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437^a & 556^a

U.S. SURVEY,
DEPT. OF COMMERCE AND LABOUR
JAN 28 1911
No.

Department of Commerce and Labor

COAST AND GEODETIC SURVEY

Superintendent.

State: _____

DESCRIPTIVE REPORT.

Sheet No. _____

LOCALITY:

190

CHIEF OF PARTY:

E. B. Latham

341A 396A 397A
437A 556A

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467^a & 556^a

U.S. SURVEY, J.
L. AND RECEIVER

JAN 28 1911

Department of Commerce and Labor

COAST AND GEODETIC SURVEY

Superintendent.

State:

DESCRIPTIVE REPORT.

Topographic Sheet No.

LOCALITY:

190

CHIEF OF PARTY:

E. B. Latham

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467A 556A

COAST AND
GEODETIC SURVEY

JAN 28 1911

REFERRED TO
Assistant in Charge.

Descriptive Report to Accompany

Tracings from Topographic Sheets.

Nos. 340-397-341-396-556-467-

Showing Changes for Chart publication and revision

The work, of which these tracings show the result, was done in compliance with instructions dated March 26th 1910 and subsequent supplemental instructions.

The tracings are from photographic reproductions of the original sheets, and while the projection on them does not closely fit the projections on the original sheets, the discrepancy is small and will cause no especial difficulty in the transfer or reduction of the features shown.

The method of indicating the changes and additions to be made on these sheets, so far as known, is new.

It now saves about 50% of time to the officer in the field, over making a complete sheet from the original sheets and the data to revise them to date.

The use of the two tracings will take not more than (10%) more time to make the reduction from than if a complete new sheet were drawn.

It was expected that the black tracings should be placed over the original topographic sheet and

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the tracing in red ink so placed as to be seen and used as a guide for omission and change in the original sheets.

The shore line South and East of Annisquam is composed of solid rock in place or the beach is fringed with large and numerous rocks. There is no change in its position, except where there are short stretches of sandy shore. The shift in position is only about 30 (thirty) metres, since 1850 to 1853. The shore line West and North from Annisquam is sandy and the change is somewhat greater. Along the shores of Castle Neck, from 1 to 2 metres per year. The greatest change noted is the inside of the lower (southern) end of Plum Island. When the change has been 435 metres since 1853, about 8 metres per year. The improvement in the alignment of roads, the building of houses, and the extending of the Boston and Maine railroad from Gloucester to Rockport are the changes noted.

This region is most attractive as a summer residential section. Numerous homes, cottages, hotels and boarding houses serve a summer population of from 20, to 30,000 during the season. June to October.

Roads constructed under supervision of the Massachusetts Highways Commission and the City Engineer of Gloucester, are numerous and well constructed and are kept in

Excellent repair, being constantly surfaced and oiled during the summer months.

Rail communication is excellent, the Boston and Maine railway furnish excellent service over the Gloucester Branch to Gloucester and Rockport, and over to Essex branch to Essex and Conoma.

Passenger service between the towns of Beverly, Essex Ipswich Gloucester and Rockport is afforded by the Boston and Northern Electric road.

The Gloucester and Boston Steam Boat line, have a daily steamer throughout the year and a double daily service, during the summer months.

Gloucester is the first fishing port of the country, with a population of about 20,000. The schooners, in which the fishing is done, are exceptionally well built and heavily sparred, they fish from Cape Charles to Greenland. The curing and preparation of fish for food, and the manufacture of glue from the skins etc of fish are the main industries.

There are numerous quarries for granite paving stone and for structural purposes in the vicinity of Rockport Lanesville and Annisquam. A special report as to needs for additional hydrographic surveys, as directed in Supplemental instructions is submitted.

Washington Jan 28-1911

E. B. S.atham Assoc. CRES.
Chief of Party

GEOGRAPHIC

Locality
11-678

Topograph positions, Sheet No 467

Datum.

B. S. datum, as set

STATIONS.	LATITUDE. ° ' "	Seconds in Meters.	LONGITUDE. ° ' "	Seconds in Meters.	
Hill. Fog pol. near bluff on Castle Hill, has lampmast. (Sent down 1910)	42 41	772 ✓	70 46	815 ✓	
New. S.W. corner of R. J. Terane Jr. house (very prominent)	42 41	216 ✓	70 46	1030 ✓	
Bar. Marked with an eight-inch terracotta pipe and 2-2x2 pine stakes. (1) North 10 ft (1) East 11.0 feet.	42 41	988 ✓	70 47	362 ✓	
Up. Marked by an 8-inch terracotta pipe 131 ft from Dr. Bailey's Cottage 79 feet from Jean Spearing's Cottage. In on N. side Plum do dauna N. side Ipswich River near bluff	42 41	1384 ✓	70 47	506 ✓	
Spindle	42 41 10	1610 ✓	70 47	48 ✓	
Bar. Marked with an 8" terracotta pipe and 2 pine stakes 2x2" (1) West 10.2 ft (1) NW. 13.0 ft. Key box of Life Saving Sta. 98.7 ft	42 42	470 ✓	70 46	436 ✓	

Do not write in this margin.

GEOGRAPHIC

Locality

11-878

Datum.

STATIONS.	LATITUDE.			LONGITUDE.		
	°	'	Seconds in Meters.	°	'	Seconds in Meters.
Key box. Small unpainted shelter of Life Saving Station	42	42	462	70	46	477 ✓
Jour. Tower of barn very prominent.	42	42	1050	70	47	138 ✓

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GEOGRAPHIC

Locality
11-676

Topographic positions. Sheet No 557.

Datum.
Edinburgh 1910

STATIONS.	LATITUDE. " "	Seconds in Meters.	LONGITUDE. " "	Seconds in Meters.
Chimney. Yellow house white top ch. of two yellow houses.	42 40	1288	70 45	1208 ✓
Shanty. ch. of, near top of sand hill	42 40	1278	70 45	870 ✓
Mid. marked by pile of glass bottles boulders, on high hill near shore	42 40	730	70 44	108 ✓
Tree. small lone, bushy tree near middle of Point	42 40	92	70 43	1288 ✓
End. Markers with 8" terra cotta pipe. with 2- 2x2" pine stubs as witness marks. 1. 10m and Callage 14.9 ft. 1. 10m and Point 9.8 ft.	42 39	1708	70 43	1244 ✓
Spindle. off Sackham end Castle Neck	42 39	1827	70 43	868 ✓
Red. markers with 8" terracotta pipe. near small stone, red roofed house	42 39	1170	70 44	944 ✓
Con. Westernmost of two stone houses, on Mo Penny Shoaf. Has. red top Conical tower	42 39	1380	70 40	140 ✓

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GEOGRAPHIC

Locality

Datum.

11-676

STATIONS.	LATITUDE.	Seconds in Meters.	LONGITUDE.	Seconds in Meters.
Chimney. Square stone Chimney of Easternmost of two stone houses on Mrs Penny Island.	42 39	1356 ✓	70 43	130 ✓
Spindle.	42 39	995 ✓	70 43	580 ✓
Hi. Flag pole of house on Lane Hill. E. side Essex River.	42 38	1835 ✓	70 43	120 ✓
Dix. Flag pole Dixons house. (Chas. W. L. Sea 100 metres S.E.)	42 38	1693 ✓	70 43	642 ✓
Yel. Square yellow tower near Bonomo Point. Known locally as the Light-house.	42 39	00 ✓	70 44	950 ✓
Po. The Cupola of the poor house farm. Yellow house. Cupola in center	42 39 38	1347 ✓	70 44	1180 ✓

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U. S. G. SURVEY,
LIBRARY AND ARCHIVES
OCT 26 1910
Acc No.

Department of Commerce and Labor
COAST AND GEODETIC SURVEY

Superintendent.

State: *Mass*

DESCRIPTIVE REPORT.

Top

Sheet No. *340*

LOCALITY:

*Salam Harbor - Bever
ly farms to Kettle Cove*

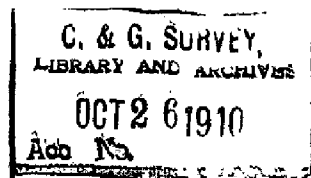
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CHIEF OF PARTY:

Latham

COAST AND
GEODETIC SURVEY
OCT 25 1910
REFERRED TO:

340a



Topographic Sheet No 340 =

Descriptive report, to accompany tracings from the original sheet, by E. S. Satham, Assist., Chief of Party.

These tracings (two) in red and black ink show; the one in red; such topographic features as either no longer exist or are found to be of different form, from that indicated on the original sheet. The tracing in black shows new and changed topographic features. The topography of the region will be correctly shown by making the erasures indicated, on the original sheet and on such charts as are affected by sheet No 340, and then adding the objects etc shown on the tracing in black ink.

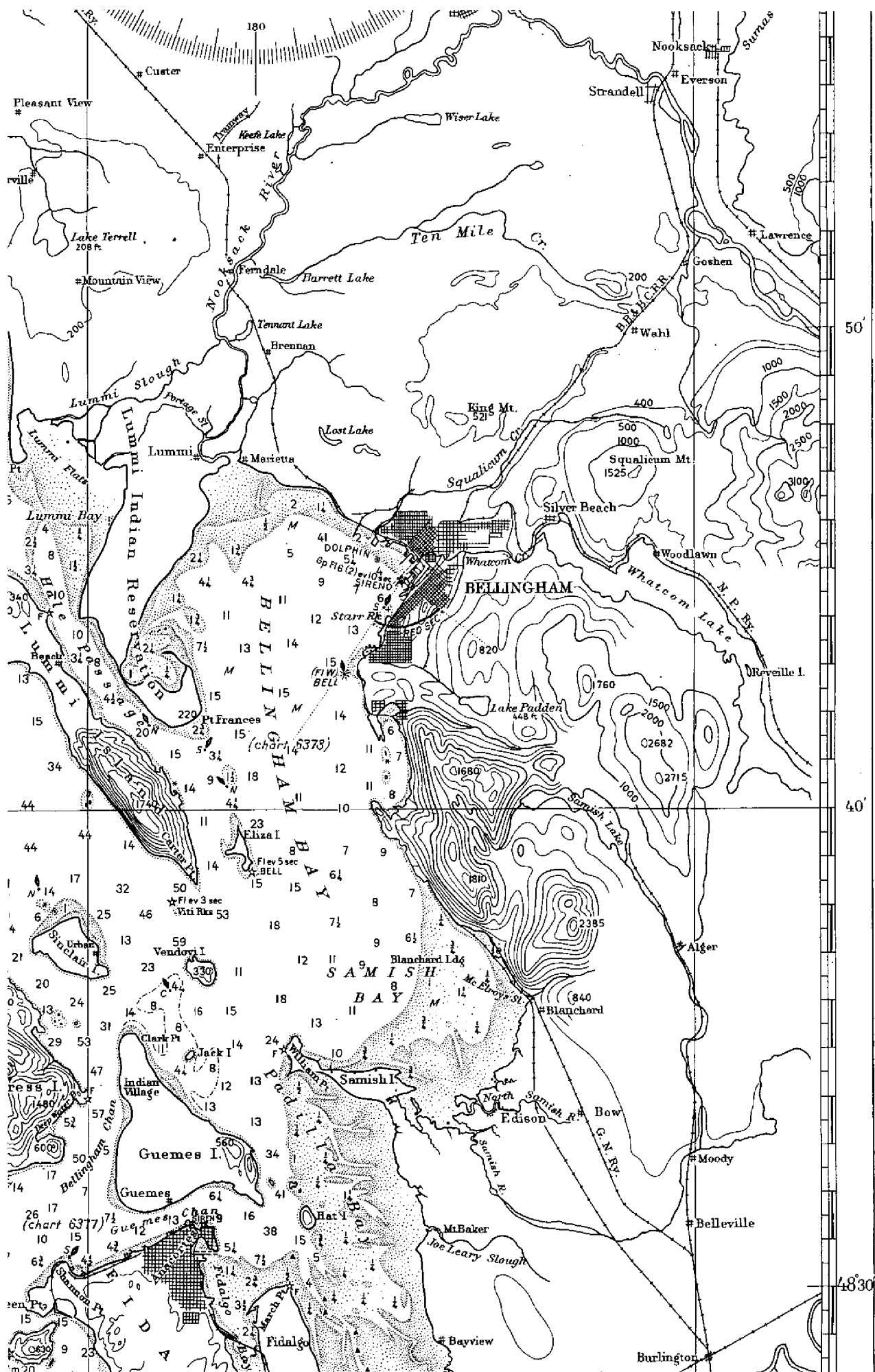
The shore line at the sand beaches and marsh area has slightly changed in position and form. The old roads and houses are practically unchanged from positions as shown on the old sheet, the new roads etc are indicated, on the above mentioned, tracing in black ink.

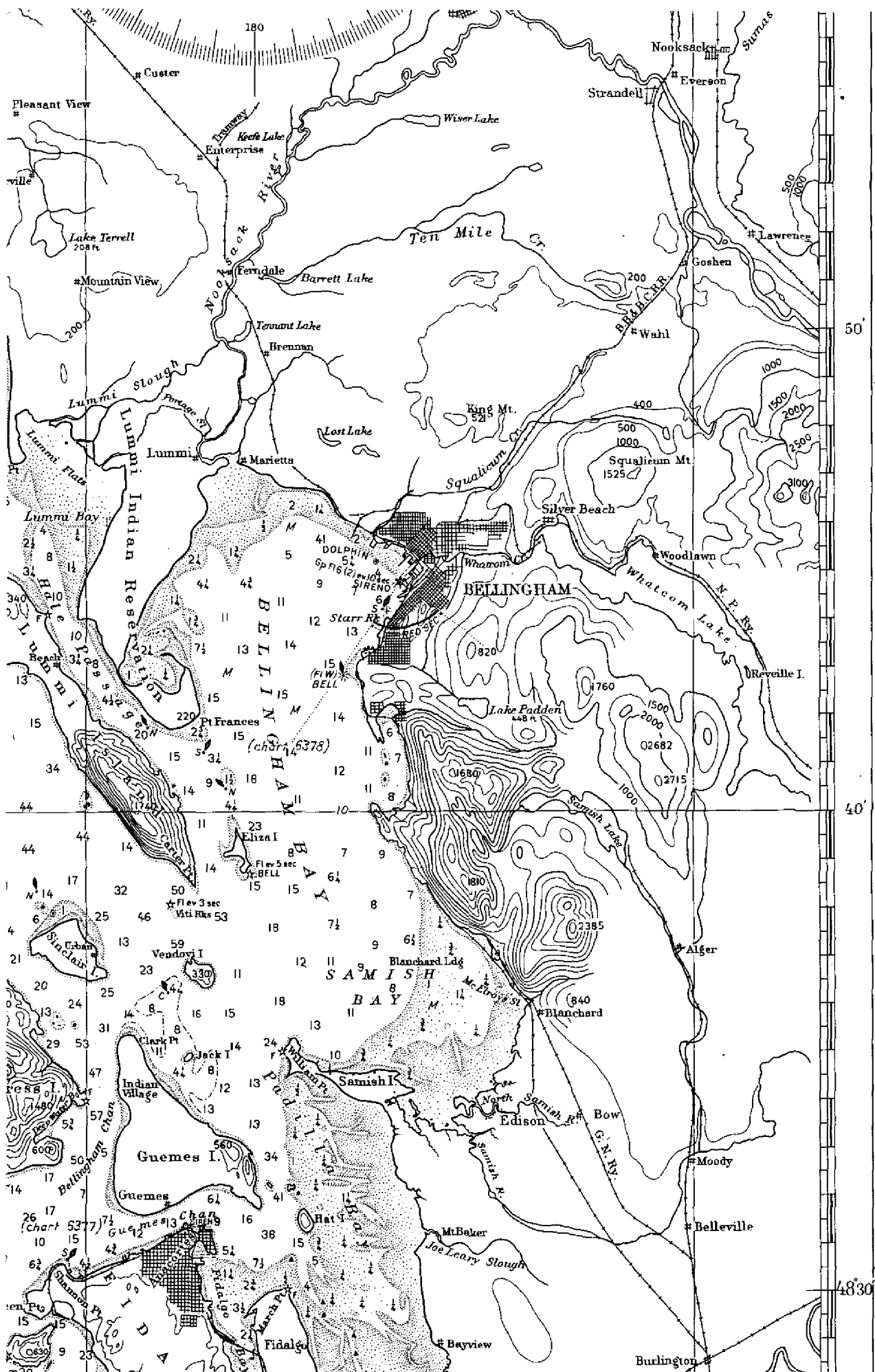
Respectfully

E. S. Satham assist. C. of P.
Chief of Party.

Gloucester, Mass.

Oct 22-1910





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