. W-SW of Southwest Harbor, and about 2.5 mi. N of the N tip of Swan Island. The station is a black tripod, about 30 ft. high, which is the S of two daybeacons.

#### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION:	SHIP AND BARGE	BEACON	
STATE: MAINE		1908 YEAR:	THIRD

G- 6793 SOURCE

44 °13 '32.294 ELEVATION: GEODETIC LATITUDE: WETERS 68 25 54.038 GEODETIC LONGITUDE: FEET

STATE COORDINATES (Fret)				
STATE & ZONE	CODE	×	٧	BIDGA DI ANGLE
ME E	1801	517,909.12	143,003.23	+ 0°02'52"

 $^*$  flane azimuth has been computed by the | heta| for  $\Delta$  at pormula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZ-MOTH (From scrib)	FLANE AZIMUTH *  (From soath)	COOE
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U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY | NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTRUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STAYION 1113
MAINE
LATITUDE 44 000 TO 44 030\*
LONGITUDE 68 000 TO 68 030\*
DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

SHIP	AND BARGES LEDGE, I	FORTH BEACON	(Hancock County, Maine, K.G.C., J	934)
Beacon is	a black spindle on	the NW end	of the ledge.	

SHIP AND BARGES LEDGE, NORTH BEACON (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944) -Station recovered in good condition.

NAVE OF STATION:

SHIP AND BARGES LEDGE N BEACON

THIRD

YEAR:

ORDER

--ORDER

G- 6793

GEODETIC LATITUDE: 68 25 56.235 ELEVATION: WETERS GEODETIC LONGITUDE: FEET

STATE COORDINATES (Feet)				
STATE & ZONE	cope	×	Y	B ICHA AI ANGLE
ME E	1801	517,748.86	143,364.06	+ 0°02′50°
		1		:
		1		

\* PLANE AZIMUTH HAS BEEN COMPUTED BY THE | heta| for  $\Delta$  of Forwald neglecting the second term.

TO STATION OR CRÆCT	GEODETIC A2:WUTH (From south)	FLANE AZIMUTH (From south)	CODÉ
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U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY • NATIONAL GEODETIC SURVEY

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE

STATION 1114

LATITUDE 44 ° 0C/ TO 44 ° 30/ LONGITUDE 68 ° 0C/ TO 68 ° 30/ DIAGRAM NL 19-11 BANGOR

### NO ORIGINAL TEXT

SMALL WHITE HOUSE WITH DARK ROOF, CHIMNEY (Hancock County, Maine, F.P.W., 1860; F.L.P., 1944)
Station is the approximately 3-foot square chimney on top of the center of the ridge roof of a small white house, now owned by a Mrs. Young. House stands on the summit of a hill due E of the South Gouldsboro Church spire, about 100 meters S by W of the cemetery on this same hill, and approximately 0.2 mile E of Route 186. Local information reveals that the only changes made on this chimney since 1860, was rebuilding it from the ridge of the roof up. Recovery is as positive as can be with the description given.

Form 526 (11-8-65) U.S. DEPARTMENT OF COMMERCE - COAST AND GEODETIC SURVEY RECOVERY NOTE, TRIANGULATION STATION INTERSECTION

 $\mathbf{R}$ 

MAME OF STATION: SWALL WHITE HOUSE WITH DARK ROOF, CHIMNEY
ESTABLISHED BY: F.P.W. YEAR: 1860 STATE: Maine
RECOVERED BY: N.O.S. YEAR: 1965 COUNTY: Hancock

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent facts:

Recovered in good c ondition as described in 1944. House stands in the woods on Gemetary Road at the top of the hill.

#### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF	STATION:	SMALL WHITE HSE DARK ROOF CHIM			
STATE:	MAINE	<sub>челя:</sub> 1860	÷	THIRD	- ORDÉR

G- 6793

GEODETIC LATITUDE:	44 °25 ′49.*51	ELEVATION:	METERS
GEODETIC LONGITUDE:	68 06 23.23		FEET

STATE COORDINATES (Feet)				
STATE & ZONE	CODE	×	Y	# ICRA #I ANGLE
ME E	1801	602,800.40	217,890.54	+ 0°16′32″
	1			

 $^*$  flane azimuth has been computed by the  $\,$  8  $\cdot$  OR  $\Delta$  4). Formula neglecting the second term

TO STATION OR COJECT	GEODETIC AZINUTH (From south)	PLANE AZIWUTH * (From south)	CODE
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POSITION DETERMINED BY DATUM DIFFERENCES

U, S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY , NAT I ONAL GEODET IC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1115
MAI NE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGGR

#### ADJUSTED HORIZONTAL CONTROL DATA

SMITH (Hancock County, Maine, G.A.F., 1864) -- On the W side of Union River Bay (upper part of Blue Hill Bay) about 1/4 mile from the shore and 5/8 mile B of the head of Morgan Bay. A road crossing the head of Morgan Bay passes close by the station and forms a junction with the shore road to Surry about 180 meters to the eastward. The N end of the "Carrying Place" between Morgan and Union River Bays is about a mile SW by S from the station.

The station is marked by a copper bolt set in hole in a rook.

SMITH (Hancock County, Maine, G.A.F., 1864; K.G.C., 1934) -- In Surry Township, on the N end of Newbury Neck, 5/8 mile E of the N end of Morgan Bay and 1 mile N of "The Carrying Place." It is on the S side of a road running eastward from the N end of Morgan Bay to its junction with the shore road about 1/8 mile B of the station.

Station mark is a copper bolt set in a hole in a rock. Reference mark No.1 is a standard disk wedged in a drill hole in outcropping bedrock. Reference mark No.2 is a standard disk set in a block of concrete.

Station mark is 68 feet 8 of center line of road, 335 feet 8 of 8 fence of a cemetery on same side of road and directly across road from an old house site. Area is grown up with bushes 20 feet. R.M.No.1 is 88 feet 8 of center of road and 305 feet 8 of cemetery fence. R.M.No.2 is 43 feet 8 of center of road and 310

feet E of cemetery fence.

To reach station from junction of Highways 3 and 15 in Ellsworth go 8 6.4 miles on Highway 15, take gravel road left opposite
white schoolhouse with green shutters in belfry; follow 50 yards and
take right fork. Continue 2.7 miles, keep straight shead at Tjunction right; follow this road 0.9 mile to station.

 OBJECT
 DISTANCE
 DIRECTION

 UNION
 meters
 0°00'00'0

 R.M.No.1
 11.010
 142 03 48

 R.M.No.2
 10.498
 218 47 26

 R.M.No.1 to R.M.No.2
 13.348

 A 30-foot tripod and seffold was erected over the station.

SMITH (Hancock County, Maine, G, A.F., 1864; I.R.R., 1956)
The station mark and reference marks 1 and 2 were recovered in good condition. The distances to the reference marks were verified.

tances to the reference marks were verified.

The 1934 description by K.O.C. is adequate and complete.
Reference mark 1 is stamped "SMITH 1864 1934 NO 1."
Reference mark 2 is stamped "SMITH 1864 1934 NO 2."

RECOVERY NOTE, TRIANGULATION STATION QUAD 440682

RECOVERT NOTE, TRIANGULATION STATION QUAD 4406

NAME OF STATION: SMTH

ESTABLISHED BY: G.A.F. YEAR: 1864 STATE: Maine BENCH MARK(S) ALSO COUNTY: Handook

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 3.0 miles southeast of Surry

Detailed statement as to the fittees of the original description; incloding marks fronts, stampless, changes made, and other pertinent factor.

Station and reference marks recovered in good condition as described in 1934, and 1956. Station is entirely surrounded by tall conifers.

HTIMS

STATE: MAIN

1864

SECOND

-OBDER

G- 605

GEODETICLATITUDE: 44 °27 ′28 °918 SCALED 31 DETERS
GEODETICLONGITUDE: 68 28 07.073 FEET

STATE COORDINATES (FM)				
STATE & ZONE	CODE	×	Ψ	F 108 △ PI ANGLE
HE E	1801	508,190.09	227,710.83	+ 0°01'19"
		1		
	1			

FLANE AZIMUTH HAS BEEN COMPUTED BY THE s (OR  $\Delta$  g), FORWULA NEGLECTING THE SECOND TERM.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	FLANE AZIMUTH * (From south)	CODE
UNION	257 26 42.2	257 25 23	180

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 HAINE STATION 1116 LATITUDE 44 0 00' TO 44 0 30' LONGITUDE 68 0 00, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

### NO ORIGINAL TEXT

SOMESVILLE CHURCH SPIRE (Hancock County, Maine, G.A.F., 1863-70; K.G.C., 1934) -- The church has remained the same since 1870 according to Mrs. Kate Pray who lives nearby. It has a tall white spire and is known as the Somesville Union Meeting House. The church was built in 1852.

SOMESVILLE CHURCH SPIRE (Hancock County, Maine, G.A.F., 1863; P.L.P., 1944) -Station recovered as described by K.G.C. in 1934, in good condition except, it is on the E side of State Highway 102, in Somesville, about 15 meters E of the road, has a board walk from the highway to the door and a small hedge across the front of the lawn.

SOMESVILLE CHURCH SPIRE (Hancock County, Maine, 0.A.F., 1863-70; D.F.R., 1953) -Station was recovered in good condition as described in 1944. Residents of the town report the church has not been rebuilt.

SCMESVILLE CHURCH, SPIRE (Hancock County, Maine, G.A.F., 1867-70; I.R.R., 1956)/
The station was recovered in good condition. The 1934 de-

scription by K.G.C. is adequate and complete.

#### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION:	SOMESVILLE CHURC	CH SPIRE	•	
STATE: PAINE	y.	1863 EAR:	THIRD	-оноен

G- 6793

GEODETIC LATITUDE:	44 °21 '37.020	ELEVATION:	VETERS
GEODETIC LONGITUDE:	68 20 11.027		PEET

STATE COORDINATES (Feet)				
STATE & ZONE	CODE	×	٧	# ICRA #I ASGLE
ME E	1801	542,786.77	192,119.64	+ 0°06′52
		1		

\* Plane azimuth has been computed by the  $\, heta\,$  formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	FLANE AZIMUTH " (From south)	CODE
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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 MAINE STATION 1117 LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30' DIAGRAM NL 19-11 BANGOR

						NTA .		
REPART MEDIT OF COMMERCES WE COUNT NO RECOVER SERVY FORM 584 FOR MAY 1584  DESCRIPTION OF RECOVERABLE TOPOGRAPHIC	2-18	NAME OF STATION:						
	nd air photograph reference	MAINE STATE:	Y	1944 EAR:		THIRE		ADĒR
ossity Trumpst Id.  Datum N.A. 1927  Soung.  Soung.  Soung.	ILL BAY	SOURCE: G- 8790						
theeked by Bayroond Glasser   Lou   Low	TRUMPET ISLAND	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °14 '39. 68 26 41.		\$\	EXCEO:	1	MËTERS FEET
oralled description: Standard disc set in drill hole in top of small boulder of extreme N.W. tip of Island. Mark is et base of very small bluff and is only boulder	11			STATE COORDINATES	(Feet)			
in vicinity. Standard disc stamped "Song, 1944".		STATE & ZONE	CODE	×	·		e ice A	GI ANGLE
		ME E	1801	514,466.49	149,7	797.14	+ 0°	02'19'
SHORELING REFERENCE DISTANCES  Other Distance Diseases Asknoth Object Diseases In species	Direction Arimoth							
00° 00' A Ber I. 2, 1934 oirole of gravel	00, 00,	* PLANE AZJUUTH HAS BEEN CO	WPUTED BY THE 8 H	PA P FORMULA NEGLEC	TING THE SECOND TE	RW.		
M.H.W.L. 5 W (F.I.P.) 73.5  Distances must be horizontal distances actually measured on the ground—not scaled.	120 . 49	TOSTAT	ном оя овиест	GEC	(From toxth)	PLANE AZ (From so	אדטמו,	CODE
							54 070	

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

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1118
MAINE
LATITUDE 44 0 OC/ TO 44 0 30/
LONGITUDE 68 0 OC/ TO 68 0 30/
DIAGRAM NL 19-11 BANGGR

#### ADJUSTED HORIZONTAL CONTROL DATA

SOUTH GOULDSBORO CHURCH SPIRE (Hancock County, Maine, K.G.C., 1934) -- It is the only church in South Gouldsboro. It has a short shingled spire with white peak.

SOUTH GOULDSBORO CHURCH SPIRE (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944)
Station is the shingled, pyramidal-type spire with white peak on top of the Bunker Memorial Church which is the only church in South Gouldsboro. Local information reveals that the spire has not been changed in any way since 1934.

ME OF STATION:	SOUTH GOULDSBORO	CHURCH SPIRE	

MAINE

1934 YEAR: THIRD

G- 6793

GEODETIC LATITUDE: 44 °25 ′49 °650 ELEVATION:	WETERS FEET
---	----------------

STATE COORDINATES (Feet)				
STATE & ZONE	CODE	x	Y	B IORA DI ANGLE
ME E	1801	601,931.64	217,900.56	+ 0°16′23
	f l			

\* FLANE AZIVUTH HAS BEEN COMPUTED BY THE | heta| for  $\Delta$  of Forwald neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From scath)	PLANE AZIMUTH (fram south)	CODE
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### HORIZONTAL CON'L JL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE STATION 1119

LATITUDE 44 0 00' TO 44 0 30' LONGITUDE 68 0 00' TO 68 0 30' DIAGRAM NL 19-11 BANGOR

### NO ORIGINAL TEXT

SOUTHWEST HARBOR CHURCH SPIRE (Hancock County, Maine, G.A.F., 1863; K.G.C., 1934) -- According to local residents this church has remained unchanged for over 100 years. It is the Union Church and has a square belfry and tall white spire. No observations were taken on the church in 1934.

SOUTHWEST HARBOR CHURCH SPIRE (Hancock County, Maine, G.A.F., 1863; F.L.P., 1944)'
recovered in good condition as described by K.G.C. in 1934, except it is in Manset instead of Southwest Harbor.
According to local information, the spire has not been charged since 1863.

#### ADJUSTED HORIZONTAL CONTROL DATA

SOUTHWEST HARBOR CHURCH SPIRE

STATE: MAINE

YEAR: 1863

THIRD

-ORDER

6- 679

GEOGETIC LATITUDE: 44 °15 ′56. °954 ELEVATION: VETERS GEOGETIC LONGITUDE: 68 18 36.252 FEET

STATE COORDINATES (Feet)				
STATE & ZONE	CODE	×	٧	# IORA #I ANGLE
ME E	1801	549,751.57	157,700.83	+ 0°07′57
			:	

\* Plane azimuth has been computed by the  $|\phi|$  (or  $\Delta$   $|\phi|$ ) formula meglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (Fro≈ sostb)	FLANE AZIMUTH *  (From south)	CODE
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SEP 1977
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NATIONAL OCEAN SURVEY NATIONAL GEODET 16 SURVEY

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM OVAD 440682 Maine STATION 1120

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30' DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

G-		44 °28 '1 68 05 5			ELEVATION:	WET:
	6793					
elale.						
MA I	INE		YEAR:	1860	THIRD	- OADEA
NAME OF STATH	ON: SQUAR	E HOUSE S	OUTH (	CHIMNEY		

STATE & ZONE	CODE	×	Y	Ø 108∆ BLANGLE
IE E	1801	604,857.73	232,477.02	+ 0°16′53
		[		

TO STATION OR OBJECT GEOGETIC AZIJUUTH (From south) (From south) CODE

O , O ,

POSITION DETERMINED BY DATUM DIFFERENCES

51 509

### NO ORIGINAL TEXT

SQUARE HOUSE SOUTH CHIMNEY (Hancock County, Maine, F.P.W., 1860; F.L.P., 1944)
slender brick chimney about 4 meters N of the S gable, on top of the ridge roof of the approximately square house now owned by a Mrs. A. Kingsley. House has another chimney near the N gable, it has 9 windows in front, and has no porches. Local information reveals that the S chimney is the original one and has not been changed in any way.

House stands approximately 0.3 mile SE of Route 1 on State Route 186 and about 20 meters N of the road.

Recovery is as positive as can be with the description given.

#### RECOVERY NOTE, TRIANGULATION STATION INTERSECTION

NAME OF STATION: SQUARE HOUSE, SOUTH CHIMNEY ESTABLISHED BY: F.P.W. YEAR: 1860 RECOVERED BY: N.O.S. YEAR: 1965

860 STATE: Maine Bench Mark(s) Also 🗀 965 County: Mancock

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN:
At West Gouldsboro

Detailed statement as to the fittess of the original description; including marks found, stampings, changes made, and other pertinent facts:

Recovery doubtful. An attempt to use the station for local control indicates that it plots NNW of the chimney described in 1944, at the ruins of a cellar foundation which was believed to be that of the house originally taken. The station is probably lost as described in 1954.

The house described in 1944 was recovered in good condition.

#### RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION: SQUARE HOUSE SOUTH Chimney

ESTABLISHED BY: F.P.W. YEAR: 1860 STATE: Maine BENCH MARK(S) ALSO COUNTY: Hanoock

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: In West Gouldsboro

Detailed statement as to the fitness of the original description; including marks found, sampings, charges made, and other pertinent facts:

Station is lost, as reported in 1934. Mr. C.F. Merriam of Prospect Harbor has been working on a project of establishing a network of control survey in the area for many years, and when he made a tie to the chimney of Mrs. A. Kingsley's house it was found that the coordinates did not fit the published coordinates. Next door to Mrs. Kingsley's house is a basement excevation of a house destroyed long ago by fire, which is believed to have been the location of the old house.

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY , NATIONAL GEODETIC SURVEY

## HORIZONTAL COLLROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

BUAB 440682 MAINE

STATION 1121

0°04'06'

LATITUDE 44 000, TO 44 030, LONGITUDE 68 000, TO 68 030, DIAGRAM NL 19-11 BANGUR

	•		ADJUSTE	D HORIZON	ITAL CONTRO	OL DATA	
DEFARTMENT OF COMMERCE U.C. CONTROL OF COMMERCE U.C. CONTROL OF COMMERCE U.C. CONTROL OF COMMERCE U.C. CONTROL OF COMMERCE U.C. CONTROL OF COMMERCE U.C. CONTROL OF COMMERCE U.C. CONTROL OF COMMERCE U.C. CONTROL OF COMMERCE U.C. CONTROL OF COMMERCE U.C. COMMERC U.C. COMMERCE U.C. COMMERCE U.C. COMMERCE U.C. COMMERCE U.C. CO	N	MAINE STATE: MAINE  G- 6853	Y	1944 <sub>Ear:</sub>		тні	RD -ordêr
Checked by Ruth B. Rudolph Approximate elevation above high-water mark 8 Location method: Planetable-Restant, Theodolite, Aleghologosphionist Detailed description: Station is located on the western side	) 1	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °22 ′47; 68 24 07.			\$4XLEQ.	I VETERS
of Black Island in upper Blue Hill Bay, about 1 mile east northeast of the northern tip of Bartlett Island,	(2)			STATE COORD	NATES (Fect)		
about 50 meters from the couthern tip of the Island and just south of the first small indentation on the western side, 5 meters back of the Mean High-water Line.		STATE & ZONE	CODE 1801	× 525,56	6.90	, 199,258.24	# 108 A ANGLE
Wark is a standard disc stamped "SQUID 1944" set in the ledge 1944 (1945) and the ledge 1944 (19	HOTOGRAFHS Asimuth	PLANE AZIUUTH HAS BEEN CON	PUTED BY THE & IC	,			
bine		TO STATIC	TOSTED RO NO		GEODETIC AZAMA (From septh)		SCREEK) CODE
Distances must be horizontal distances actually measured on the ground—not scaled.  Above distances measured by:  SQUID (Hancock County, Maine, F. L. P., 1944; I.R.R., 1956)  The station was recovered in good condition. The original description is adequate and complete. It is marked by a topographic disk, stamped "SQUID 1944."	n-93663-2 GFG						52 356

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

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 MAINE STATION 1122

BANGOR

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30'

#### ADJUSTED HORIZONTAL CONTROL DATA

DIAGRAM NL 19-11

NAME OF STATION: ST BERNARD

AA STATE

YEAR: 1860

THIRD

-ORDER

G- 6793

		STATÉ COORDINATÉS (Fzrz)		
STATE & ZONE	cone	×	٧	FICRA SI ANGLE
ME E	1801	605,135.73	207,920.68	+ 0°16′53
		-		

\* Flane azimuth has been computed by the |g| ica $\Delta$  |a| formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From sostb)	PLANE AZIMOTH * (From south)	EOOE
SCHOODIC	315 36 40.9	315 19 48	1801

51 440

ST. BERNARD (Hancock County, Maine, F.P.W., 1860) -- On a bare hill about a mile NW of Winter Harbor. A road leading to Winter Harbor passes along the western foot of the hill at a distance of about 1/4 mile from the station, and about 100 meters to the NW of the latter there is a clump of spruce trees.

The station is a hole drilled in a rock.

ST. BERNARD (Hancock County, Maine, F.P.W., 1860; Maine Geod.S., 1933) -- The station is on a hill about a mile NW of the village of Winter Harbor. Two roads ascend the hill and join to form a circle around the summit. These roads are seldom used but are passable for cars. The shorter one leaves the Winter Harbor to Summer Harbor road at a point a little over a mile NW of the Winter Harbor post office and the longer one leaves at a point about 1/8 mile NW of the post office.

A drill hole in a ledge at the highest part of the hill appears to be the station. About 20 meters SW of the hole are six iron rods in the ledge, these formerly having served to anchor an observation tower. The view is open to the S but is more or less obstructed by trees to the N.

Because of the roads and the more open nature of the hill, this station is more accessible than station ASH, a short distance to the N.

ST. BERNARD (Hancock County, Maine, F.P.W., 1860; K.G.C., 1934) -The station was recovered as described. It is on a hill about one
mile NW of Winter Harbor. A road to the summit leaves the Summer
Harbor road at a point a little over a mile NW of the Winter Harbor
post office. The station was marked when recovered by a drill hole
in the highest part of the bare summit ledge. It was re-marked and
two reference marks were established. The marks are standard bronze
disks wedged in drill holes in outeropping bedrock.

A pole was erected over the station in 1934 and cut in from

r stations to identily	the drill noie as	tue org acetron.
OBJECT	DISTANCE	DIRECTION
SCHOODIC	meters	0.0010010
R.M.No.1	8.422	102 10
R.M.No.2	7.450	202 27
R.M.No.1 to R.M.No.2	12.204	
HINGHOUT OF HEATHER		

ST. BERNARD (Hancock County, Maine, F.P.W., 1860; F.L.P., 1944)
--Station and reference marks
recovered in good condition as described by K.G.C. in 1934. Distances to reference marks were checked.

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY , NATIONAL GEODETIC SURVEY

## HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

STATION 1123

OUAD 440682 STATION 1123
MAI NE
LATITUBE 44 ° 0C' TO 44 ° 30'
LONGITUDE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

#### AD HISTED HODIZONTAL CONTROL DATA

			ADJUSTEL	J HORIZONTAL	CONTROL	AIA		
General locality Franchian Bay Sheet No. T-8583 distances and	PHIC STATION  line and air photograph reference reference polate:	NAME OF STATION: STAVE	YE	1944 AR:		THIR		яобя
Chet of mankFred. L. Peacock  181814 Dy. John M. Reinoldi  Checked by Herry R. Rudolph  Approximate elevation above high water mark 1 feet	sterly s T AVE	G~ 6939	44 °27 ′00.° 68 08 07.			SEXTED.	2	METER\$
Location method: TEXESTER SERVICE Theodolite, AMERICAN SERVICE TO THE Post and description. Station is located on the most northwesterly		GEODETIC LONGITUDE:	00 00 014	<b>304</b>		CAECO		FÊĒT
tip of Stave Island, on the flat ledge rock that is about 20 meters offshore in a northwesterly direction, on the	, JEAND			STATE COORDINATE	(Feat)			
highest part of ledge and 24 meters northwest of northwest / tip of grass line. Station is standard ropographic disc	• ,	STATE & ZONE	CODE	×		<b>Y</b>	Ø 108 Å	AI ANGLE
stamped "Shave, 1944", set in the ledge rock. NOTE: This mark may be stamped "Stave" instead of "Shave".		ME E	1801	595 ,212,5	7 225,	012.27	+ 0°	° 15′ 19 °
Object Distance Direction Assimuth Object In mode	FIABLE ON AIR PHOTOGRAPHS  OF Direction Asimoth  OO ,00'							
00, 00,	, [	PLANE AZIMUTH HAS BEEN CO	WANTED BY THE \$ 10	R∆ 41 FORMULA NEGLE	CTING THE SECOND 1	ERM.		
	1 '	TATZOT	TOSLEO RO POI	G	FOOETIC AZINUTH (From 50318)	FLANE AT		CODE
Distances must be horizontal distances actually measured on the ground—not scaled.					0 1 #		7	
Above distances measured by: REFERENCES: Topographs Mannel, perspans 184, 23, 33, 57, and page 82; Hydrographs Mannel, 2011.	15-31063-3 640	: }						
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	•							
							52 37	9
		·						

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY • NATIONAL GEODETIC SURVEY

## HORL NTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM OUAD 440682 MAINE

STATION 1124

LATITUDE 44 ° 0C, TO 44 ° 30, LONGITUDE 68 ° 00, TO 68 ° 30, DIAGRAM NL 19-11 BANGOR

NO TEXT

ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION:

MAINE

1875

THIRD

-ORDER

G- 6793

GEODETIC LATITUDE: 68 28 19.52 ELEVATION: WETERS GEODETIC LONGITUDE: 68 28 19.52

STATE COORDINATES (Feet)					
STATE & ZONE	CODE	×	٧	8 IORA GIANGLE	
ME E	1801	507.324.04	119,927.99	+ 0°01′10′	
		]			

\* Flane azimuth has been computed by the  $|\theta|$  ica $\Delta$   $|\alpha|$  formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMU (From 1021b)		HTUPISA BA	CODE
	. ,	•	0 7	
		l		
		ı		
	1	- 1		

POSITION DETERMINED BY DATUM DIFFERENCES

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SEP 1977 U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY . NATIONAL GEODETIC SURVEY

### HORIZUNTAL CONTROL DATA

National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682

STATION 1125 /

BANGOR

44 0 00/ TO LATITUDE 68 o OC, 10 68 o 30, LONGITUDE DIAGRAM NL 19-11

### NO ORIGINAL TEXT

SULLIVAN'S HOUSE, CHIMNEY NO.2 (Hancock County, Maine, F.P.W., 1860; K.G.C., 1934) -- This station is lost.

SULLIVAN'S HOUSE, CHIMNEY NO. 2 (Hancock County, Maine, F.P.W., 1860; F.L.P., 1944) -The station is lost. There is no house in the plotted position of the sta-

tion. Fora 526 (11-8-55)

U.S. DEPARTMENT OF CONMERCE - COAST AND GEODETIC SURVEY RECOVERY NOTE, TRIANGULATION STATION

ĸ

R

К

NAME OF STATION: SULLIVAN CHIMNEY NO. 2

ESTABLISHED BY: R.P.W. YEAR: 1860 STATE: Maine YEAR: 1964 COUNTY: Hancock RECOVERED BY: C.F.Merrian

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent facts:

Letter of Mr. Carroll F. Merriam, Prospect Harbor, Me., dated July 19, 1964:

The published coordinate for the station agrees perfectly with the belfry of the church in Sorrento which at one time was part of Sullivan. The belfry is short and stubbed and could easily be mistaken fro a white painted chimney. The location is not far from the home of General Sullivan, which fact may possibly have given rise to the mistake. Established a ground station near the church and fine the published coordinate well confirmed. The station should not be considered lost as noted in previous reports. The station is the Sorrento Methodist Church on State Route 185, and

(11-8-55)

U.S. DEPARTMENT OF COMMERCE - COAST AND GEODETIC SURVEY RECOVERY NOTE, TRIANGULATION STATION

INTERSECTION

BENCH MARK(S) ALSO

NAME OF STATION: SULLIVAN'S HOUSE, OHIMNEY NO. 2 ...... ESTABLISHED BY: YEAR: 1860 STATE: Maine RECOVERED BY: N.C.S. YEAR: 1965 COUNTY: Hancock

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent facts: While this station is not definitely recovered, Mr. Carrol F. Merriam believes that the fact that it plots on the white cupola on the Union Church, built in 1845, which is 0.5 mile east of the intersection of U.S. Highway 1 and Sorrento Road and diagonally across from the Sullivan School, and because of its shape and size could easily have be en mistaken for a chimney at a distance, that this is the station, and perhaps should read SULLIVAN, HOUSE OHIMNEY, NO. 2 , especially as SULLIVAN'S HOUSE OHIMNEY NO. 1 is considerable distance away and also plots on a similar cupola on a church in Sorrento.

> RECOVERY NOTE, TRIANGULATION STATION QUAD 440682 INTERSECTION

NAME OF STATION: SULLIVAN'S HOUSE, CHIMNEY NO. 2 ESTABLISHED BY: F.P.W. YEAR: 1860

RECOVERED BY: N.C.S.

YEAR: 1968

STATE: Maine

COUNTY: Hancock

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 1.3 miles northeast of Sorrento

Detailed statement us to the fitness of the original description; including marks found, stampings, changes made, and other pettinent facts: Considered lost since 1934, Mr. Carroll F. Morriam believes this to be the short belfry on the Sorrento Community Church about 100 feet west of State Highway 185 on Waukeag Neck (eastern side), which from a distance resembles a chimney. He has used the point for local control, and found its position to agree with the published position. Sorrento was once a part of Sullivan, and the name probably should have been SULLIVAN, HOUSE CHIMNEY NO. 2. To reach from the junction of U.S. Highway 1 and State Highway 185 in Sullivan, go south on 185 for 1.7 miles to the church on the right.

(Continued next page)

#### ADJUSTED HORIZONTAL CONTROL DATA

SULLIVANS HOUSE CHIMNEY 2

STATE.

THIRD

-ORDER

44 29 25:00 GEOGETIC LATITUDE: ELEVATION WETERS 68 10 08.92 GEODETIC LONGITUDE: FEET

STATE COORDINATES (Feet)					
STATE & ZONE	CODE	×	٧	BIOR A BANGLE	
ME E	1801	586,336.14	239,638.26	+ 0°13′55′	
		İ		Í	
		j		[	

 $^{ullet}$  plane azimuth has been computed by the  $\,$  8 (of  $\Delta$  =1) formula neglecting the second term.

TO STATION OR OBJECT	GEODÉTIC AZIMUTH (Fram south)	PLANÉ AZIMUTH (From south)	CODE
	0 , "	0 , "	
		1	
	j		

POSITION DETERMINED BY DATUM DIFFERENCES

SEP 1977 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY

by the NATIONAL GEODETIC SURVEY **NORTH AMERICAN 1927 DATUM** 

QUAD 440682 STATION 1125 LATITUDE LONGITUDE DIAGRAM ' TO

SULLIVANS HOUSE CHIMNEY 2 (Continued)

RECOVERY NOTE, TRIANGULATION STATION Sullivan's House Chimney No. 2
NAME OF STATION: (Sorrento Methodist Church Cupola)

ESTABLISHED BY: F.P.W. YEAR: 1860 STATE: Maine BENCH MARK(S) ALSO TRECOVERED BY: L.F. Smith YEAR: 1970 COUNTY: Hancook

Airline Distance and Direction from Nearest Town: In Sorrento

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent facts:

Station was recovered in good condition; it was incorrectly named originally. Mr. C.F. Merriam of Prospect Harbor has been working on a project of establishing a network of control survey in the area for many years, and when he positioned the Sorrento Methodist Church Cupola he found that the coordinates coincided exactly with those published for Sullivan's House Chimney No. 2. Station is the square, white oupola, with black pyramid roof, on white church building in the village of Sorrento.

NOTE: This church and the East Sullivan Union Church are almost identical in appearance from a distance, and this is probably the reason for the misidentification of these intersection stations.

# JUL 1977 U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY NATIONAL GEODETIC SURVEY

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM 440682

STATION 1126

MAINE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30' DIAGRAM NL 19-11 BANGOR

TENT(Hancock County, Maine, F.L.P., 1944) -- Station is located on the northern side of Pattens Bay about 2 miles east of Surry, 1 mile west of Weymouth Point, about 700 meters east of Contention Cove that makes up to the Highway, on a small point in the general trend in the shareline, 2 meters back of the Mean High Water Line, and about 2 meters southwest of a 3 foot boulder on beach. Mark is a standard disc stamped "TENT 1944" set in ledge rock.

southwest of a 3 foot boulder on beach. Mark is a standard disc stamped Object Distance Direction in meters 00° 001 M. H.W. LINE Southwest M. H.W. LINE Southeast U.S. DEPARTMENT OF CONMERCE - COAST AND SECRETIC SUBVEY RECOVERY NOTE, TRIANGULATION STATION R NAME OF STATION: YEAR: 1944 STATE: Maine YEAR: 1956 COUNTY: Hancock ESTABLISHED BY: F.L.P. RECOVERED BY:\* I.R.R. Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent facts: The station was recovered in good committion. The published description is adequate and complete. It is marked by a topographic disk stemped TENT 1944. RECOVERY NOTE, TRIANGULARION STATION QUAD 440682 TOPOGRAPHIC R NAME OF STATION: TENT YEAR: 1934 ESTABLISHED BY: F.L.P. STATE: Maine BENCH MARK(5) ALSO YEAR: 1968 county: Hancock RECOVERED BY: N.C.S. AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 1.9 miles east of Surry Detailed statement as to the fitness of the original description; including marks found, stampings, charges made, and other pertisent facts: Located on the northern side of Patten Bay, 1.9 miles east of Surry, 0.5 mile east of Contention Cove, 0.2 mile south of State Highway 172, 360 feet west along the shore from the dock at the "Gatherings", about 8 feet southwest of a round 4-foot diameter boulder that sets on exposed bedrock. A standard topographic disk stamped TENT 1944, set in a drill hole in ledge 6 feet north of high water line. To reach from Surry, go east on State Highway 172 for about 2 miles to a dirt road on the right at a large sign "The Gatherings", turn right and go past the office and lunch room, continuing southward to the dock (about 0.2 mile) and the station on the right. Form Approved Budget Bureau No. 41-R1923 REPORT ON CONDITION OF SURVEY MARK Year Established: Name or Designation:... Organization Established by: USCGS Maine Hansosk Distance and direction from nearest town: 2 miles east of Surry village Description published in: (Line, book, or quadrangle number) \_\_\_\_ Mark searched for or recovered by: Name - Casey Dodge Organization - Herrick & Salabury Inc. Address - Blue Hill, Maine Ombli Date of report Oct 1973 Condition of marks: List letters and numbers found stamped in (not cast in) each mark, Conditions Mark stamped: TENT 1914

Please report on the thoroughness of the search in case a mark was not recovered, suggested changes in description, need for respiring or moving the mark, or other pertinent facts:

Mark is on the property of the Oatherings empground. Station Union is visible from station Test.

ADJUSTED HORIZONTAL CONTROL DATA

TENT

OBS BY CGS

MAINE

1944

THIRD

G-06853

GEODETIC LANTITUDE: 44 °29 '22 592800 ELEVATION: 6 WETERS GEODETIC LONGITUDE: 68 27 39.36100 SCALED FEET

STATE COORDINATES (Feet)						
STATE & ZONE	CODE	×	٧	8 109 A GI ANGLE		
ME E	1801	510,194.40	239,256.20	+ 0°01′39″		

 $^{ullet}$  flane azimuth has been computed by the  $\,$  8  $\,$  icr $\Delta$  at forwula neglecting the second term,

TO STATION OR OBJECT	GEODETIC AZIVUTH (From scuth)	PLANE AZIMUTH (From south)	COOE
SURRY WDEA NORTHEAST HAST SURRY WDEA SOUTHWEST MAST	14°50'29.3 16 00 29.8	14°48′51° 15 58 51	1801 1801

THESE DATA ARE OBTAINED FROM ADJUSTMENT OF 1946

WD 083

SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY , NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM DUAD 440682 STATION 1127
MAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

							TINK		_ ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
DEPARTMENT OF COMMI U. A. COUT NO STORTE BAR FORM SI BOY, May 1834	ERCE .	DESCRIPTION OF	RECOVERABLE TO	POGRAPHIÇ STATION	·	NAVE OF	MAINE	¥	1944 EAR:			THIR		RDĒR
Name TIRE General locality Blue Locality Tinker Id.	Hill Bay, Me. (S. end) Date	Year 1944 Sheet No. T- m N.A. 1927	Sketch ( -8588 distant	for shoreline and air photog ness and reference points: NKER ANDAKKAF	graph reference	SOURCE:	G- 6853							
Chief of party Fred. Listakby Buth B. Checked by Baymond Approximate elevation	Rudolph Glaser shove high-water mark 4	iO feet		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1944		ric Latitude: ric Longitudei	44 °15 ′56. 68 28 15.			ξt	XCEO	7	METERS FEET
Detailed description: 5	tation is standar of ledge on S.S.	d diek set in end of Tinks	r Island.						STATE COORE	INATES (Feet	)		·	
extreme S.W. ti	are top ledge on p of island and l . It is about 4: . of M.W. corner destroyed.	i5' evergreen 2 m. from Shed	to M. and	. <	and the	ME	STATE & ZONE	1801	× 507,60	8.35	157,5	67.36		81 ANGLE*
	NE BEFEBENOE DISTANCE Distance Distance Distance OO' OO'	Asheath	REFERENCE POINT Object	B IDENTIFIABLE ON ARE PH	Asimuth	FLAN	E AZIMUTH HAS BEEN CC	MPUTED BY THE #	ORA GIFORWILL	NEGLECTING	THE SECOND TES	io.		
W'H'A' (spont)	132 m. E						TOSTAT	ION OR OBJECT			C AZIWUTH	PLANE AZ (From se		CODE
													52 344	4

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

## HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1128
NAT NE
LATITUDE 44 000 TO 48 030
DIAGRAM NL 19-11 BANGOR

				ADJUSTE	D HORIZONTAL CO	NTROL DATA		
DEPARTMENT OF COMMERCE OR COLT NO OCCUPY PRINT Ext. May 184	description of recoverabl	LE TOPOGRAPHIC STATION	NAVE OF STATION:  HAINE STATE:	¥i	1944 sar:		THIRD	-OADER
Same TOW, 1944 Seneral locality Mt. Desert Islamocality Her Pt., Little Graph Distributory Fred. L. Peacock Same by Florence M. Hammond	nd Sheet No. T-8586 M. eriktum R. A. 1927	retch for shoreline and air photograph reference distances and reference points: THE (AMBERN)  AMBRE X X X X X X X X X X X X X X X X X X X	G- 6939 : SOUNT BSERVATIO	ON CHECK ON T	HIS POSITION			-Unstr
hecked by Harry R. Rudolph pproximate elevation above high-water ocation method: FEXTER/SAIST, TI etailed description: Station is c	mark feet heodolite, AKKEMBERGEREEK	POINT POINT	GEODETIC LATITUDE: GEODETIC LONGITUDE:	44°15′19. 68 12 49.		ELEVATIO	N:	METERS FEET
	est Guerd neadquerters	W. 1344 W. 3			STATE COORDINATES (Fee	re)		
steal flag tower near by.	<b>i</b>	TOWN, 1844 MASS	STATE & ZONE ME E	coo∉ 1801	× 574,990.35	154 003	1	A O ANGLE
	•			1801	2141440122	154,003.	86   +	0° 11′ 59
	rection Asknoth Object	OINTS IDENTIFIABLE ON AIR PHOTOGRAPHS Distance Direction Assemble	,					
	00'	00, 00,	PLANE AZIMUTH HAS BEEN	CONFUTED BY THE 8 40	ORA 41 FORMULANEGLECTIN	G THE SECOND TERM,		
	-	·	105	TATION OR OBJECT			LANE AZIMUTH * (From south)	CODE
	actually measured on the ground—not scale				ļ °	· '		
` <del></del>			_1					
	k County, Maine, F. L. P., 19 Station was:	recovered as described ex-			ŀ	ļ		
cept that build1	ng is no longer owned by	the Coast Guard.	;					
*								
							52 3	64

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1922 DATISM QUAD 440682 MAINE

STATION 1129

LATITUDE

44 ° 00' TO 44 ° 30' LONGITUDE 68 0 00' TO 68 0 30'

DIAGRAM NL 19-11 BANGOR

TOWNSEND (Hancock County, Maine, J. W. D., 1875; 1911) -- On the summit of Big Mountain, Swan Island, about a mile E of Burnt Coat Harbor, 1 1/2 miles NE by N of Stanley Point, and 1/4 mile SE of the road leading to the village of Atlantic.

The station is marked by a copper bolt set in a hole in a

Two reference marks, 3/4-inch drill holes filled with lead are placed respectively, 5.55 meters W and 12.70 meters SW of the station.

TOWNSEND (Hancock County, Maine, J.W.D., 1875; K.G.C., 1934) -- Station was recovered, but the description is only partially correct at present. As the copper bolt station mark and drill hole reference marks were in good condition, they were not disturbed. Two new reference marks were set, standard bronze disks wedged in drill holes in outcropping bedrock.

Station is on the summit of Big Mountain, Swans Island, about 1 mile E of Burnt Coat Harbor, about 1/2 mile W of Goose Pond and about 1 1/2 miles S of the church in the village of Atlantic. Station is on a high flat ledge in a partially open space.

Reference mark No.1 is in a low ledge S of the highest point, and reference mark No.2 is in a low ledge E of reference mark No.1, and drill hole No.2 is in a boulder about 5 feet high SW of the station.

The station is most easily reached from Burnt Coat Harbor. Land at Johnsons fish wharf; from wharf, follow road N about 1/2 mile to schoolhouse then take right fork, follow about 150 meters E. then take old woods road left. Follow NE about 3/4 miles to top of mountain, then turn W thru woods 150 meters to station.

A 40-foot tower was	erected.	
OB JECT'	DISTANCE	DIRECTION
BASS HARBOR	meters	000010010
Drill Hole No.1	12.692	162 48 50
R.M.No.1	12.040	180 26 52
Drill Hole No.2	5.530	224 04 52
R.M.No.2	13.518	246 06 27
R.M.No.1 to R.M.No.2	13.928	
Drill Hole No.1 to		
R.M.No.1	3.850	•

TOWNSEND (Hancock County, Maine, J. W. D., 1875; F. L. P., 1944)'
--Station recovered in good condi-

tion. Reference marks were recovered intact but marks are somewhat battered and slightly defaced. Description is adequate except for following addition to the routing to reach station "in following roads through woods, bear hard left at small abandoned rock quarry at about 1/4 mile point, and take right hand road at forks at about 1/2 mile point. Reference marks measured measured and checked.
TOWNSEND (Hancock County, Maine, J. W.D., 1875; I.R.R., 1956)

-The station mark, reference marks 1 and 2, and the two drill hole reference marks were recovered in good condition. The distances to the reference marks and drill holes were verified. The 1934 recovery note by K.G.C. is adequate and complete with the following additions:

The station mark is a copper bolt surrounded by lead. Reference marks 1 and 2 are standard disks, stamped "TOWNSEND 1875 1911 1934 NO 1 and NO 2," respectively. The disks are slightly

The drill hole reference marks are nails set in drill holes surrounded by lead.

To reach the station from the schoolhouse, go about 500 ft. N-NE along a trail back of the schoolhouse to a fork in a trail leading NE, take right fork for about 1000 ft. to an abandoned rock quarry, thence take left fork of trail for about 2000 ft. to the top of a mountain, thence turn Ny through an open area about 500 ft. to the station site.

ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION

1875

SECOND

G- 6053

GEODETIC LATITUDE: GEODETIC LONGITUDE:	44 °08 '5 9.709 68 25 28.254	\$EXTES:	66	METERS FEET
---	---------------------------------	----------	----	----------------

STATE & ZONE	CODE	x	Y	# IDRA AI ANGLE
ME E	1801	519,811.87	115,404.67	+ 0°03′09

 $^{\circ}$  plane azimuth has been computed by the |s| ior  $\Delta$   $|\mathfrak{o}|$  formula neglecting the second term.

TOSTATION OF TOSTATE OT	GEODETIC AZIMUTH (From saxib)	PLANÉ AZIVUTH * (Fran Kazik)	CODE
BASS HARBOR	220 41 11.82	220 38 03	1801

Station recovered as describedi

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

#### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

MAINE

G- 6793

GEODETIC LATITUDE:

GEODETIC LONGITUGE:

STATION 1130

QUAD 440682 STATION 1130
MAINE
LATITUDE 44 0 00, TO 44 0 30,
LONGITUDE 68 0 00, TO 68 0 30,
DIAGRAM NL 19-11 BANGOR

THIRD

ELEVATION:

-ORDER

METERS

#### ADJUSTED HORIZONTAL CONTROL DATA

TRENTON MOUTH OF JORDAN R CH

SOUNDS: OBSERVATION CHECK ON THIS POSITION

44 °27 ′07.07 68 22 03.43

1934

TRENTON, MOUTH OF JORDAN R Maine, K.G.C., 1934) The tall ch on the W side of the mouth of t	urch ar	ire on H	ighway 3	ock County, in Trenton	
TRENTON, MOUTH OF JORDAN RI Maine,K.G.C., 1934;I.R.R., 1956). -The station was recov original description is adequate	ered in				
TRENTON, MOUTH OF JORDAN HIV Maine, K.G.C., 1934; F.L.P., 1944) Station recovered as described by good condition. According to resolute, the spire has not been of	K.G.C	. in 1934 living ne	Spire	is in	
RECOVERY NOTE,	TRIANGU		ersection Ation	1	<b>R</b>
AE OF STATION: TRENTON, MOUTH OF JORDO ABLISHED BY G. A., F. OVERED BY M. R. B'10knell YEAR: 186 LINE DISTANCE AND DIRECTION FROM NEAREST YOW ONLY OF TELESCOPE ABOVE STATION MARK  FEET	S STATE COUNT N: In En	Maine ryHancock renton	BE	NCH MARK ALSO []	ετ.
DISTANCES AND DIRECTIONS TO AZIMUTH MARK, REF FROM THE GRO	ERENCE MA	RKS AND PROKI	ENT OBJECTS	SHICH CAN BE SEEN	_]
ОВЈЕСТ	BEARING		ANCE METERS	DIRECTION	
				• • "	

		STATE COOR	DINATES (Fee	1)			
STATE & ZONE	CODE	×		٧		8 ICRA	ar ANGLE
ME É	1801	534,56	57.06	225,5	24.93	+ 0°	05′34°
FLANE AZIVUTH HAS BEEN	CONSUTED BY THE BIO	R∆ ¢+ FORMULA	A NEGLECTINE	G THE SECOND TER		1	
10 97/	ATION OR OBJECT			TIC AZIWUTH	PLANE A:		CODE
				,	۰		
							;

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

#### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1131
MAINE
LATITUDE 44 000' TO 44 030'
EDOGITHE 68 000' TO 68 030'

#### ADJUSTED HORIZONTAL CONTROL DATA

DIAGRAM NL 19-11

TRENTON POINT

MAINE

1865

SECOND

PAGES-

G- 6053

0500ETIC LATITUDE: 44 °27 ′59 €80 2 ELEVATION: 59 WETERS GEODETIC LONGITUDE: 68 18 19 €854 SCALED FEET

STATE & ZONE	CODE	×	Y	BIONY BINNER
1E E	1801	550,771.01	230,896,89	+ 0°08′10

FLANE AZIMUTH HAS BEEN COMPUTED BY THE  $\,\, heta\,$  IOR $\,\Delta\,$  4). FORMULA NEGLECTING THE SECOND TERM,

TO STATION OR OBJ€CT	GEODETIC AZIAUTH (From soath)	PLANE AZIMUTH * (From 602th)	CODE
MARLBORO	232 26 55.9	232 18 46	1801
			1

51 271

TRENTON POINT (Hancock County, Maine, 0.A.F., 1865; 1911) -- Near the summit of the hill in the upper part of the point of that name, about midway between Raccoon Cove and Berrys Cove, and about 1/2 mile NE of the road leading to Lemoine. The station is 8 paces W of a fence and between two smell clumps of spruce trees (four trees in the northern clump and three in the southern). Lamoine is about 2 miles NW of the station. The station was originally marked by a copper bolt set in a hole in a rock but in 1911 the bolt had been removed, leaving only the drill hole as the mark. It now has a small pile of stones over it.

TRENTON POINT (Hancock County, Maine, G.A.F., 1865; K.G.C., 1934) -- Station recovered as described.

Land is owned by Melvin Wilbur at the station, on the E side of fence it is owned by G.W. Thompson of Bangor.

Station and reference marks are standard bronze disks wedged in drill holes in outcropping bedrock.

Station mark is in a juniper-covered boulder 175 feet N of center of woods road at E end of clearing and 27 feet W of rail

Reference mark No.1 is in a moss-covered boulder 57.22 feet SE of station and 30 feet E of rail fence.

Reference mark No.2 is 53.83 feet S of station and 20 feet W of rail fence. It is in a 2 1/2- by 3 1/2-foot round boulder, which is 1 1/2 feet above ground and juniper covered.

From junction of Highways 1 and 3 (1 mile S of Elleworth) follow Highway 1, 1 mile and turn S onto Highway 184 and follow 1/2 mile nearly to top of hill and take dim woods road E between two gravel pits, follow 0.4 mile to E edge of clearing.

A 50-foot signal was us	ed.	
OBJECT	DISTANCE	DIRECTION
MARLBORO	meters	00010010
R.M.No.1	17.440	71 02 42
R.M.No.2	16.406	138 30 00
R.M.No.1 to R.M.No.2	18.890	

TRENTON POINT (Hancock County, Maine, G.A.F., 1865; F.L.P., 1944)

-Station and reference marks recovered in good condition. Distances to reference marks measured and checked. Description is adequate, except clearing is beginning to become overgrown, and there are numerous rocks lying loose around the station.

TRENTON POINT (Hancock County, Maine, G.A.F., 1865; I.R.R., 1956)
mark and reference marks 1 and 2 were recovered in good condition. The distances to and between the reference marks were verified. The 1934 recovery note by K.G.C. 1s adequate with the following

The rail fence referred to is no longer in existence.

The station mark is stamped "TRENTON POINT 1865 1934."
Reference mark 1 is stamped "TRENTON POINT 1934 NO 1."
Reference mark 2 is stamped "TRENTON POINT 1934 NO 2."

JUL 1977 U, S, DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY . NATIONAL GEODETIC SURVEY

### INTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

440682 MAINE

STATION 1132

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 º 00' TO 68 0 30' DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

UNION

OBS BY CGS

MAINE

STATE:

1934 VEAR:

SECONO

- ORDER

G-06053

GEODETIC LATITUDE: GEODETIC LONGITUDE:	44°27′51.32600 68 25 46.42700	\$ CATED:	1	₩ETERS FEET	
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·				
STATE & ZONE	COD€	×	Y	# IOR A PI ANGLE
HE E	1801	518,388.56	229,986.18	+ 0°02′58
	1 1			
	1 1			

 $^*$  plane azimlith has been confuted by the  $\,$  b  $\circ$ ca  $\Delta$   $\,$   $^{\mathrm{d}}$  forwula neglecting the second team.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	FLANE AZIMUTH * (From south)	CODE
	0 7 4	0 / 1	
HAYNES	2 56 38.5	2 53 40	180
	1	: 1	

THESE DATA ARE OBTAINED FROM ADJUSTMENT OF 1944

WO 086

UNION (Hancock County, Maine, K.C.C., 1934) -- In Trenton Township on the E bank of Union River Bay, 1/2 mile S of the small cove at Bayside and 1 1/4 miles SSE of Weymouth Point. It is on a prominent rocky point, with grass on it, about 700 feet S of a small cottage. There is a small independent of the grant of the state of the grant of the state of the grant of the state of the state of the grant of the state of the There is a small indentation which divides the general point into two smaller points. The station mark is on the most northerly of the two, 6.4 meters E of the W edge, 2 meters N of the S edge and 15 meters W of the tree line. Three iron bolts which held the tripod should facilitate the recovery of the station.

The station and reference marks are standard bronze disks

wedged in drill holes in outcropping bedrock.

Reference mark No.1 is 8 meters E of the W edge, and 12.2 meters N of the S edge. Reference mark No.2 is 2 meters E of the

W edge, and 0.4 meter N of the 3 edge.
To reach from Ellsworth post office, go S 5.6 miles on the road running along the E side of the river and turn into dirt road between two houses. Follow 15 miles and take left fork. Continue 0.15 mile, passing two driveways which turn off to the right, at a post with iron brackets. Stop at cottage on the shore and walk, S along the high-water line to the second point, about 700 feet from the cottage.

Distance and direction from traverse between Union and BLUFF POINT.

OBJECT	DISTANCE	D	CREA	CTIO	1
HAYNES	feet	0,	900	1001	Œ
R.M.No.2	16.39	69	11	51	
*BLUFF POINT	356.93	165			
R.M.No.1	34.05	193			
R.M.No.1 to R	M.No.2 45.40				
Height of light	nt above station mark 2 me	tera.			
Height of tel	escone above station mark	- 1 mete	am.		

UNION (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944) (Previous Station and reference marks recovered in good condition as described by K.G.C. in 1934, except that it is now more easily reached by going S from Elismorth Post Office 5.45 miles on the road that runs down the E side of Union River Eay, and tumns right on gravel road. Follow for 0.25 mile to a white shingled summer home, now owned by Mr. H.C. Stratton of Ellsworth. Station is 6-1/2 inches W of the W edge of the porch on the

W and seaward side of the house, and it is 2-1/4 inches N of the N edge of the steps leading up to the porch.

Distances to reference marks were checked and found correct.

m of Station: UNION

State: Maine

Countys Hancock

Reference mark 2 is west of the station, 30.0 feet east of MHWL and 8.4 feet south of a miniature lighthouse. It is marked by a standard disk stemped UNION NO 2 1934 set in ledge rock.

To reach the station from the post office in Kilsworth, go 5.5 miles south along Maine State Highway 230 to a private gravel road leading west, turn west on this road and proceed 0.25 mile to a white-shingled summer house and station site.

(Continued on next page)

SEP 1977 U.S. DEPARTMENT OF COMMERCE HATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY

**HATIONAL GEODETIC SURVEY NORTH AMERICAN 1927 DATUM** 

by the

UNION (Continued)

UNION (Hancock County, Maine, K.G.C., 1934; I.R.R., 1956) (Pre--The station mark, reference marks 1 and 2, and triangulation station BLUFF POINT were recovered in good condition. The distances to the reference marks were verified. The original description is inadequate for

recovery. A complete new description follows: The station is located about 5.5 mi. S of Ellsworth, on the E shore of Union River Bay, 1.3 mi. S-SE of Weymouth Point, and 0.5 ml, S of Mill Cove. It is on the property of Mr. Releigh L. Ingalls, 45.0 ft. E of mean high-waterline, 0.7 ft. W of the W edge of a porch on the W and seaward side of Mr. Ingalls' house, and 0.2 ft. N of the N edge of steps leading up to the porch.
The station mark is a standard disk, stamped "UNION 1934" set in ledge rock.

Reference mark 1 is N of the station, 50.0 ft, E of mean high-waterline, and 17.1 ft. NE of NW corner of the porch. It is marked by a standard disk, stamped "UNION NO 1 1934" set in ledge

Reference mark 2 is W of the station, 30.0 ft. E of mean high-waterline, and 8.4 ft. S of a miniature lighthouse. It is marked by a standard disk, stamped "UNION NO 2 1934" set in ledge

To reach the station from the post office in Ellsworth, go 5.5 ml. S along Maine State Highway 230 to a private gravel road leading W, turn W on this road and proceed 0.25 ml. to a whiteshingled summerhouse and the station site.

#### RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION:	UNION			
ESTABLISHED BY:	K.G.C.	YEAR: 1934	STATE: Maine	BENCH MARK(S) ALSO 🔲
RECOVERED BY:	N.C.S.	YEAR: 1934 YEAR: 1968	COUNTY: Hancock	
AIRLINE DISTANCE	and Direction from Ne	LREST TOWN:	5.4 miles south o	f Ellsworth

Detailed statement as to the fitteess of the original description; including marks found, stampings, changes made, and other pertinent facts:

Station and reference marks were recovered in good condition as described in 1956. Er. Ingall's house is now called "Whitecaps", and is so marked by a sign at the junction of State Highway 230 and Mr. Ingall's private gravel road. Ingall's Light, the minature lighthouse about 4 feet tall, in the garden in

-		Year Established: 1934  Organization Established by: USCO	
Distance and direction from neares	st town: 5.6 miles S.of	Ellaworth Federal Blgd	
Description published in: (Line, 1	book, or quadrangle number)	T wy	
		·	
Oat 1072	Organization - Herrick Address - Blue Hill,	& Salsbyry Inc. Maine Ohfili	
	and numbers found stamped in (not		
Condition of marks: List letters s	nd numbers found stamped in (not		

A small sottage has been built 5 feet to east of mark. Mark is accessible.

440682 STATION 1132 . QUAD 1 10 LATITUDE ٥ LONGITUDE , 10 DIAGRAM

R

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

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 HAINE

STATION 1133

44 0 0Cr TO 44 0 30r LATITUDE LONGITUDE 68 0 0C, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

WEST PEAK (Hancock County, Maine, K.G.C., 1934) -- On the highest point of the mountain known as Western Peak or Bernard Mountain which is the most westerly of the range of mountains on Mount Desert Island. At the time the station was established the land was in the process of being transferred from private to government

Station and reference marks are standard bronze disks wedged in drill holes in outcropping bedrock. The station mark is on the very highest point of the summit, on a flat bare ledge and about 125 feet N.of a small summer house built of native timber and chained to the rock.

Reference marks No.1 and No.2 are on the same bare ledge as

the station, No.1 being S and No.2 WSW of the station.

To reach the station from the junction of Highways 198 and
102, go S on Highway 102 about 5 1/2 miles and take paved road right
at sign "Great Pond Camp CCO." Zero speedometer here and proceed as follows: At 0.6 mile take right fork; at 1.0 take gravel road left at sign "Town Dump"; at 1.1 keep right fork at sign "Town Dump"; at 1.2 keep main left fork; at 1.7 stop at traffic circle. From here walk about 100 yards W on the road to a sign post with several signs marking the various trails. Follow the Gilly Trail to its junction with the Circular Trail; follow the Circular Trail to a sign "Middle Summit" and take the Trail left as indicated by this sign to the summit.

OBJECT DISTANCE DIRECTION NASKEAG meters 0.00 0000 R.M.No.2 7.294 11 33 30 R.M.No.1 9.353 292 30 36 R.M.No.1 to No.2 10.710

Height of light above station mark - 7 meters. Height of telescope above station mark - 6 meters.

WEST PEAK (Hancock County, Maine, K. G. C., 1934; I.R.R., 1956) -The station mark and reference marks 1 and 2 were recovered in good condition, The distances to the reference marks and between the reference marks were verified. The original description is adequate with the following additions:

The station mark is a standard disk, stamped "WEST PRAK 1934."

Reference mark 1 is a standard reference-mark disk, stamped "WEST PEAK 1934 NO 1." Reference mark 2 is a standard reference-mark disk, stamped "WEST PRAK 1934 NO 2."

WEST PEAK NAME OF STATIONS

1934

SECOND

-osnes

G- 6053 SOURCE:

GEODETIC LATITUDE: 44 °18 '08 *842 68 22 21.992	SCATED: 32	6 WETERS
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	STATE COORDINATES (Feet)	1	
CODE	×	*	BIOR A GI ANGLE
1801	533,305.34	171,023.45	+ 0°05'20'
	1	CODE X	

 $^{\prime}$  plane azimuth has been computed by the ~s ior  $\Delta$  41 forbula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From 1011b)	PLANE AZIVUTH (From scath)	CODE
NASKEAG	59 50 53.5	59 45 34	1801

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

### HORIZONTAL CONTINUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1134
MAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

## NO ORIGINAL TEXT

WEST TRENTON UNION CHURCH (Hancock County, Maine, G.A.F., 1865; K.G., 1934) -- According to local residents the church has remained unchanged for over 100 years. It has a small white sharp appropriate which is now obscured by high trees. It is about 240 meters SE of station WEST TRENTON.

WEST TRENTON UNION CHURCH (Hancock County, Maine, G.A.F., 1865;
F.L.P., 1944),
Station recovered
as described by K.G.C. in 1934. The spire is in good condition,
According to local information, the spire has not been changed
except for minor repairs since it was built.

(A.R.B., 1975) -- Recovered as described

#### ADJUSTED HORIZONTAL CONTROL DATA

ANE OF	STATION:	WEST	TRENTON JNION	CHURCH	47.53	73.F
FATE:	MAINE		YEAR:	1865	THIRD	000

G- 6793

GEODETIC LONG	44 °26 ′13,*696 68 24 03,255	ELEVATION:	NETERS FEET

STATE COORDINATES (Feet)				
CODE	×	٧	PIORA DI ANGLE	
1801	525,882.34	220,108.08	+ 0° 04′ 10	
		CODE X	CODE X Y	

\* FLANE AZIMUTH HAS BEEN COMPUTED BY THE  $\# \cos \Delta = \text{forwula neglecting the second term.}$ 

TO STATION ON CEJECT	GEODETIC AZIMUTH (From tostb)	PLANE AZIMUTH (From sozih)	CODE
	o , , ,	0 , "	,

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

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAG 440682 MAINE STATION 1135 44 0 OC! TO 44 0 30! LATITUDE LONGITUDE 68 0 00, TO 68 0 30, DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

WEST TRENTON (Hancock County, Maine, K.G.C., 1934) -- On summit of flat-topped hill about 1/2 mile NW of head of Goose Cove, about 0.2 mile NW of West Trenton Union Church and about 1 1/4 milesE of Union River Bay. Top of hill has been partly excavated for gravel and several piles of rubbish are in immediate vicinity. Station and both reference marks are in a fairly open area and about 100 yards SW of road running NW and SE from Goose Cove to Union River Bay. It is on property owned by George M. Hopkins who lives 0.3 mile SE of station.

Station and reference marks are standard bronze disks wedged in drill holes in outcropping bedrock.

To reach from Ellsworth, go 8 8 1/2 miles on Highway 3 from junction of Main and High Streets and then right at sign "Oak Point." Follow 1.4 miles, turn right at Mr. Hopkins home, continue 0.3

mile (0.1 mile past church), turn left about 100 yards to station.

OBJECT

TRENTON POINT

Meters

O'00 0070 DIRECTION 0 00 00 00 186 32 47 R.M.No.1 14.690 R.M.No.2 13.502 242 01 45 R.M.No.1 to R.M.No.2 13.158 Height of light above station mark - 13 meters. Height of telescope above station mark - 12 meters.

100 yards to the W.

WEST THENTON (Hancock County, Maine, K.G.C., 1934; F.L.P., 1944) --Station was not found. A thorough search was made of the vicinity, with the aid of a local resident who remembered the tower over the station in 1934, but does not recall seeing any of the bronze markers. The ground in the vicinity has had gravel hauled away from it, rubbish dumped on it, and is covered with a thick 10-foot deciduous brush. No ledge rock was found on the hill, only boulders and gravel. The station may still be there but if so, it is well covered up. The only reference (besides the disks that were not found) is a road about

**WEST TRENTON** NAME OF STATION 1934 SECOND STATE: YEAR: - ORDER

G- 6053

44 26 17:065 46 GEODETIC LATITUDE: WETERS SCAUED 68 24 13.680 GEODETIC LONGITUDE: FEET

State Coordinates (Feel)				
STATE & ZONE	CODE	×	Y	BION DI ANGLE
ME É	1801	525,125.59	220,448.32	+ 0°04′03″

PLANE AZIMUTH HAS BEEN CONFUTED BY THE | heta| formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIVUTH (From south)	PLANE AZIMUTH *  (From south)	CODE
TRENTON POINT	247 54 00.93	<b>2</b> 47 49 58	1801

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

### HORIZONTAL CONTRUL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1136
MAINE
LATITUDE 44 ° 0C; TO 44 ° 30;
LONGITUDE 68 ° 0C; TO 68 ° 30;
DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

WHEELER (Hancock County, Maine, F.P.W., 1860) -- On the highest part of round Porcupine Island, located in Frenchmans Bay about 3/4 mile to the eastward of Bar Herbor. This island is also known as Wheelers Porcupine and Bald Porcupine.

The station is a hole drilled in a rock.

WHEELER (Hancock County, Maine, F.P.W., 1860; F.L.P., 1944)
Station recovered in good condition. Station is located on the highest part of Bald Porcupine Island, on a large ledge rock outerop that is about 3 feet above the surrounding area, and about 30 meters N of the top of the bluff on the S side of the island. There is an open space about 6 meters wide to the W, and also to the S to the edge of the bluff. Standing on the station, one can see Great Head Observatory. Mark is a triangular shaped drill hole about 3/4 inch in diameter and about 1 inch deep. A pile of rocks was over the station and was put back.

MALINE YEAR. 1860 THIRD -ORDER

G- 6793

GEODETIC LATITUDE:	44 °23 ′11.″898 68 10 52.554	SEXTED.	57 METERS
GEODETIC LONGITUDE:			FEET

STATÉ COORDINATES (Fett)				
STATE & ZONE	CODE	×	У	e ion∆ ai avgle
ME É	1801	583,320,45	201,846.09	+ 0°13′23°

\* PLANE AZIMUTH HAS BEEN COMPUTED BY THE # 108 A P. FORMULA NEGLECTING THE SECOND TERM

TO STATION OR OBJECT	GEODETIC AZINUTH (From south)	FLANE AZIMUTH (From south)	CODE
		0 , 4	
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	l		
		1	
		1 1	
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SEP 1977
U. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY, NATIONAL GEODET IC SURVEY

## HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1137
MAI NE
LATITUDE 44 ° 30' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

## NO ORIGINAL TEXT

ESTABLISHED BY: P.P.W.

RECOVERED BY: N.C.S.

WINTER HARBOR LIGHTHOUSE (Hancock County, Maine, 1861:K.G.C., 1934) -- The center of the lighthouse on Mark Island at the entrance to Winter Harbor just E of the Schoodic Peninsula.

_			•	
•		RIANGULATION STAT	ION	R
NAME OF STATION: WINTER ESTABLISHED BY: RECOVERED BY: N.O.S.	. YEAR: 1861	STATE: Maine County: Hancock	BENCH MARK(S) ALSO	
AIRLINE DISTANCE AND DIREC	tion from Nearest Town:	•		
Detailed statement as to the fitte	ss of the original description; includin	g marks found, stampings, ch	panges made, and other pertinent facts:	
Recovered in but observed upon		ibed in 1934. The	island was not visited,	
•				_
	RECOVERY NOTE, TE	RIANGULATION STATI INTERSECTION	10N QUAD 440682	$\mathbf{p}$
NAME OF STATION: WINTER	HARBOR LIGHTHOUSE			T

STATE: Maine

COUNTY: Hancock

Bench Mark(s) Also [

Detailed statement as to the fitters of the original description; including marks found, samplings, changes made, and other pertinent facts:

Recovered in good condition as described in 1934. The light is no longer operative.

YEAR: 1861

YEAR: 1968

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 2.2 miles south of Winter Harbor

MAINE HARBOR LH  HAINE YEAR: 1861 THIRD  -ORDER  OURCE: G- 6793  STATE COORDINATES (FER.)  STATE SZONE COOE X Y 8 ICRA B.  HE E 1801 607,681.23 192,724.03 + 0°1  FLANE AZIMUTHHAS BEEN COMMUTED BY THE 8 ICRA P. FOR UULA NEGLECTING THE SECOND TERM.  TO STATION OR OSSECT GEODETIC AZIMUTH (From 1928) (From 1928)  O	R
STATE & ZONE   CODE   X   Y   \$ IONA & I	
STATE DOOR STATE COORDINATES (FER)  STATE DOOR X Y \$ 109 \Delta 11 00 \Delta 1	
STATE & ZONE  CODE  X  Y  \$ 100 \( \Delta \)  HE E  1801  607 + 681 - 23  192 + 724 - 03  + 0° 1  FLANE AZIMUTH HAS BEEN COMPUTED BY THE \$ 100 \( \Delta \) FORMULA NEGLECTING THE SECOND TERM.  TO STATION OR OBJECT  (From south)  (From south)  (From south)	VETERS FEET
PLANE AZIMUTH HAS BEEN COMPUTED BY THE & IOR A ** FORWULA NEGLECTING THE SECOND TERM.  TO STATION OR OBJECT   GEOGRAPH   FLANE AZIMUTH   From south   (From south)   (From	
PLANE AZIMUTH HAS BEEN COMPUTED BY THE \$ IOR \$\Delta = 0 \text{ FOR AUULA NEGLECTING THE SECOND TERM.}  TO STATION OR OBJECT   Grow south   (From south)   (	ANGLE
TO STATION OR OBJECT GEODETIC AZIMUTH FLANE AZIMUTH (Free south) (Free south)	7′16°
(From south) (From south)	
	CODE
51 437	

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### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

440682 STATION 1138 MAINE LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 0 001 TO 68 0 301 DIAGRAM NL 19-11 BANGOR

FORM 525 {9-12-59}

U.S. DEPARTMENT OF CONSERCE COAST AND GEODETIC SURVEY

DESCRIPTION OF TRIANGULATION STATION

QUAD 440682

ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION: MT. CADILLAC GROUND

MAINE

1968

**OBS BY CFM** 

CADILLAC GROUND

SECOND

44 °21 '08;72904 460 GEODETIC LATITUDE: **STATED** METERS 68 13 28.82209 GEODETIC LONGITUDE: FEET

STATE COORDINATES (Frei)					
STATE & ZONE	cope	×	٧	# 109 A AL ANGLE *	
ME E	1801	572,015.13	189,333.24	+ 0°11′33″	
		1			
	[ [				

 $^{ullet}$  flane azimuth has been computed by the | heta| (CP $\Delta$   $^{ullet}$ ) formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From scutb)	PLANE AZIMUTH * (Fram south)	€00£
	0 / "	. , ,	
		}	
	ŀ	1 1	

THESE DATA OBTAINED FROM ADJUSTMENT OF JUN 1977

**WU 057** 

CHIEF OF PARTY: N.C.S.

STATE: Maine

COUNTY: Hancock

STATION

YEAR: 1968

DESCRIBED BY: N.C.S.

NOTE. HEIGHT OF TELESCOPE ABOVE STATION MARK 1.5 METERS, HEIGHT OF LIGHT ABOVE STATION MARK METERS. DISTANCES AND DIRECTIONS TO AZIMUTH MARK, REFERENCE MARKS AND PROMINENT OBJECTS WHICH CAN BE SEEN FROM THE GROUND AT THE STATION Desc SURFACE-STATION MARK, UNDERGROUNG-STATION MARK DISTANCE BEARING QBJECT 00.0 M 00 BLUE HILL FIRE TOWER WINTER HARBOR LIGHTHOUSE 1861 E 24 18 EGG ROCK LIGHTHOUSE 1902 E 12 46 17 763.10 232.593 MT. DESERT 1856 SW

Located on the northeast side of the parking lot at the top of Mt. Cadillac, 2.5 miles south of Bar Harbor, in the Acadia National Park. Station was established by Carroll F. Merriam, as MT. DESERT 1856 now requires a stand to see out.

Station is marked by an iron ringbolt, of 1-inch diameter rod, set in bedrock and bent over so it lies flat on the surface, with a punch mark in the shank which is the station. It is 134 feet northwest of the most northern of the binocular pedestals (coin operated), 34 feet east of a bronze plaque to Stephen Tyng Mather, and 12 feet east of the east edge of a blacktop footpath along the rock above and east of the parking lot. A paved roa d leads to the summit from Bar Harbor.

(CONTINUED)

#### HORIZONTAL CONTROL DATA

by the NATIONAL GEODETIC SURVEY NORTH AMERICAN 1927 DATUM

NAME OF STATION:

STATION 113B TO LATITUDE LONGITUDE TO DIAGRAM

CADILLAC GROUND

(CONT.)

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

#### DESCRIPTION OF TRIANGULATION STATION

NAME OF STATION: CADILLAC GROUND

FORM 525

STATE: Maine

COUNTY: Hanoock

CHIEF OF PARTY: L.F. Smith

YEAR: 1970

DESCRIBED BY: R.P. Hanson

NOTE.	7						15011
	SURFACE-STATION MARK, UNDERGROUND-STATION MARK 08JECTS 1	ECTIONS TO A	TIMITH NAC	T ABOVE STAT K, REFERENCE THE GROUND A	HIGHE	AUD DD	METERS.
•	OBJECT	BEARING	DIST	ANCE		010507	
1		- LEARING	FEET	METERS	7	DIRECT	IONT
COD .	HAN (MSHC) Hancock Union Church Spire ORAB 1934 Martins Ridge AT&T Rly. Dm 196 Schoodio Mtn. Fire Tower, 1934 Bar Harbor Cong. Church, spire Navy Tank Blue Hill L.O. Tower, 1956 Ellsworth water tank McFARLAND (MSHC) Tannery tank	NNE			00 09 14 24 31 37 114 304 349 356	00 58 39 15 29 42 36 10 55	00.0 36.6 56.8 30.6 57.0 22.8 52.0 04.6 27.6 43.2

This station was established by Mr. C.F. Merriam of Prospect Harbor, to supplement station MT. DESERT 1856 which is badly obstructed by trees.

Station is located about 2-1/2 miles southwest of Bar Harbor, in Acadia Park, on an open, rocky point on the northeast shoulder of Cadillac Mountain, just south of the road loop at end of road at scenic observation point.

Station mark is a punch mark in a large, twisted iron rod that is secured in a drill hole in the bedrock. It is about 100 feet south up footpath from end of road loop, on high point of rock knob on left side of trail,

NOTE: Coordinates for this station may be obtained from the Maine State Highway Com- N mission in Augusta, or from Mr. C.P. Merriam of Prospect Harbor,

STATION punch mark about 1-2-Inch diameter iron rod,

hammeredoverflat Refers to acces in natuals of tringulation and state publications of tringulation. Direction-angle measured chockwise, refund to juitid straight of the natural measured chockwise, refund to juitid straight for natural measured chockwise, refund to juitid straight for natural measured chockwise, refund to juitid straight for natural measurements. On To The School of Participal Control of the Co RECOVERY NOTE, TRIANGULATION STATION

440682

STATE: Maine BENCH MARK(5) ALSO

C.F. Merriam YEAR ESTABLISHED BY: L.F. Smith YEAR: 1971 COUNTY: Hancook

CADILLAC GROUND

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 2-1/2 miles SW of Bar Harbor

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent facts:

Station was recovered in good condition as described in 1970.

R

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

R

Q 440682 STATION 1139

MAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANCOR

CROMER 2 (Hancock County, Maine, K.G.C., 1934) -- On the eastern brow of Gromer Hill which lies on the western side of Gouldsboro Harbor about 2 1/2 miles due N of the town of Prospect Harbor. Station and reference marks are standard bronze disks wedged

in drill holes in outcropping bedrock.

The station is on a fairly flat ledge which drops off sharply to the E and S. It is 40 feet W of the E edge and 40 feet N of the S edge. Another prominent ledge with one lone pine tree on it is about 100 feet NNE.

Reference mark No.1 is 35 feet W of the E edge and 70 feet N of the S edge of the ledge. Reference mark No.2 is 2 feet W of the E edge and 28 feet N of the S edge of the ledge.

To reach from the Junction of U.S. Highway 1 and the eastern

To reach from the junction of U.S. Highway 1 and the eastern branch of Highway 186, go S 3.2 miles on Highway 186 to the home of George Clark, log cottage on the W side of the road. A path leads N from his house to the station about 1/2 mile.

OBJECT	DISTANCE	DIRECTION
STEUBEN	meters	000010010
R.M.No.2	11,720	67 52 55
R.M.No.1	7.250	322 46 57
R.M.No.1 to B.M.No.2	15.305	

CROMER 2 (Hancock County, Maine, K.Q.C., 1934; Pa. Water & Power Co., 1941)' Found station marker and reference marks without difficulty, the tower and tripod are in excellent condition. Both were still firm and rigid and not touching each other. The signal appeared to be plumb and usable, although the flag on the top of a small pine lashed to the signal itself had blown away.

The tower is easily seen from what is locally known as the West Bay Road, Route 186, between Gouldsboro and Prospect Harbor, 2.9 miles from Gouldsboro, on a high outcropping ledge just W of the road; it was not hard to reach the top through the underbrush and over rocks. The station is on the S tip of this rocky ridge separated from the main part by a slight saddle. The E reference mark is a few feet from a precipitous drop.

mark is a few feet from a precipitous drop.

In setting the marks the mossy growth on the rocks was apparently cleaned off and there is no immediate danger of this enroaching on the markers.

CROMER 2 (Hancock County, Maine, K.C.C., 1934; F.L.P., 1944) (Presche County, Maine, K.C.C., 1934; F.L.P., 1944) (Premarks recovered in good condition. Distances to reference marks were measured and check. Description is adequate, except that ladge drops off sharply to S'is misleading. The hill drops off rapidly to E, but to S it slopes off gradually. The drop off of the ladge to the S is local.

#### RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION: OROMER 2

ESTABLISHED BY: K. G. G. YEAR: 1934

STATE: Maine BENCH MARK(S) ALSO 

1065

RECOVERED BY, N.O.S. YEAR, 1965 COUNTY, Hancock

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWNS

2.2 miles north of Prospect, Harbor Detailed statement as to the fitness of the original description; including marks found, stumplags, changes made, and other perticent faces:

Station and both RMs recovered in good condition as described in 1934, on land of Haycook.

To reach from the flagpole at the junction of State Highways 186 and 195 at Prospect Harbor Post Office, go north on 186 for 2.5 miles to a dirt road on the left, turn left and go 0.05 mile to just beyond the residence of Charles Haycook and end of truck travel. Pack northeast up the ledges to the top of the hill and the station.

(CONTINUED)

#### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION: CROHER 2

OBS BY CGS

.... MAINE

1934

SECOND

- ORDE

SOURCE: G-06793

GEODETIC LATITUDE: 44 °26 '32 .00 300 GEODETIC LATITUDE: 68 01 15.95300	SCALED	73	METERS FEET
---	--------	----	----------------

		STATE COORDINATES (Feet)		
STATE & ZONE	con£	×	٧	8 ORA O ANOLE
ME E	1801	625,071.15	222,312.14	+ 0°20′07°

 $^*$  plane azimuth has been computed by the ~g ica $\Delta~a$ ) formula neglecting the second term

TO STATION OR COJECT	GEODETIC AZIMUTH (From scuth)	PLANE AZIMUTH * (From south)	CODE
PIGEON	262°10′40.6	261°50′33″	1801
•			]

THESE DATA ARE OBTAINED FROM ADJUSTMENT OF 1946

JUL 1977 U.S. DEPARTMENT OF COMMERCE U.S. DEPARTMENT OF CUMMENCE
MATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
MATIONAL OCEAN SURVEY , NATIONAL GEODETIC SURVEY

by the NATIONAL GEODETIC SURVEY NORTH AMERICAN 1927 DATUM

QUAD 440682 STATION 1139 LATITUDE LONGITUDE 10 DIAGRAM

CROMER 2 (CONT.)

#### RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION: CROMER 2

ESTABLISHED BY:

YEAR: 1934 STATE: Maine

L.F. Smith YEAR: 1970 COUNTY: Hancock AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 2-1/2 miles north of Prospect Harbor

BENCH MARK ALSO

HEIGHT OF LIGHT ABOVE STATION WARK

HEIGHT OF TELESCOPE ABOVE STATION WARK 5 FEET.

DISTANCES AND DIRECTIONS TO AZIMUTH MARK, REF FROM THE ORC	ERENCE NA	RKS AND PROMIN E STATION	ENT OBJECTS W	HICH CA	N BE SE	EN
00.000	T	DIST	ANCE	]		
OBJECT	BEARING	PEET	METERS		DIRECT	HON
PIGEON 1855 R.M. No. 2 Petit Manan Lighthouse, 1860 Corea Church Spire, 1902 R.M. No. 3 R.M. No. 1	SE SE SE NW NNE	38.455 (546.777) 23.785	11.721 166.658 7.250	00 40 41 59 243 295	00 21 28 59 42 17	00.0 27 27.5 46.7 31.6

Station was recovered and all marks found in good condition. A new reference mark, No. 3, was established 546.777 feet northwest of station. A complete description follows:

Station is located on Mount Cromer, on a fairly open, rocky point

at south and of the long hill. To reach station from the post office at Prospect Harbor, go north on State Highway 186 for 2.6 miles; take graveled side road left and go west 0.15 mile to top of rise and end of truck travel. Pack south along very gradual ridge line about 1000 feet to RM No. 3; continue along ridge line to station.

Station mark is a standard disk stamped "CROMER 2 1934", cemented

in a drill hole in a bedrock knob.

Reference mark number one is a standard disk stamped "CROMER 2"
NO 1 1934", cemented in a drill hole in a bedrock ledge about 2 feet lower than station mark,

Reference mark number two is a standard disk stamped "CROMER 2 NO 2 1934", cemented in a drill hole in a bedrook ledge at southeast edge of hilltop.

Reference mark number three is a standard disk stamped "CROMER 2 1934 NO 3 1970", cemented in a drill hole in a bedrock ledge which is the first ledge along ridge between the graveled road and station. It is 27 feet north of a large, lone pine tree.

JUL 1977

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

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM 440682

STATION 1140

MAINE 44 ° 00' TO 44 ° 30' LATITUDE LONGITUDE 68 0 00' TO 68 0 30' DIAGRAM NL 19-11 BANGOR

FORM 525

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

#### DESCRIPTION OF TRIANGULATION STATION

CROMER 2 RM 4 NAME OF STATION:

Maine

Hançock

CHIEF OF PARTY: L.F. Smith

1970 YEAR:

DESCRIBED BY: R.F. Hanson

	HEIGHT OF TELESCOPE ABOVE ST	ATTON MARK 1.5 NE	rens,† H	EIGHT OF LIGHT	F ABOVE STATE	ON NARK		METERS.
12a	SURFACE-STATION MARK, UNDERGROUND-STATION MARK	DISTANCES AND DIRECT OBJECTS WHI	TIONS TO	AZINUTH MARK E SEEN FROM T	, REFERENCE ! HE GROUND AT	MARKS AN	D PRO	MINEXT
	OBJECT		BEARING DISTANCE		HCE	DIRECTIONS		
	010207		DEARING	FEET	PETERS	] "	RECTIC	) N F
	OROMER 2 1934		SE	546.777)	166.658	00	00	00.0
	Reference Hole 1	m.t	SE	22.845	6.963	12	30	47 <
	West Bay Church, a Reference Hole 2	pire	NB NW	41.462	12.638	191	44	23.1
	Werelette More v		an	41,402	10.030	241	49	43 /

Station is located along the long, gradual, north slope of Mount Cromer, at a bedrock ledge, about 1000 feet south of a graveled road, 750 feet west of State Highway 186 and 500 feet north of highest point of Mount Cromer. -

To reach station from the post office at Prospect Harbor, go north on State Highway 186 for 2.6 miles; take graveled side road left and go west 0.15 mile to top of rise and end of truck travel. Pack southerly along gradual ridge line for about 1000 feet to station. Station mark is a standard Reference Mark disk, stamped "CROMER 2 1934 NO 3 1970", cemented in a drill hole in the top of a long bedrock ledge about 3 feet high on the north side, and is 27 feet north

of a large, lone, pine tree.

Reference Hole 1 is a 3/4-inch drill hole, 3 inches deep, in a bedrook outcrop, about 1-1/2 feet higher than station mark.

Reference Hole 2 is a 3/4-inch drill hole, 3 inches deep, in a bedrook outcrop, about 2 feet lower than station mark.

NOTE: This station was located by traverse from CROMER 2 1934.

ADJUSTED HORIZONTAL CONTROL DATA

CROMER 2 RM 3

OBS BY NGS

1970

SECONO

G-12512 SOUND OBSERVATION CHECK ON THIS POSITION

GEODÉTIC LATITUDE: GEODÉTIC LONGITUDE:	44°26′36.47315 68 01 20.17965	\$'EXATED'	72	VETERS PEET	_
---	----------------------------------	------------	----	----------------	---

	A PLANGLE
ME E 1801 624,761.89 222,762.98 +	0° 20′ 04

 $^*$  plane azimuth has been computed by the  $\,$  B  $\,$  or  $\Delta$   $\,$  4). For mula reglecting the second term,

TO STATION OR DBJECT	GEODETIC AZIMUTH (From south)	FLANE AZWUTH * (From south)	CODE
CROMER 2	325°53′08.6	325° 33′ 04°	1801

THESE DATA OBTAINED FROM ADJUSTMENT OF JUN 1977

MO 090

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM Q 440682 STATION 1141
MAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

FORM 525

U.S. DEPARTMENT OF COMMERCE

#### DESCRIPTION OF TRIANGULATION STATION

NAME OF STATION: GERRISH

state: Kaine

COUNTY: Hancock

CHIEF OF PARTY: N.C.S.

YEAR: 1968

DESCRIBED BY: N.C.S.

Desc.	SURFACE-STATION WARK, UNDERGROUND-STATION WARK	DISTANCES AND DIRE	CTIONS TO	AZIHUTH KAR E SEEN FROM	K, REFERENCE A THE GROUND AT	ARKS A	HO PRO ATION	MINEHT
	OBJECT		DIS		ANCE	DIRECTIONS		
			BEARING	FEET	METERS	'	AMEGIA	044
1116	WINTER HARBOR STANDPIPE RM 2 SCHOODIC RM 3		e Se Se	28.55	8.704	0 36 55	00 03 36	00 01 52
118	WINTER HARBOR LIGHTHO	USE	S NE	(Approx. 93.50	28.501	88 311	22 59	57 11

Located in the town of Winter Harbor on the first (presently dirt) street west of Sargent Street, 0.4 mile east of the center of town, 0.25 mile east of the Post Office and 0.15 mile east of the junction of Main and Newman Streets.

Station mark is a punch mark in the top of a copper-coated rod driven to 1 inch below the surface of the dirt road, 145 feet south of the center of State Highway 186 and 6 feet west of the center of the dirt road.

RM 1 is a standard disk stamped GERRISH MO 1 1968, set in the top of a concrete optimizer that projects 2 inches. It is 1 foot south of the south end of, and in line with, a picket fence on the east property line of hr. Gerrish's milk bar, 91 feet south of the center of State Highway 186, 81 feet east of the center of the dirt road and 23 feet east of the southeast corner of the small building housing the milk bar.

RM 2 is a standard disk stamped GERRISH NO 2 1968, set in the top of a concrete cylinder that projects 2 inches. It is 1 foot west of, and in line with, the wire fence at the south property line of the milk bar, 170 feet south of the center of 186 and 9 feet east of the center of the dirt road.

ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION: GERR ISH

OBS BY CGS

MAINE

1968

SECOND

-080

SOURCE: G-12512

GEODETIC LATITUDE: 44 °23 '42 \$48785	ELEVATION:	6	VETERS
GEODETIC LONGITUDE: 68 04 53 \$39032	SCALED		FEET

	STATE COORDINATES (Fret)								
	STATE & ZONE	CODE	×	Y	# CA∆ a) ANGLE				
ME	E	1801	609,384.89	205,060.91	+ 0°17′34″				

 $^{\circ}$  flage azimuth has been confuted by the |g|  $\log \Delta$  |g| formula reglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	PLANE AZIMUTH * (From south)	CODE
IINTER HARBOR STANDPIPE	279°46′16.8	279° 28′ 43″	1801

THESE DATA OBTAINED FROM ADJUSTMENT OF JUN 1977

NO TEXT

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM Q 440582 STATION 1142
MAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION: GOULDS BORG CHURCH SPIRE OBS BY CGS

STATE: MAINE VEAR: 1965 THIRD
-ORDER

G-12512

STATE COOPDINATES (Fret)								
STATE & ZONE	CODE	×	Y	PICRA ALANGLE				
ME E	1801	619,312.04	235,787.11	+ 0°19′13″				
		-						

\* Plane azimuth has been confused by the  $|\mathfrak{g}|$  (or  $\Delta$  =). Formula mediecting the second term,

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	PLANE AZIVUTH (Fram posib)	CODE
	0 , 4	0 , 4	
			·
	ŀ		

THESE DATA OBTAINED FROM ADJUSTMENT OF JUN 1977

NO TEXT

#### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM 0 440682 Maine STATION 1143

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30' DIAGRAM NL 19-11 BANGOR

ADJUSTED HORIZONTAL CONTROL DATA

INGALLS LIGHT

OBS BY CGS

NAVE OF STATION:
MAINE

1968

THIRD

- ORDER

G-12512

GEODETIC LATITUDE: 44°27'51."30792 GEODETIC LONGITUDE: 68 25 46.67337	SCATED:	2 VETERS
---	---------	----------

STATE COORDINATES (Feet)							
STATE & ZONE	CODE	×	Y	A CRA O ANGLE			
ME E	1801	518,370.69	229,984.33	+ 0°02′57*			

\* FLANE AZIMUTH HAS BEEN COMPUTED BY THE  $\, heta \, \cos \Delta \, \, \sin \Delta \,$  formula neglecting the second term.

TOSTATION OR OBJECT	GEODETIC AZIMUTH PLANE AZIMUTH (From south) (From south)		CODE
	o i'' x	0	
•			
	:		

THESE DATA OBTAINED FROM ADJUSTMENT OF JUN 1977
POSITION DETERMINED BY TRAVERSE FROM STATION UNION
AND CHECKED BY ADDITIONAL OBSERVATIONS

## HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

QUAD 440682 STATION 1144
MAI NE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

NO TEXT

STATE COORDINATES (Feet)  STATE & ZONE CODE X Y \$ \$ 109 \( \Delta \) 1801 520 + 256 + 26 119 + 959 + 54 + 0° 03		ADJUSTE	D HORIZON	TAL CO	NTROI	_ DA1	ΓA		
OROOSTICLONGITUDE:  44 °09 '44.69 68 25 22.10  STATE COORDINATES (Feet)  STATE A ZONE  CODE  X  ME E  1801  520.256.26  119,959.54  + 0° 03  **PLANE AZIMUTH MASSEEN COMPUTED BY THE \$ IOR \( \text{all pormula reducting the SECONG TERM.}}  TOSTATION OR OBJECT  GEODETIC AZIMUTH  (From south)  (From south)  (From south)  (From south)  (From south)  PDSITION DETERMINED BY DATUM DIFFERENCES	NAME OF STATION:		1861				THIR		OADER
STATE A ZONE CODE X Y P 109 A 1 A 1 STATE A ZONE CODE X Y P 109 A 1 A 1 TO STATION OR OBJECT GEODETIC AZIVUTH (From south) (From south) (From south) C 7 C 7 C 7 C 7 C 7 C 7 C 7 C 7 C 7 C	G- 6793								
STATE & ZONE  STATE & ZONE  ME E  1801  520,256,26  119,959,54  + 0°03  **PLANE AZIMUTH MASSEEN COMPUTED BY THE & IORA OF FORMULA NEGLECTING THE SECOND TERM.  TO STATION OR GREET  GEODETIC AZIMUTH  (From south)  (From south)  O  TO STATION OR GREET  POSITION  POSITION  DETERMINED BY DATUM DIFFERENCES						ELE	VATION:		VETE PEET
ME E 1801 520,256.26 119,959.54 + 0°03  **PLANE AZIMUTH HAS BEEN COMPUTED BY THE \$ IORA OF PORMULA NEGLECTING THE SECOND TERM.  TO STATION OR OBJECT GEODETIC AZIMUTH (From south)  O			STATE COORD	NATES (Fee	1)				
ME E 1801 520,256.26 119,959.54 + 0°03  **PLANE AZIMUTH HAS BEEN COMPUTED BY THE \$ IORA OF PORMULA NEGLECTING THE SECOND TERM.  TO STATION OR OBJECT GEODETIC AZIMUTH (From south)  O	STATE & ZONE	cone	×					4 109/	AL ANGU
TOSTATION OR OBJECT  GEODETIC AZIVUTH (From south)  O				6.26	11		59.54	\$	
POSITION DETERMINED BY DATUM DIFFERENCES	* PLANE AZIMUTH HAS BEEN COM	PUTEDBY THE # IC	e∆ αι forψula	NEGLECTIN	S THE SECO	NO TERI	u,		
POSITION DETERMINED BY DATUM DIFFERENCES	TOSTATIO	TOBLEO RO N		(Fr	on south)	- 1	FLANE A	ZIVUTH * sautb)	coo
	POSITION DETERM	INED BY DA	TUM DIFFEI	RENCES					
								52 19	1

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			(

### HORIZUNTAL CONTROL DATA

National Ocean Survey
NORTH AMERICAN 1927 DATUM

0 440682 Maine

STATION 1145

LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 ° 00' TO 68 ° 30' DIAGRAM NL 19-11 BANGOR

### NO ORIGINAL TEXT

MOUNT DESERT (Hancock County, Maine, A.D.B., 1856;1902) -- On the highest elevation of Mount Desert Island, known as Mount Desert or Green Mount. It is a very commanding position and the view is unobstructed in all directions.

The station is on the summit and 22 1/4 inches E of the SE corner of a crevice in the rock. The station is a hole drilled in a rock. Also the following range drill holes were found 53.17 feet from station on line toward Peaked Mountain, 17.52 feet from the station on line to Blue Hill, and 21.83 feet from the station on line to Ragged Mountain.

MOUNT DESERT (Hancock County, Maine, A.D.B., 1856; Maine Geod.S., 1931) -- The station is on the highest part of Cadillac Mountain (formerly called Green Mountain), in the Acadia National Park. A fine automobile road on the mountain was opened in October 1931, and this road passes some 500 feet to the N of the station, making it easy of access.

On July 18, 1931, I found a drill hole which appeared to be the station mark and which checked fairly well with the range holes. It was covered with several stones which had apparently once been a cairn. About 10 feet S of the hole the ledge was a few feet higher, being apparently the highest point on the island, and was marked by a cairn, under which I could find no hole or other mark. The cairn remains in place.

On Sept. 1, 1931, I cemented a standard C.& G.S. triangulation tablet in the hole, and set two standard reference marks in exposed ledge, the horizontal distances and azimuths from the station being about as follows: No.1, 75.8 feet, 211°40'; No.2 58.0 feet; 326°55'. These values are only approximate, because of unfavorable conditions for the measurements, and they should not be relied on to perhaps one or two tenths of a foot and two or three minutes of arc. I hope to have more accurate figures next year.

arc. I hope to have more accurate figures next year.

The view from the station is obstructed by trees from about S, through W, to about NNE; and partially out off by a lower summit of the same mountain, to the eastward.

For additional details see my letter of Dec. 7, 1931.

MOUNT DESERT (Hancock County, Maine, A.D.B., 1856; Maine Geod.S., 1932) -- When I re-marked this station in 1931 the only reference marks of which I had knowledge were the three holes mentioned in the printed description. Later I obtained a copy of a sketch in the original description of the station, which showed range holes on line to a number of other stations, and in 1932 I visited the station again to see if I could find any of these holes and thus get an additional check on my identification of the station point. I found 6 out of 8 of the nearer holes of the ranges and these checked in azimuth to within a few minutes of arc, which was as close as I could determine the directions with the miniature transit which I used, but the distances were all less than those given on the sketch. My measurements were as follows, the distances on the sketch being in parentheses, all being in feet and inches: ISLE AU HAUT 50-6 1/2 (50-11); TUNK 40-5 (41-1); BURKE not found; COOPER 86-6 (86-10); EAST BASE 112-3 (112-7); MITTEN MOUNT 66-7 (67-4); HOWARD 56-4 (57-2). The farther holes of these ranges were, according to the sketch, so far from the station that I did not look for them, except in the case of Mitten Mount, which I found and which was about right in azimuth, but I did not measure the distance because of intervening bushes. The discrepancies in distance are perhaps due to inaccuracies in the original measurements, or in mine, over rather rough ground, and to possible slight differences due to horizontal or slope distances.

The line to station TUNK, on the sketch, is marked with a name which looks like "Hink", but this is evidently an error, as there is no such station in the vicinity, and the direction is correct for TUNK.

(CONTINUED)

#### ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION: MOUNT DESERT

OBS BY CGS

STATE: MAIN

185

FIRST

K31 ...

G-01905

GEODETIC LATITUDE: 44 °21 '04:53000 GEODETIC LONGITUDE: 68 13 37.54200	ELEVATION: 463.	O METERS FEET
--	-----------------	------------------

		STATE COORDINATES (Feet)		
STATE & ZONE	CODE	×	٧	8 CAQ BIANGLE
ME E	1801	571,382.99	188,905.94	+ 0° 11′ 27
		J		

\* PLANE AZIMUTH HAS BEEN COMPUTED BY THE  $|g|\cos\Delta|$  of Formula neglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIWU1H (From scarb)	FLANE AZIVUTH *  (From south)	COOE
BLUE HILL RM 3	107°41′56.0	107°30′29″	1801

THESE DATA ARE OBTAINED FROM ADJUSTMENT OF 1934 ASTRO OBSERVATIONS PERFORMED AT THIS STATION

WD 041

JUL 1977
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANISM AT MOST AND ATMOSPHEN GENERAL SURVEY
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## HORIZONTAL COLL ROL DATA

by the NATIONAL GEODETIC SURVEY NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1145
LATITUDE ° ' TO ° '
LONGITUDE ° ' TO ° '
DIAGRAM

MOUNT DESERT (CONT.)

The holes on lines to RAGGED MOUNTAIN, BLUE HILL and PEAKED MOUNTAIN, which are mentioned in the printed description, are not shown on the sketch, but they checked fairly well, with the exception of the one said to be on the line to BLUE HILL, which was about 3°S of that line. This hole (a shallow one) is, however, on or close to the line to MOUNT BLUE, which is a station of the primary scheme, although I can find no record that the line was observed over, probably because of obstructions.

I feel that on the whole my identification of the station has been confirmed, but I hope that the next summer it will be possible to make some better determinations of the distances and azimuths

of the range holes.

MOUNT DESERT (Hancock County, Maine, A.D.B., 1856; Maine Geod.S., 1933) -- During the summer of 1933 I found 6 more of the range holes at this station, making with the 10 previously found, 16 in all. These include the 3 holes mentioned in the description (but not shown on the original sketch), and all but one of the 14 holes shown on the sketch in the original description. The one missing hole was probably destroyed by the breaking off of a piece of the ledge. (This was the nearer hole on the line to Burke).

In addition I found one hole which was similar to the others but which I could not identify as being on a line to any station. It was distant about 49.1 feet from the farther hole on the line

to HOWARD, in a direction somewhat S of E.

Although these range holes may be of no importance, I have mentioned them because they furnish a convenient check on the identification of the station point, which I re-marked in 1931.

tification of the station point, which I re-marked in 1931.

The cairn mentioned in my 1931 recovery note has been removed, doubtless by the Park authorities, and a wedge-shaped stone set in its place. The stone is about 12 feet, in a southerly direction, from the station tablet.

MOUNT DESERT (Hancock County, Maine, A.D.B., 1856; K.G.C., 1934) -Station was recovered as described. It is now a standard bronze
disk wedged in a drill hole in outcropping bedrock, with two
reference marks, standard bronze disks in outcropping bedrock.
It is on the flat ledge 13 feet N of the U.S.G.S. bench mark.
The bench mark is on the highest point of the mountain. The mountain is now known as Cadillac mountain and is a part of Arcadia
National Park. The summit is easily reached by a paved road.

The station is about 100 yards SW of the parking circle at the end of this road. Drill holes on line to other stations were found as follows: ISLE AU HAUT 50.4 feet, RAGGED MOUTAIN 21.7 feet, TUNK 40.4 feet, COOPER 86.5 feet, EAST BASE 112.3 feet, MITTEN MOUNT 66.6 feet, HOWARD 56.3 feet. These measurements are horizontal and are slightly less than the record distances given in the original description.

OBJECT	DISTANCE	DIRECTIONS
ISLE AU HAUT .	meters	0.0010040
R.M.No.1	23.100	166 51 11
R.M.No.2	17.671	282 04 58
U.S.G.S. B.M.	4.000	310 13 29
R.M.No.1 to R.M.No.2	34.548	
R.M.No.2 to U.S.G.S.		
Banch Mark	14.270	

MOUNT DESERT (Hancock County, Maine, A.D.B., 1856; F.L.P., 1944)
-Station and reference mark 1

recovered in good condition as described by K.G.C. in 1934. No attempt was made to recover drill holes. Reference mark 2 has been covered approximately 4 feet deep by a roadway of stone with macadam surface.

FORE 526 U.S. DEPARTMENT OF CONNECTE - COAST AND GEODETIC SURFEY (11-8-55) RECOVERY NOTE, TRIANGULATION STATION

R

NAME OF STATION: MOUNT DESERT

ESTABLISHED BY: A.D.B.
RECOVERED BY: H.R. Lippold

YEAR: 1056 STATE: Kaine YEAR: 1960 County: Hangock

Detailed statement as to the Siness of the original description; including marks found, stampings, changes made, and other pertinent facts:

The station was recovered as described and all marks found to be in good condition. The previous description is adequate with the following addition:

The station may be reached after arriving at the parking circle at the top of the mountain by going southerly on the paved driveway running on the east side of the gift shop to the end of pavement and the station about 100 feet further south.

1960 distances and directions were observed as follows:
OBJECT BEARING DISTANCE DIRECTION

NI TITL TITLE TO THE TOTAL TO T		Teet	reters				
BLUE HILL RM 3 Reference Mark No.1 Reference Mark No.2	H	75.80 < 57.97*	23.100 · 17.671 ·	104	02	00.0 18 24	~

#### RECOVERY NOTE, TRIANGULATION STATION

p

NAME OF STATION:

BSTABLISHED BY: \* A.D.B. YEAR: 1856 STATE: Maine GENCH MARK ALSO ARILINE DISTANCE AND DIRECTION FROM NEARES TOWN: 2-1/2 miles SW of Bar Harbor REIGHT OF TELESCOPE ABOVE STATION MARK

\*\*FEET.\*\*

HEIGHT OF LIGHT ABOVE STATION MARK

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OBJECT	BEARING	FEET	METERS	1.	DIRECT	ION
ZILCH 2 CADILLAG GROUND	NE	762.833	232.512	00 345	00 16	00.0 38.7

Station was recovered and all marks found in good condition. The distance and angles to the reference marks was not checked due to lack of time.

Station is located in Acadia National Park, on the summit of Cadillac Mountain, at the northwest end of the open, bedrook area, about 200 yards southwest of the parking area at end of park highway

200 yards southwest of the parking area at end of park highway.

To reach station from the Acadia National Park Headquarters at base of the mountain, follow the park highway for 6.9 miles to summit, and end of highway at parking area. Walk southwest up graveled readway about 125 yards to station.

Station mark is a standard disk stamped "MT DESERT 1856", cemented in a drill hole in bedrook.

Reference mark number one is a standard disk stamped "MT DESERT RM 1 1856", cemented in a drill hole in bedrock, northeast from station on opposite side of brush patch, and about 4 feet lower than station.

Reference mark number two is a standard disk stamped "MT DESERT RM 2 1856", cemented in a drill hole in bedrook, southeast from station along hilltop, at about same elevation as station.

USGS BM is a standard USGS disk cemented in a drill hole in the highest bedrock formation on the hill, about 3 feet higher than station.

HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM Q 440682 STATION 1146
MAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

NO TEXT

#### ADJUSTED HOBIZONTAL CONTROL DATA

PROSPECT HARBOR METH CH OBS 8Y CFM

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 $^{\text{sou}N0}$  085ERVATION CHECK ON THIS POSITION

		STATE COORDINATES (Feet)		
STATE & ZONE	CODE	×	γ	# CRA # ANGLE
ME E	1801	623,410.87	209,581.36	+ 0°19′50″

\* Plane azimuth has been computed by the |g| ica $\Delta|a|$  formula neglecting the second term,

TO STATION OR OBJECT	GEOGETIC AZIVUTH (From scuth)	PLANE AZIMUTH *  (Fram south)	CODE
	. , ,		,

THESE DATA OBTAINED FROM ADJUSTMENT OF JUN 1977

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM

440682 maine STATION 1147 LATITUDE 44 ° 00' TO 44 ° 30' LONGITUDE 68 . 00' TO 68 . 30'

Form 5255 (11-8-85)

U.S. DEPARTMENT OF COMMERCE - COAST AND GEOGRAPIC SURVEY QUAD 1440682

DESCRIPTION OF TRIANGULATION INTERSECTION STATION NAME OF STATION: PROSPECT HARBOR RADAR DOME

CHIEF OF PARTY: N.C.S.

YEAR: 1968 STATE: Maine

COUNTY: Hancock

Description, including sketch of object: The 50-foot steel tower with radar dome atop at the U.S. Navy installation at Prospect Harbor, about 150 yards north-northeast of the PROSPECT HARBOR LIGHTHOUSE 1902. This radar replaces the older one that was above the concrete building, positioned by the Hydrographic Office, and named ZIICH. The new one will probably be called ZILCH 2.

ADJUSTED HORIZONTAL	CONTROL	DATA
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DIAGRAM NL 19-11

PROSPECT HARBOR RADAR DOME NAME OF STATION

OBS BY CGS

STATE:

SECOND

BANGOR

-oapea

G-12512

GEODETIC LATITUDE: 44°24'15'78482	ELEVATION:	24.2	WETERS
GEODETIC LATITUDE: 68 00 46.14734		79	FEET

		STATE COORDINATES (Feet	1	
STATE & ZONE	cope	×	Υ	# CRA GLASGLE
ME E	1801	627,315,50	208,531.74	+ 0° 20′ 27″

 $^{*}$  flane azimuth has been computed by the |g| ich  $\Delta$  =1. Formula reglecting the second term.

TO STATION OR OBJECT	GEODETIC AZIMUTH (From south)	FLANE AZIMUTH * (Fram south)	CODE
SCHOODIC RM 3	28° 47′ 55 <b>.</b> 1	28° 27′ 28″	1801

THESE DATA OBTAINED FROM ADJUSTMENT OF JUN 1977

WG 075

JUL 1977

U. S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY , NATIONAL GEODETIC SURVEY NTAL CONTROL DATA

National Ocean Survey NORTH AMERICAN 1927 DATUM 440682

STATION 1148

MAINE LATITUDE 44 ° 00' TO 44 ° 30'

LONGITUDE 68 0 00' TO 68 0 30' DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HOBIZONTAL CONTROL DATA

SCHOODIC NAME OF STATION:

**OBS BY CGS** 

SECOND

-dente

G-06053 SOURCE:

|--|

STATE COORDINATES (Feet)								
STATE & ZONE	CODE	×	Υ	BION O BIANGLE				
ME E	1801	616,789.39	188,882.45	+ 0°18′44″				

FLANE AZIMUTH HAS BEEN CONFUTED BY THE  $|oldsymbol{ heta}|$  formula neglecting the second term

TO STATION OR OBÆCT	GEOGETIC AZIMUTH (From scarb)	FLANE AZIVUTH * (From 50516)	CODE
PETIT MANAN LIGHTHOUSE	262°51′45.2	262° 33′ 02*	1801

THESE DATA ARE OBTAINED FROM ADJUSTMENT OF 1944

NO 077

NO ORIGINAL TEXT SCHOODIC (Hancock County, Maine, F.P.W., 1860; 1903) -- On the summit of Schoodic Mountain, which is located in the SE part of Schoodic Peninsula, about 3 1/2 miles S of the town of Winter Harbor.

The station is near the NE edge of the summit and is about 500 meters from the W shore of Schoodic Harbor. A good road from Winter Harbor leads directly to the summit. The station is marked by a drilled hole in a rock. In 1903 the top of the mountain was covered by a thick growth of trees and bushes.

SCHOODIC (Hancock County, Maine, F.P.W., 1860; Maine Geod.S., 1929) --Extract from letter, dated September 26, 1929, of H.S. Shaw, Exeter, N.H., to Captain P.C. Whitney.

(July 31 and other dates). You will recall that we visited this point on Sept. 4, and failed to find the station mark, which I had looked for without success on several previous occasions. This is not to say that the mark has been destroyed, but if it still exists it is at least not likely to be recovered without more detailed information than we had.

SCHOODIC (Hancock County, Maine, F.P.W., 1860; Maine Geod.S., 1931) --The station is in the Acadia National Park, on what was until recently known as Schoodic Mountain, but which is now called Schoodic Head by the Park authorities, protably to distinguish it from another Schoodic Mountain some 16 miles to the N. A car may be driven to within about 5 minutes walk of the station, which is on an exposed ledge at the highest point of the mountain.

On June 30, 1931, I found what was evidently the drill hole which marked the station, but it was filled with dirt, which was the reason I had failed to find it on visits to the mountain during

the previous two years.

On August 18, 1931, I comented a standard State Survey tablet in the hole and set two standard reference tablets in exposed ledge, the horizontal distances and the azimuths of the reference marks from the station being as follows: No.1, 26.35 feet, 43°151; No.2, 55.62 feet, 332°15'. No.1 is about 2.2 feet and No.2 about 2.0 feet lower than the station mark.

There is a good view from the station, except toward the W where it is somewhat obscured by small trees, but lines could

easily be opened.

SCHOODIC (Hancock County, Maine, F.P.W., 1860; K.G.C., 1934) -- On the summit of Schoodic Mountain which lies about 4 miles S of the town of Winter Harbor. The mountain is in the Acadia National Park and is now known as Schoodic Head.

The station was re-marked in 1931 by H.S. Shaw, and two reference marks were established at that time. All three were

recovered in good condition.

To reach the station from Winter Harbor, go E on Highway 186, O.6 mile and then turn right on the gravel road. Follow 3.8 miles and turn left at sign "Mountain Road." Continue 1 mile to parking circle on top. Continue E on path to the summit and station about 200 meters distant.

A 20-foot tripod and scaffold was erected over the station. DISTANCE DIRECTION OBJECT 000010010 meters ASH 180 45 20

251 45 53

R.M.No.2 16.962 8.028 R.M.No.1

R.M.No.1 to R.M.No.2 16.240 NOTE: From letter; Mr. Carroll F. Merriam, Pennsylvania

Water & Power Company, Baltimore, Md., dated August 20, 1940.

"On my vacation I visited Schoodic in Acadia National Park
and found the merker without difficulty but not having the station description I did not find any reference marks.

(Continued on next page)

SEP 1977 U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL OCEAN SURVEY

NATIONAL GEODETIC SURVEY

SCHOODIC (Continued)

RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION: SOHOODIO ESTABLISHED BY: F.P.W.

YEAR: 1860 YEAR: 1965

STATE: Maine COUNTY: Hancock

BENCH MARK(S) ALSO

RECOVERED BY: N.C.S. AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: About 3 miles southeast of Winter Harbor and 2.5 southwest of Birch Harbor

Detailed statement as to the fittess of the original descriptino; including marks found, stumpings, changes made, and other pertinent facts: The station mark, RVs 1 and 2 were found in good condition. As visibility from

the ground is very limited by new growth of trees, RM 3 was established 230.9 feet south, on an open point.

RM 3 is a standard disk stamped SCHOODIC NO 3 1860, set in a drill hole in bedrock(note 12a). This mark is not intervisible with the station from the ground. Angle was turned from the reference mark to a target 7 feet above the station by tying branches of evergreens back, cutting not being permissible in Acadia National Park, See description of SCHOODIC 1860 RH 3.

#### RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION: SCHOODIC

ESTABLISHED BY: F.P.W. RECOVERED BY: N.C.S.

mark.

YEAR: 1860 YEAR: 1968

STATE: Maine BENCH MARK(S) ALSO COUNTY: Hancock

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 3.3 miles southeast of Winter Harbor

Detailed statement as to the finess of the original description including marks found, sampless, charges made, and other penticent facus: Station mark and REs 1,2, and 3 were recovered in good condition, as described in 1965. Because of the growth of trees at the station, RM 3 was used as a station

#### RECOVERY NOTE, TRIANGULATION STATION

NAME OF STATION: SCHOODIC YEAR: 1860 STATE: Maine ESTABLISHED BY: P.P.W. BENCH MARK ALSO RECOVERED BY:\* L.F. Smith YEAR: 1971 COUNTY: Hancock AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 3-1/2 miles S of Winter Harbor HEIGHT OF TELESCOPE ABOVE STATION WARK 5. FEET. REIGHT OF LIGHT ABOVE STATION WARK

DISTANCES AND DIRECTIONS TO AZIMUTH WARK, RE FROM THE G	FERENCE NA ROUND AT TH	AKS AND PROMIT E STATION	ENT OBJECTS Y	HICH CA	N BE SE	EN
		0157	ANCE			
OBJECT	BEARING FEET METERS		DIRECTION			
petit Manan Lighthouse, 1860 R.M. No. 2 R.M. No. 1 R.M. No. 3 Couldsboro Church Spire	NNE	55.655 26.340 230.271) 1934 (NNI	16.963 8.029 70.187	00 69 140 277 280 289	00 23 24 40 31 26	00°.0 27 36 33.2 42.7

Station was recovered and all marks found in good condition. Distances to RM 1 and RM 2 checked very closely with old distances. A complete description follows:

Station is located on summit of Schoodic Head, on a small, open, bedrook area surrounded by pine trees, which blook view in all areas except very limited view to northward.

To reach station from the post office in Birch Harbor, go west on State Route 186 for 1.9 miles; take T-road left and follow Moore Rd. south for 1.35 miles; enter Acadia Park and continue for 2.35 miles to gravel side road left. Go left for 0.25 mile; take left fork and go 1.0 mile to end of road. Walk northeast on dim trail along pine-

covered hilltop about 150 yards to station.
Station mark is a standard disk stamped "SCHOODIC 1860", cemented in a drill hole in bedrock on highest point.

Reference mark number one is a standard disk stamped "NO 1", cemented in a drill hole in bedrock flush with ground, 2 feet lower than station.

Reference mark number two is a standard disk stamped "NO 2", cemented in a drill hole in a bedrook ledge projecting 6 inches above ground, and 3 feet lower than station mark.

Reference mark number three is a standard disk stamped "SCHOODIC NO 3 1860", cemented in a drill hole in bedrock, down on a bare, open, rook point, 21.97 feet lower than station mark.

HOAA FORM 76-31A

QUAD 440682 STATION 1148 LATITUDE

LONGITUDE

DIAGRAM NORTH AMERICAN 1927 DATUM

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM Q 440682 STATION 1149
MAI NE
LATHUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

FORM 525

U.S. DEPARTMENT OF COMMERCE COAST AND GEODETIC SURVEY

#### DESCRIPTION OF TRIANGULATION STATION

YEAR: 1965

MARE OF SERVICIA. - SHOPE I

HAME OF STATION: SCHOODIC RM 3... > STATE: Maine

COUNTY: Hancock

CHIEF OF PARTY: N.O.S.

DESCRIBED BY: N.C.S.

NOTE.	HEIGHT OF TELESCOPE ABOVE S	TATION MARK 1.5 ME	TERS,T HE	EIGHT OF LIGHT	T ABOVE STATI	ON MARK	(	METERS.
None	SURFACE-STATION MARK, UNDERGROUND-STATION MARK	DISTANCES AND DIRE OBJECTS WH	CTIONS TO	AZIKUTH MARK E SEEN FROM T	, REFERENCE HE GROUND AT	MARKS A	ND PRO	MINENT
	OBJECT		BEARING	DIST	ANCE	Ι		
	L OBJECT		DEARING	FEET	METERS	١,	HRECTI	OHE
	PETIT MANAN LIGHTHOUS SCHOODIO 1860 WINTER HARBOR LIGHTHO WINTER HARBOR WATER C	USE 1861	N	229.87	(70,065)	0 97 208 <b>164</b>	00 24 48 01	00.0 36.0 44.5 44.2

A standard reference disk stamped SCHOODIO NO 3 1860, set in a drill hole in exposed bedrook, on the southern extremity of a shoulder of Schoodic Head in Acadia tational Park exte raion on the Schoodic Peninsula. This spot gives clear view from northeast to west, and was established because of heavy growth surrounding the station rath.

To reach the station from SCHOODIC 1860, pack southward to the tip of the shoulder and the station.

#### SCHOODIC RM3

This RM was established by someone from the Coast and Geodetic Survey for Mr. C.F. Merriam about 1965, by traverse from station SCHOODIC 1860. I can't find anything on it in the published data. I occuppied it to prove that Sullivans House Chimney No. 1 1860 is actually the East Sullivan Union Church Cupola, and also to make a check on the rebuilt church in Bar Harbor (Bar Harbor Cong. Church Spire)

(CONTINUED)

ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION: SCHOOD IC RM 3

OBS BY CGS

MAI

1965

SECOND

-ORDEA

SOURCE: G-10967

	GÉOGÉTIC LATITUGE: GÉOGÉTIC LONGITUGÉ:	44°21'04.60378 68 03 12.59222	SCALED	134	WETERS FEET
--	---	----------------------------------	--------	-----	----------------

STATE COORDINATES (Feet)								
STATE & ZONE	CODE	×	Y	9 CRA 41 ANGLE				
ME E	1801	616,790.29	189,112.70	+ 0°18′44°				

FLANE AZIMUTH HAS BEEN COVPUTED BY THE s -CA $\Delta$  at Formula neglecting the second term.

TO STATION OR OBJECT	GRODETIC AZIMUTH (From scale)	PLANE AZIMUTH " (From south)	CODE
PETIT MANAN LIGHTHOUSE	263°07′28 <b>:</b> 3	262°48′45*	1801

THESE DATA ARE OBTAINED FROM ADJUSTMENT OF 1965

by the **HATIONAL GEODETIC SURVEY** NORTH AMERICAN 1927 DATUM

440682 GAUQ STATION 1149 LATITUDE LONGITUDE 10

SCHOODIC RM 3

(CONT.)

#### RECOVERY NOTE, TRIANGULATION STATION

FEET.

NAME OF STATION: SCHOODIC RM 3 Maine STATE: ESTABLISHED BY: YEAR: RECOVERED BY: \* L.F. Smith

YEAR: 1970 COUNTY: Hancock

BENCH MARK ALSO

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN: 3 miles SSE of Winter Harbor HEIGHT OF TELESCOPE ABOVE STATION MARK

5 FEET. HEIGHT OF LIGHT ABOVE STATION WARK

		Dis	TANCE	╛.		
OBJECT	BEARING	FEET	METERS.	'	DIRECT	ON
Schoodic Mtn. Fire Tower, 1934 ZILCH 2 Bar Harbor Cong. Church Spire Sullivans House Chimney No. 1,	NNE WNW			00 45 304	00 35 59	00.0 50.6 29.4
1860 (East Sullivan Union Churoh Cupola)	nw			350	04	02,2

Station is located down the north slope of Schoodic Head, a rocky,

Station is located down the north slope of Schoodic Head, a rocky, timbered mountain, 230 feet due north from station SCHOODIC 1860, which is on the highest point of the hill.

To reach station from the main intersection in Winter Harbor, go east on State Highway 186 for 0.5 mile; take side road right and follow macedam road south along west side of Schoodic Peninsula for 4.0 miles to fork. Take left fork, a graveled road, through a pipe gate, and go 0.2 mile to fork. Take left fork and go 0.9 mile to end of truck travel just west of summit of hill. Pack north on dim trail up along ridge for about 150 yards to SCHOODIC 1860. Continue north. down alone. ridge for about 150 yards to SCHOODIC 1860. Continue north, down slope, for 230 feet to station.

Station mark is a standard reference mark disk stamped "SCHOODIC NO 3 1860", cemented in a drill hole in bedrock. A 6-inch-square post about 4 feet high, painted white, is centered over the mark.

U.S. DEPARTMENT OF COMMERCE

DIAGRAM

RECOVERY

**DESCRIPTION** OF TRIANGULATION STATION

NAME OF STATION: SCHOODIC RM 3

STATE: Maine

Hancock COBNTY

CHIEF OF PARTY: L.F. Smith

YEAR: 1971

DESCRIBED BY: R.F. Hanson

моте,* 128		DISTANCES AND DIRE	CTIONS TO	AZIMUTH MARK	REFERENCE	MÁRKS A	KD PRO	METERS.
	UNDERGROUND-STATION WARK OBJECT	OBJECTS WI	BEARING	E SEEN FROM T		1	IRECTI	ont
	Petit Manan Lighth SCHOODIC 1860 Gouldsboro Church Biroh Harbor, Shor Church	Spire	s ( n	230,271)	/	00 97 280 289	00 24 16 22	00.0 50.1 50.6

Station was established by traverse from SCHOODIC 1860. Located on an open, rocky point downslope to north from SCHOODIC, and 21.97 feet lower than SOHOODIC.

feet lower than SOHODDIO.

To reach station from the post office at Birch Herbor, go west
on State Route 186 for 1.9 miles; take T-road left and follow Moore
Rd. south for 1.35 miles; enter Acadia Park and continue for 2.35
miles to gravel road left. Go left on the gravel road for 0.25 mile;
take left fork and go 1.0 mile to end of road. Pack northeast along
pine-covered ridge top for about 150 yards to SCHOODIC 1860; continue
north, downelope, for 230 feet to station.

Station mark is a reference mark disk, stamped "SCHOODIC NO 3 1860",
cemented in a drill hole in small bedrock knob.

cemented in a drill hole in small bedrock knob.

#### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM Q 440682 STATION 1150
HAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

Form 525b (11-8-55) U.S. DEPARTMENT OF COMMERCE - COAST AND GEODETIC SCRIPT

DESCRIPTION OF TRIANGULATION INTERSECTION STATION

Name of Station: SURRY, Rad Sta WDEA, NE Mast

CHIEF OF PARTY: N.C.S.

YEAR: 1968 STATE: Maine

COUNTY: Handook

Description, including sketch of object:

The northeast one of the two radio masts on the west shore of Union River Bay, 2 miles south of Patten Bay and 2.9 miles southeast of Surry. The masts are 145 feet tall, guyed, 279 feet apart, painted in alternate bands of red and white, and a raised wooden walkway runs between them at ground level. The northeast mast is about 280 feet east of the road and close to the shoreline. The point observed was the red light on the top.

ADJUSTED HORIZONTAL CONTROL DATA

SURRY RAD STA WDEA NE MAST

OBS BY CGS

STATE: MAINE

YEAR: 1968

THIRD -GROER

SOURCE: G-12512

GEODETIC LATITUDE:	44 °28 '00 \$52380	£LEVATION:	WETERS
GEODETIC LONGITUDE:	68 28 09 85210		FEET

STATE COORDINATES (Ent)								
STATE & ZONE	CODE	×	Y	A ICAD OF ANGLE				
ME E	1801	507,987.33	230,911.11	+ 0°01′17″				

 $^{*}$  flane azimuth has been computed by the | heta| on  $\Delta|a|$  formula neglecting the second term.

TO STATION OR OBJECT		TIC AZIMUTH Som south)		E AZIVUTH	CODE
	۰	,		0 1 9	
·					
	i		ŀ		1 '

THESE DATA OBTAINED FROM ADJUSTMENT OF JUN 1977

MO 080

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM 0 440682 STATION 1151
HAINE
LATITUDE 44 000' TO 44 030'
LONGITUDE 68 000' TO 68 030'
DIAGRAM NL 19-11 BANGOR

Form 525b (11-8-55) U.S. DEPARTMENT OF COMMERCE - COAST AND GEODETIC SURVEY

#### DESCRIPTION OF TRIANGULATION INTERSECTION STATION

Name of Station: SURRY, Rad Sta WDEA, SW Mast

CHIEF OF PARTY: N.C.S.

Year: 1968 State: Maine

COUNTY: Hancock

Description, Including sketch of object:

The southwast one of the two radio masts on the west shore of Union River Bay. 2 miles south of Patten Bay and 2.9 miles southeast of Surry. The masts are 445 feet tall, guyed, 279 feet spart, painted in alternate bands of red and white, and a raised wooden walkway rums between them at ground level. The southwest mast is about 30 feet east of the road with an electronics building just south of it. Point observed was the red light on the top.

ADJUSTED HORIZONTAL	CONTROL	DATA
1102001 PK (1831FA018R	ASSIMOR	DAIR

SURRY RAD STA WOEA SW MAST

OBS BY CGS

MAII

1968

THIRD

-ORDER

G-12512

GEODÈTIC LATITUDE:	44°27′58.'94417	ELEVATION:	VETERS
GEODÈTIC LONGITUDE:	68 28 13.00639		FEET

		STATE EQUIDINATES (Feet)	•	
STATE & ZONE	CODE	×	¥	8 CA Q at ANGLE
HE E	1801	507,758.66	230,751.07	+ 0° 01′ 15°
		;		

FLANE AZIMUTH HAS BEEN CONFUTED BY THE |g| (CR  $\Delta$  0). FORMULA REGLECTING THE SECOND TERM,

TO STATION OR GBIECT	GEODETIC AZIWUTH (From south)	PLANE AZIMOTH * (From south)	CODE	
	c , +	0 , ,		
		1		
*		1		
		]		

THESE DATA OBTAINED FROM ADJUSTMENT OF JUN 1977

### HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM Q 440682 STATION 1152
MAINE
LATITUDE 44 ° 00' TO 44 ° 30'
LONGITUDE 68 ° 00' TO 68 ° 30'
DIAGRAM NL 19-11 BANGGR

Fora 525b (11-8-55) U.S. DEPARTMENT OF COMMERCE - COAST AND GEORGIC SURVEY

DESCRIPTION OF TRIANGULATION INTERSECTION STATION

NAME OF STATION: WINTER HARBOR STANDPIPE

CHIEF OF PARTY: N.C.S.

YEAR: 1968 STATE: Maine

County: Hancock

Description, including sketch of object: Located 0.9 mile east of the junction of Main and Newman Streets (where State Highway 186 turns north) in Winter Harbor, above the west end of Birch Marbor Pond and 150 feet south of the center of Highway 186.

A steel standpipe, painted white, 100 feet tall and 25 feet in diameter, with rounded roof and a vent in the center, which was the point observed.

To reach from the Post Office in Winter Marbor, go east on Main Street and State Highway 186 for 1.0 mile to the standpipe on the right.

ADJUSTED HORIZONTAL CONTROL DATA

WINTER HARBOR STANDPIPE

OBS BY CGS

STATE: MAINE

1965

THIRD

-ORDER

G-12512

	44 °23 '35 - 98228		7
GEODETIC LATITUDE:	68 04 00.73457	ELEVATION:	METERS
GEOGETIC LONGITUDE:	00 04 00.13431		FEET

STATE COORDINATES (Feel)				
STATE & ZONE	CODE	×	Y	8 ICRA GI ANGLE
ME E	1801	613,211.35	204:422.05	+ 0°18′11″
	į į	٠,		

\* Plane azimuth has been computed by the  $|\pmb{\theta}|$  for mula neglecting the second term,

TO STATION OR OBJECT	GEODETIC AZIMUTH (Fram south)	PLANE AZWUTH *  (From south)	CODE
	C #	6 ,	•

THESE DATA OBTAINED FROM ADJUSTMENT OF JUN 1977

WO 088

.

SEP 1977

J. S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SURVEY • NATIONAL GEODETIC SURVEY

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1153
MAINE
LATITUDE 44 ° OC' TO 44 ° 30'
LONGITUDE 68 ° OO' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

#### ADJUSTED HORIZONTAL CONTROL DATA

OROMER (Hancock County, Maine, F.P.W., 1861) -- On a high hill known as Mount Oromer about 2 1/2 miles to the southward and eastward of Gouldsboro. It is about 1/2 mile W of Grand Marsh Bay, a branch of Gouldsboro Harbor. The road from Goldsboro to Prospect Harbor passes along the E foot of the hill.

The station is marked by a hole drilled in a rock.

CROMER (Hancock County, Maine, F.P.W., 1861; Maine Geod.S., 1929) -- Station mark not found. The summit consists of ledges, partly bare and partly covered with low-growing vegetation, much like SCHOODIC. The view towards the N and W is largely obscured by trees.

OROMER (Hancock County, Maine, F.P.W., 1861; Maine Geod.S., 1930)—This station was unsuccessfully searched for in the summer of 1929, but on August 28, 1930 I found a pile of stones partly hidden under the low-spreading branches of a spruce tree on a ledge at the highest point of the hill. This probably marked the location of the station, but the drill hole could not be found. The ledge at this point was much weathered and was covered for the most part with gravel and spruce needles. I think that the drill hole probably no longer exists, because of disintegration of the rock.

OROMER (Hancock County, Maine, F.P.W., 1861; K.G.C., 1934) -- The station is lost. The ledge on which the station was evidently situated is badly broken up by the roots of trees and it does not seem possible that the drill hole which marked the station can still be in existence.

CROMBER (Hancock County, Maine, F. P. W., 1861; F. L. P., 1944)

Station reported lost by both

Haine Geodetic Survey and K.G.C. in 1934. As a well marked station, Cromer 2, 1934, is in immediate vicinity, and no extensive
search was made for it.

NAME OF STATION:		
STATE: NA I NE	YEAR: 1861	THIRD
	· ·	-0 ROE

G- 6793

CROMER

GEODETIC LATITUDE: 44 °26 '32 °68 GEODETIC LATITUDE: 68 01 17.03	\$UXUED	73 METERS
--	---------	-----------

		STATE COORDINATES (Feet)	)	
STATE & ZONE	CODE	×	Y	8 DAY ALANGLE
ME E	1801	624,992.62	222,380.23	+ 0.50.09

TO STATION OR GOZECT	TO STATION OR DOLECT GEODETIC AZIVUTH (From 1021b) (		
	0 1 1	0 , ,	
		1	
	1	1	

POSITION DETERMINED BY DATUM DIFFERENCES

51 505

7

# HORIZUNTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682 STATION 1154
MAI NE
LANTUDE 44 ° 0C' TO 44 ° 30'
LONGITUDE 68 ° 0C' TO 68 ° 30'
DIAGRAM NL 19-11 BANGOR

NO TEXT

ADJUSTED HORIZONTAL CONTROL DATA

CRABTREE

MA INE

YEAR: 1865

THIRD

-080£8

G- 6793

GEODETIC LATITUDE:	44 °28 '01.60	ELEVATION:	NETERS
GEODETIC LONGITUDE:	68 13 44.64		FEET

STATE COORDINATES (Feet)				
STATE & ZONE	CODE	×	Y	# :CR A + ANGLE
ME E	1801	570,727.53	231,135.73	+ 0°11′23′

 $^{*}$  plane azimuth has been covputed by the  $|\theta|$  ior  $\Delta$   $|\Phi|$  for vula reglecting the second term.

TO STATION OR OBJECT	HTUWISA SIFEGOED (dicce mort)	FLANE AZIMUTH <sup>E</sup> (From 50±th)	CODE
	° , "	٠, ٠	•

POSITION DETERMINED BY DATUM DIFFERENCES

52 015

	(	
		(* · · ·
		(
		(
		(

JAN 1978

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

### HORIZOLLAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682

STATION 1155

LATITUDE LONGITUDE DIAGRAM

44°00′ 10 44°30′ 68°00′ 10 68°30′ NL 19-11

DESCRIPTION TRIANGULATION STATION

WE OF STATION: Bench Lark / 69 . ABLISHED BY: C.F.Kerrian RECOVERED BY: N.C.S.

YEAR: 1965 YEAR: 1965 STATE: Maine BENCH MARK(S) ALSO K\_ County: Hancock

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN:

At Prospect Harbor, Maine

Detailed statement as to the fitness of the original description; including marks found, sumpless, changes made, and other partitions facts:

(A bench mark used for local horizontal control.) Station mark is a standard bench mark disk stanged W 69 1935, set in a drill hole in exposed bedrock that projects I foot. It is between the present fire station (formerly school), and Prospect Harbor Methodist Church, on church prop-

erty, 47 feet west of the center of State Highway 186.

RX 1 is e standard disk stamped W 69 kO 1 1965, set in a drill hole in tedrock outcomp (note 12e) that projects about 1 foot. It is west of the road at the right-of-way line and 31 feet southwest of transmission pole No. 124/52.

-	OBJECT RAY 1950 PROSPECT HARBOR TALL CHURCH SPIRE 1934 PROSPECT HARBOR METHODIST CHURCH SPIRE RN 1	BEARING SW SW N NE	544.68 180 300 35.24	ft.	(Approx.)	0 10	EOTI 00 29 31 11	00
	RAY 1950 RM 1	s	300	ņ	n	355	25	

ADJUSTED HORIZONTAL CONTROL DATA

NAVE OF STATION BENCH MARK W 69

STATE: MAINE

YEAR 1965

SECONDORDER

SOURCE: G-12512

GEGOETIC LATITUDE:	44	24 24.70474	ELEVATION	20 WETERS
GEODETIC LONGITUDE:	68	01 39.56025	SCALED	PEST

STATE COOPDINATES (Feet)				
STATE & ZONE	CODE	×	+	9 CRA GIANGLE
ME E	1801	623,432.94	209,412.23	+ 0 19 50

FLANE AZINUTH HAS BEEN COUPUTED BY THE  $ar{g}$  (CR $oldsymbol{\Delta}$  a). FORWILA NEGLECTING THE SECOND TERM,

TO STATION OR OBJECT	GEODÉTIC AZIVUTH (Promisenth)	FLANE AZIMUTH (Browseldh)	CODE
	e , ,	c + #	

THESE DATA OBTAINED FROM ADJUSTMENT OF APR 1977

WO- 055

JAN 1978

AIRLINE DISTANCE AND DIRECTION FROM NEAREST TOWN:

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

YEAR: 1950

YEAR: 1965

### HORIZONTAL C. ATROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682

ADJUSTED HORIZONTAL CONTROL DATA

STATION 1156

LATITUDE 44 ° 00' TO 44° 30' LONGITUDE 68 ° 00' TO 68° 30' DIAGRAM NL 19-11 BANGOR

DESCRIPTION

TRIANGULATION STATION

COUNTY: Fancock

BENCH MARK(\$) ALSO X

NAME OF STATION

R

RAY

MAINE

YEAR 1965

SECOND ORDER

at Prospect Harbor.

STATE: Maine

Detailed statement as to the hittess of the original description; unliking marks found, stumpings, changes made, and other pertonent facts:

Station mark is a standard disk stamped RAY 1950, set in a drill hole in the highest part of a large area of exposed bedrock (Note 2), that is only slightly above surrounding contours. It is 155 feet south of the southest corner of Prospect Earbor Community House(same building as PROSPECT MARBOR TALL CRUREN SPIRE 1954), and about the sume distance west of State Highway 186, on land of Nickerson.

RN 1 is a standard disk stamped RAY NO 1 1950, set in a drill hole in a rounded exposure of bedrock (Note 12e) northeast of and about the same elevation as the station mark.

OBJECT	SChatcly Onlhast	DIRECTION
PROSPECT FARBOR LIGHTHOUSE 1954 PROSPECT FARBOR TALL CHURCH SPIRE 1954 8 69 RM 1	Feet meters SE (approx. 0.7 mile) K (approx. 160 feet) RE 544.63 105.058 E 45.41 15.255	

DEPARTMENT OF COMMERCE B. S. GUST NO SECURITY STATION

NAME OF STATION: RAY

NAME OF STATION: RAY

ESTABLISHED BY: C.f. Mer riam

RECOVERED BY: N.J.S.

ESTABLISHED BY: C. F.M. YES
RECOVERED BY:\* RRG YES

YEAR: 1950 STATE: Maine YEAR: 1966 COUNTY Hancock

Detailed statement as to the fitness of the original description; including marks found, stampings, changes made, and other pertinent facts:

The station and reference mark No. 1 was recovered and in good

condition.

The station may be reached by going 0.25 mile south along State Highway 186 from the post office at Prospect Harbor. The station is located on the highest part of a large area of exposed bedrock, 135 feet west of the center line of the highway, 136 feet south of the southeast corner of the Community House, and about 4 feet above the level of the highway. The disk is stamped RAY 1950.

RAY RM NO. 1 is 43.3 feet northeast of the station, 108 feet west of the center line of the highway, 107 feet southeast of the southeast corner of the Community House and about 3 feet above the level of the highway. The disk is stamped RAY NO 1 1950.

\*Name of chief of party about the interior law. The officer who actually whited the station should sign the name at the end of the recovery note.

Note—One of these forms must be need for every station recovered.

Commo

SOURCE: 0-12512

| 00000110 LANTUDE: 44 24 21.31609 | ELEVATION: 20 VEHEAS | SCALED | FEET |

		STATE COORDINATES (Fr.	21)	
STATE & ZONE	CODE	×	f	8 CAT TO WASHE.
ME E	1801	623,402.63	209,068.92	+ 0 19 50

FLANE AZIMUTH HAS BEEN CONFUTED BY THE |g| or  $\Delta$  |a| formula neglecting the second term.

TO STATION OR OBJECT	GEODÉTIC AZIVUTH (From souté)	FLANE AZIVUTH (From south)	CODE
PROSPECT HARBOR LH	285 02 35.9	284 42 46	1801
	1		

THESE DATA OBTAINED FROM ADJUSTMENT OF APR 1977

WO -076

JAN 1978

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

See station UNION.

### HORIZONTAL CONTROL DATA

by the National Ocean Survey NORTH AMERICAN 1927 DATUM QUAD 440682

STATION 1157

LATITUDE LONGITUDE DIAGRAM

44 00 ' TO 44 30 68 00 ' TO 68 30 ' NL -19-11 BANGOR

ADJUSTED HORIZONTAL CONTROL DATA

NAME OF STATION UNION ECC

STATE. MAINE

VEAR: 1968

SECOND -ORDER

SOURCE: G-12512

GEODETIC LATITUDE:	44 27 51.34094	ELEVATION	VETERS
GEODETIC LONGITUDE:	68 25 46.42672		FEET

STATE COORDINATES (Feet)				
STATE & ZONE	CODE	×	Y	e ce∆ a: Ascut
ME E	1801	518,388.577	229,987.687	+ 0 02 57.6

 $^4$  plane azimuth has been computed by the  $|\theta|$  -C9 $\Delta$   $|\alpha|$  formula neglecting the second term.

10 STATION OR OBJECT	GEODETIC AZ-MUTH  (from scalb)	FLANE AZIMUTH * (From scath)	CODE
		•	
			ļ
	,	į l	

W0-087