MEMORANDUM

State of Alaska
DEPARTMENT OF FISH AND GAME

TO: Dave Hardy
Habitat Biologist
Sitka

DATE: May 15, 1996

THRU:

TELEPHONE NO: 465-4205

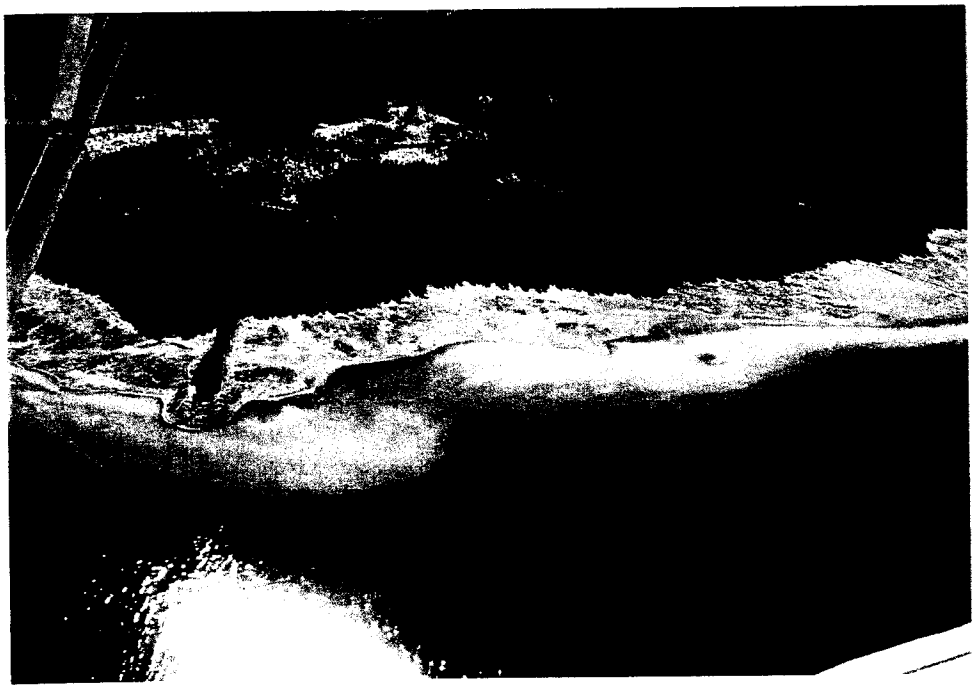
FAX NO: 465-4944

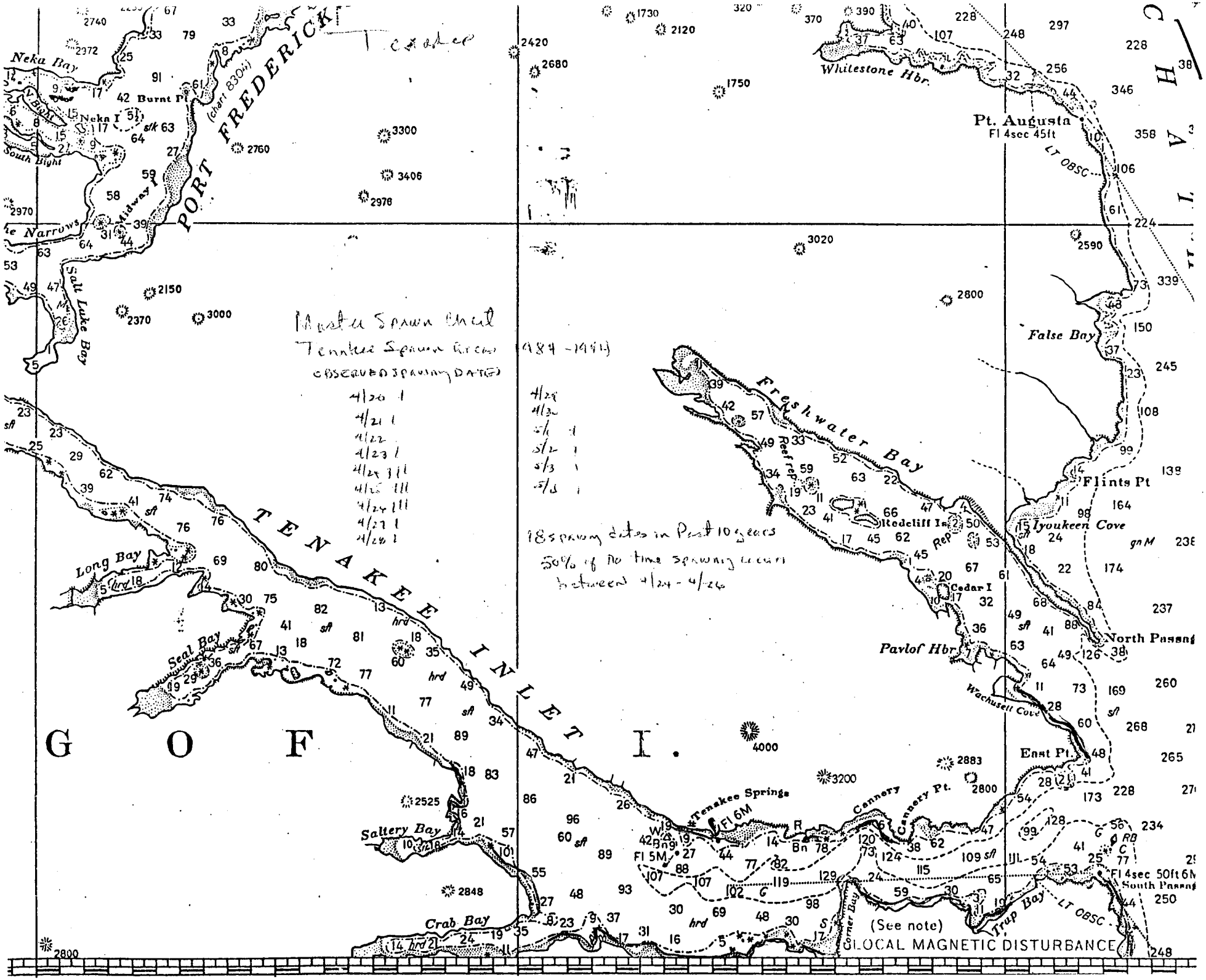
FROM: Andy McGregor
Juneau Area Management Biologist
Commercial Fisheries Management
Development Division
Douglas Office

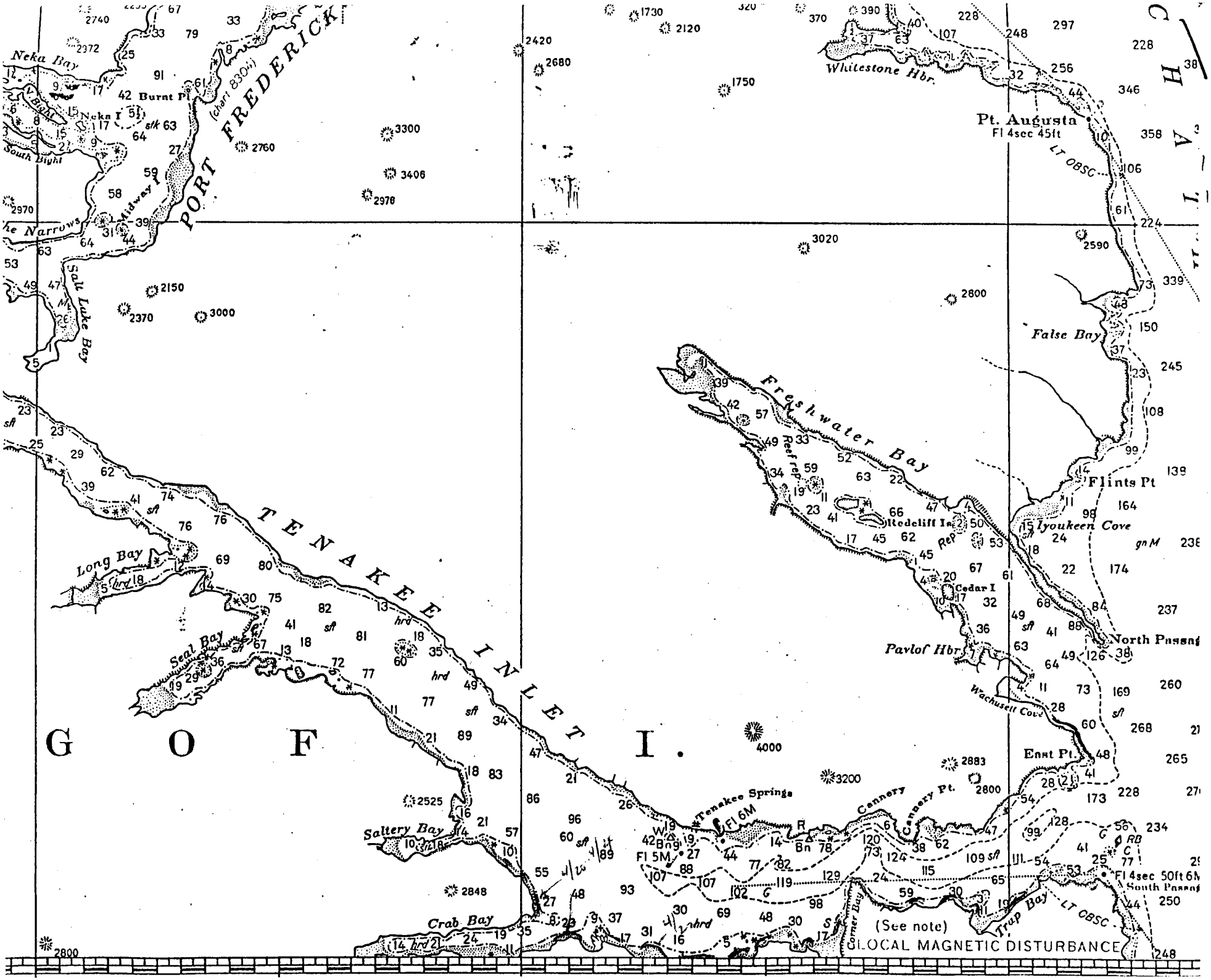
SUBJECT: A Picture is worth 1,000 Words

I thought you and Lana would be interested in this picture I took over at the old Crab Bay log transfer site two weeks ago. We recorded over 13 miles of herring spawn this month in Tenakee Inlet, evidence of the strongest year class of herring arriving in many many years. As a matter of fact, this spawn mileage will likely be the highest we've ever documented. As this picture shows, the old Crab Bay LTF was most definitely used as an important spawning site. Also of interest is that these fish showed up at the LTF site with a very minimal amount of staging in the area which would have made it virtually impossible to have halted log transfer activities, had they been occurring, from affecting spawning activities to some degree.

cc: Flanders




Tenakee
PORT FREDERICK
(chart 830H)
Neka Bay
Burnt Pt
Neka I
South Bight
Midway
Narrows
Salt Lake Bay
Whitestone Hbr
Pt. Augusta
Fl 4sec 45ft
LT OBSC
False Bay
Freshwater Bay
Reef rep
Redcliff Is
Flints Pt
Iyoukeen Cove
Cedar I
Pavlof Hbr
North Passag
Wachusett Cove
East Pt
South Passag
Fl 4sec 50ft 6M
Trap Bay
LT OBSC
TENAKEE INLET
Long Bay
Seal Bay
Saltery Bay
Crab Bay
Tenakee Springs
Fl 6M
Fl 5M
Cannery
Cannery Pt
Corner Bay
(See note)
LOCAL MAGNETIC DISTURBANCE
G O F I.
Master Spawn Chart
Tenakee Spawn Areas (1984-1991)
OBSERVED SPAWNING DATES
4/20 1
4/21 1
4/22
4/23 1
4/24 III
4/25 III
4/26 III
4/27 1
4/28 1
4/24
4/26
5/1 1
5/2 1
5/3 1
5/5 1
18 spawn dates in Past 10 years
50% of the time spawning occurs between 4/24 - 4/26



Neka Bay
Burnt Pt
Neka I
South Bight
PORT FREDERICK
(chart 8304)
Midway I
Salt Lake Bay
Whitestone Hbr.
Pt. Augusta
Fl 4sec 45ft
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False Bay
Freshwater Bay
Reef rep
Redcliff Is
Rep
Cedar I
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G O F I.
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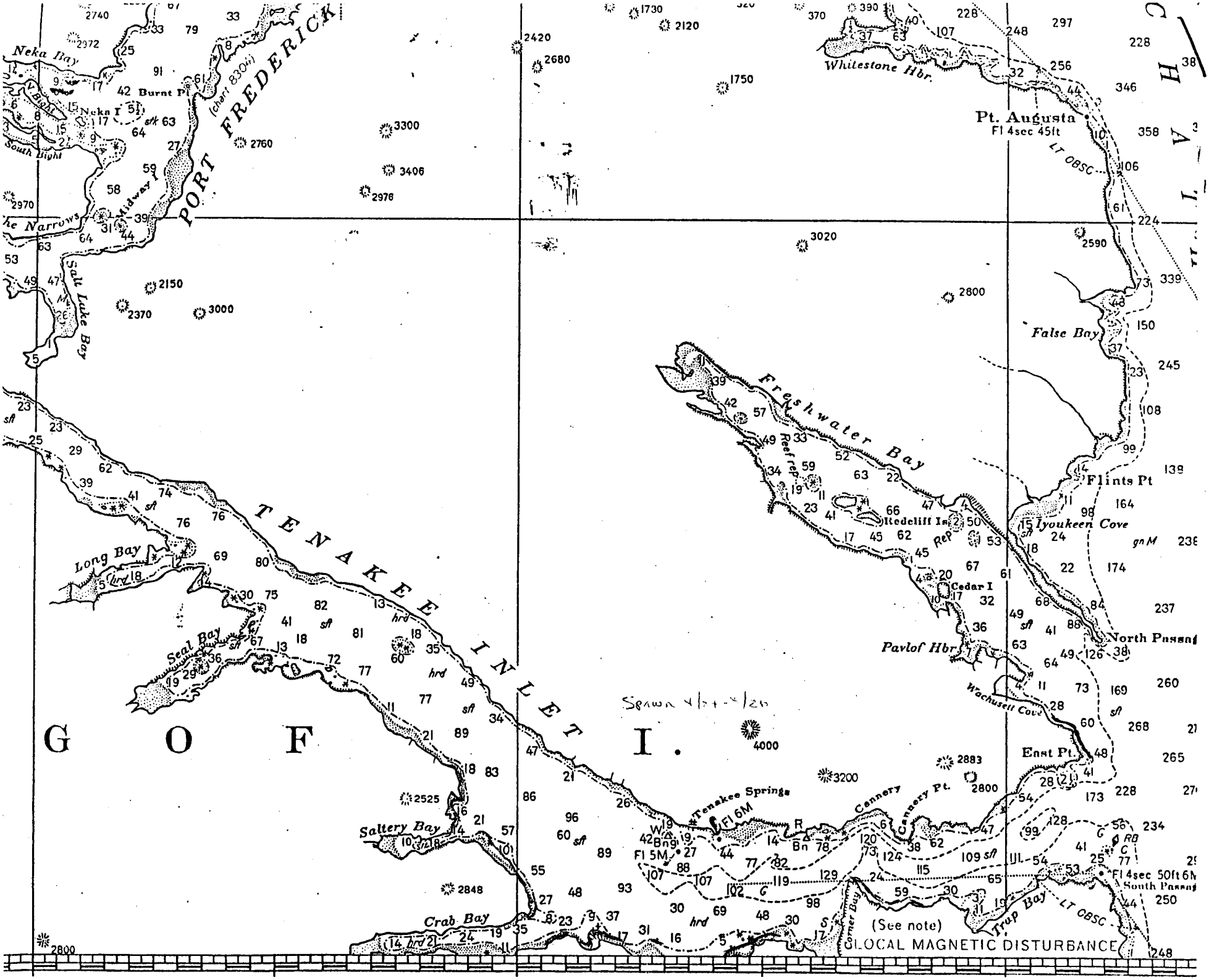
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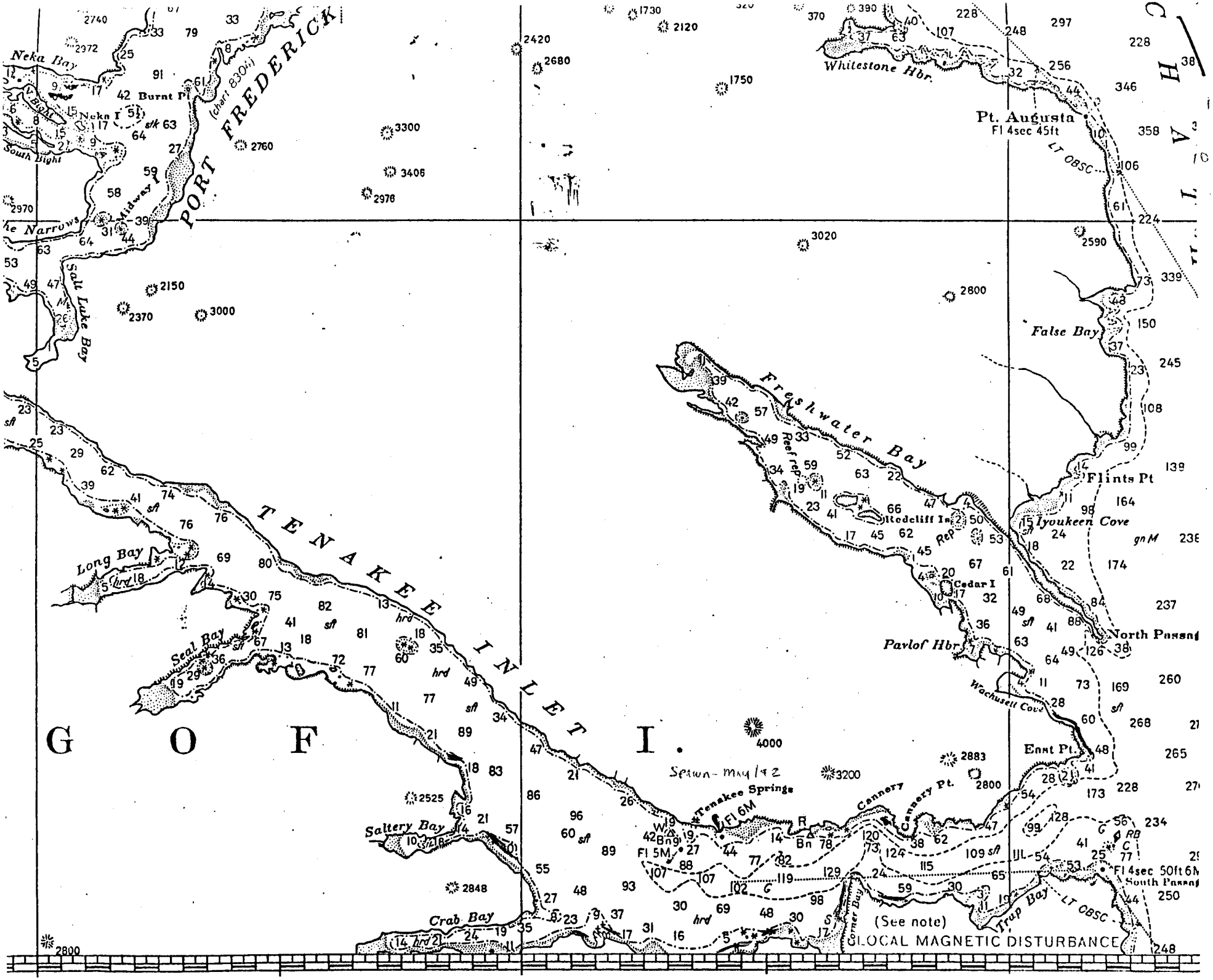

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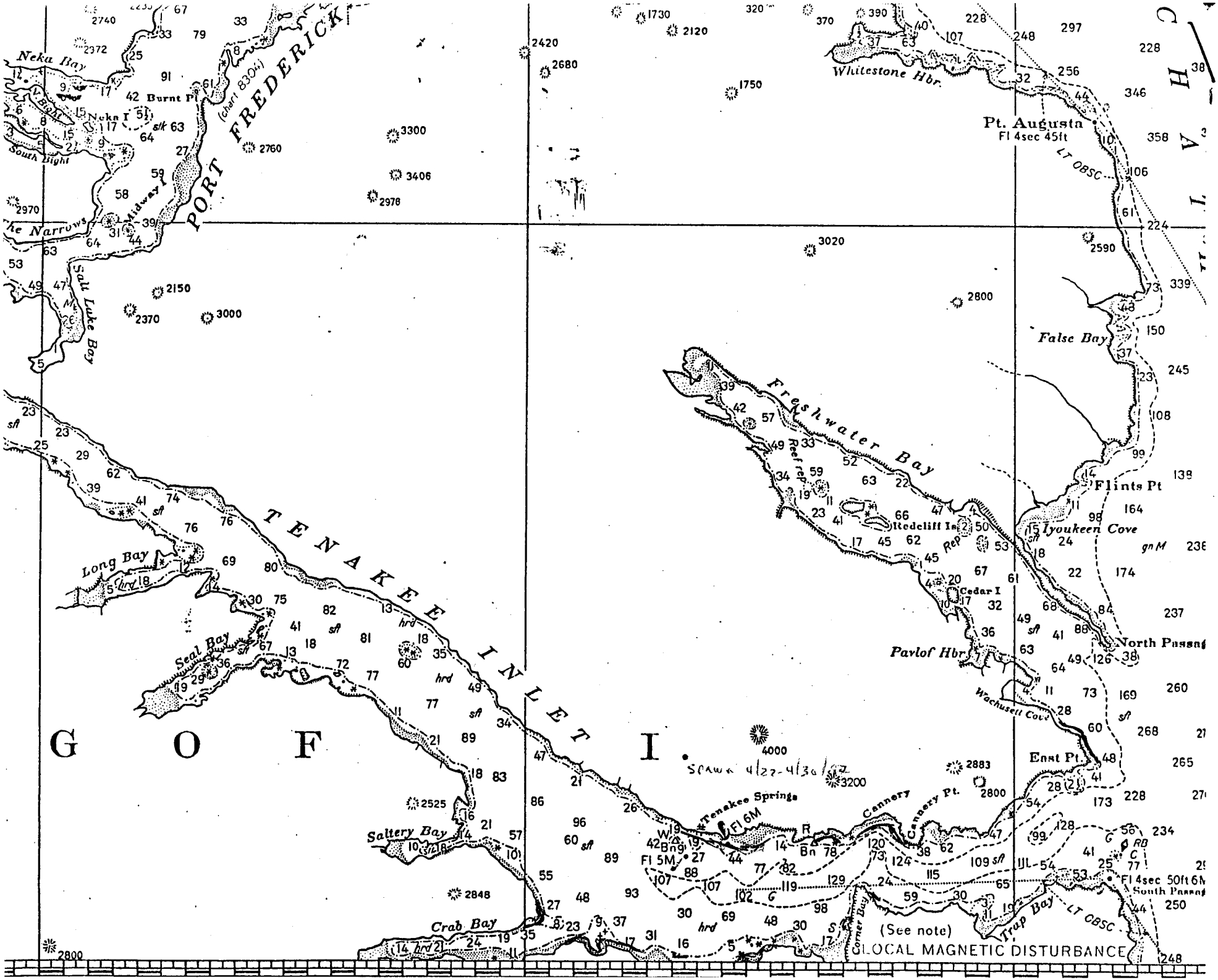
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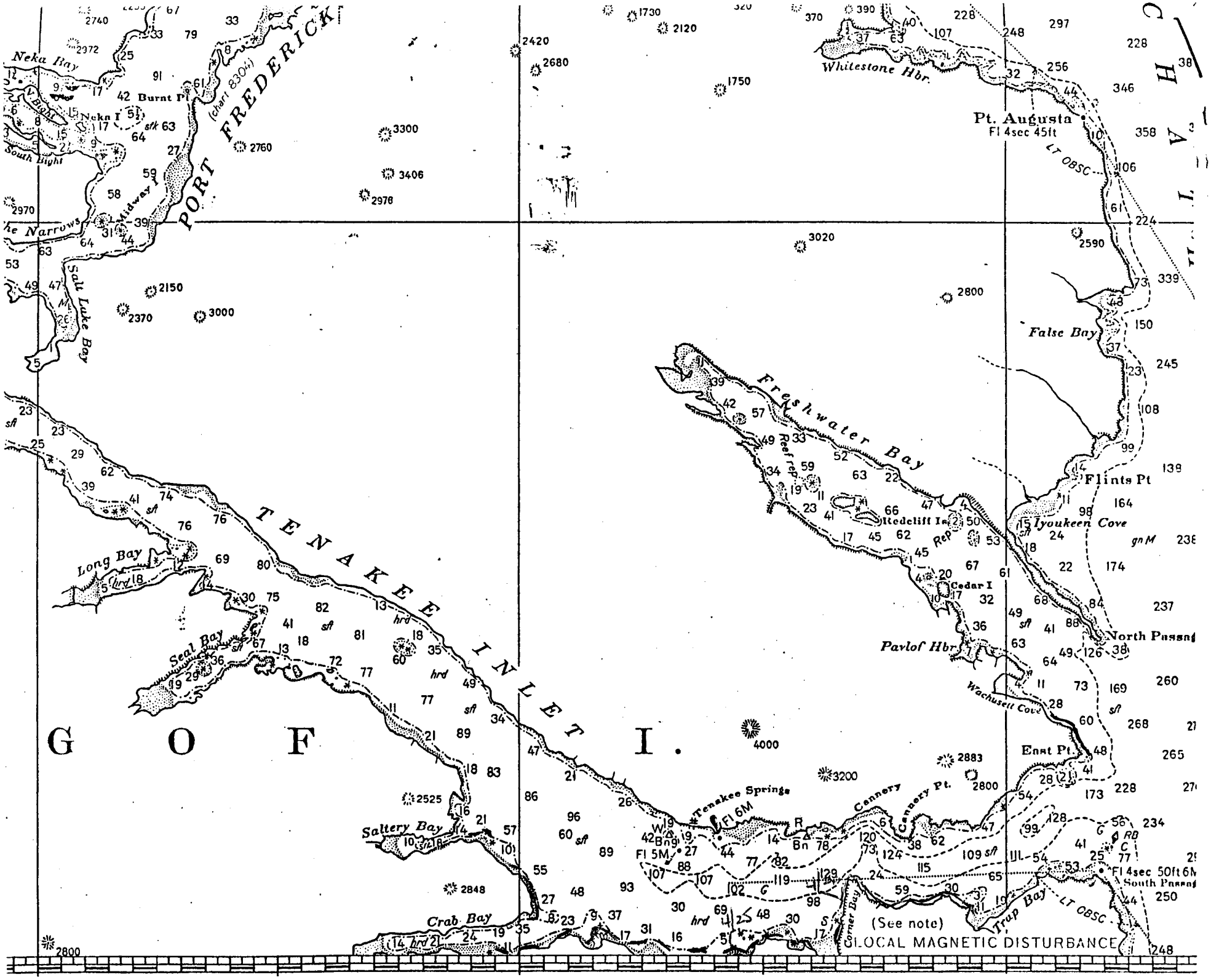
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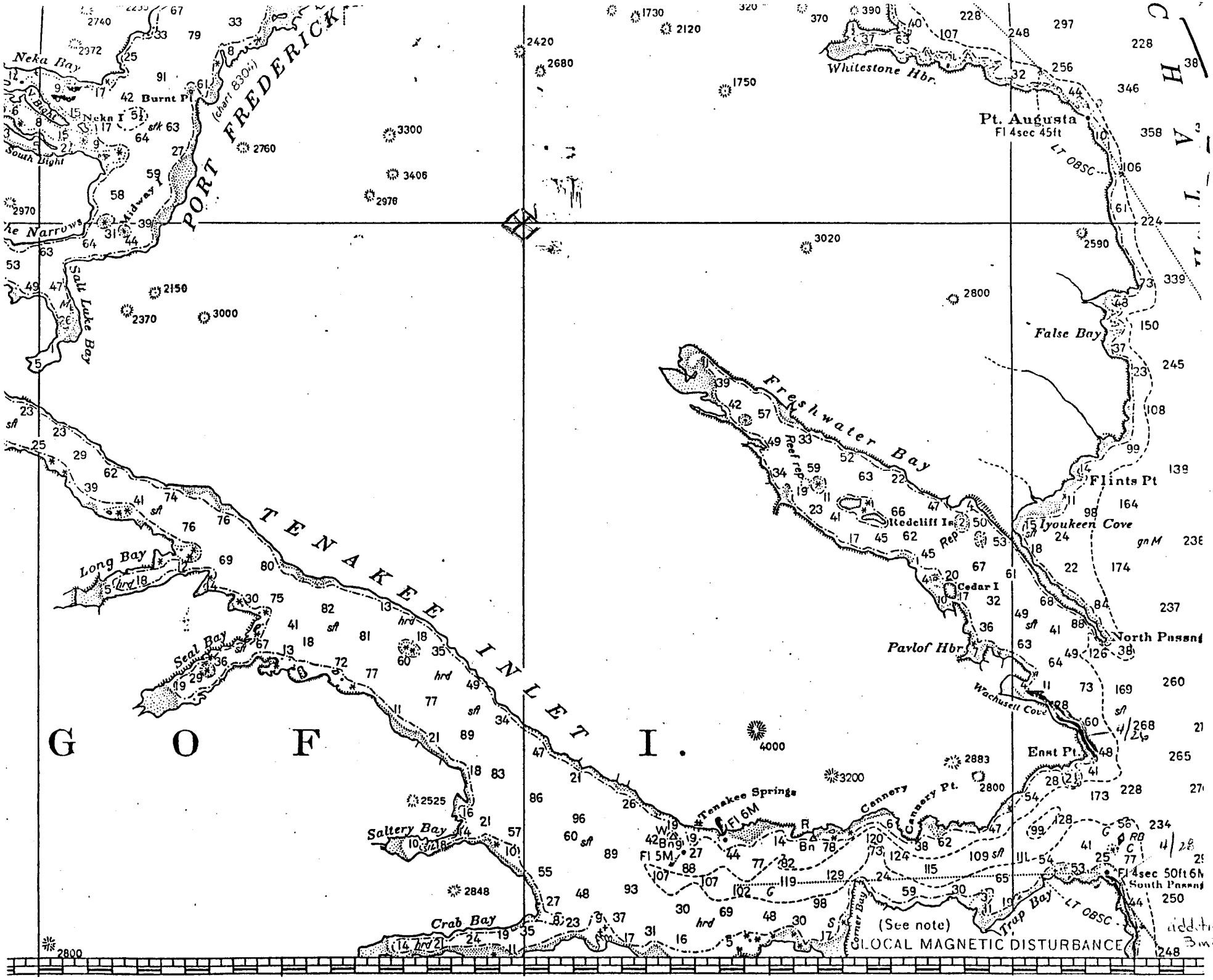
G O F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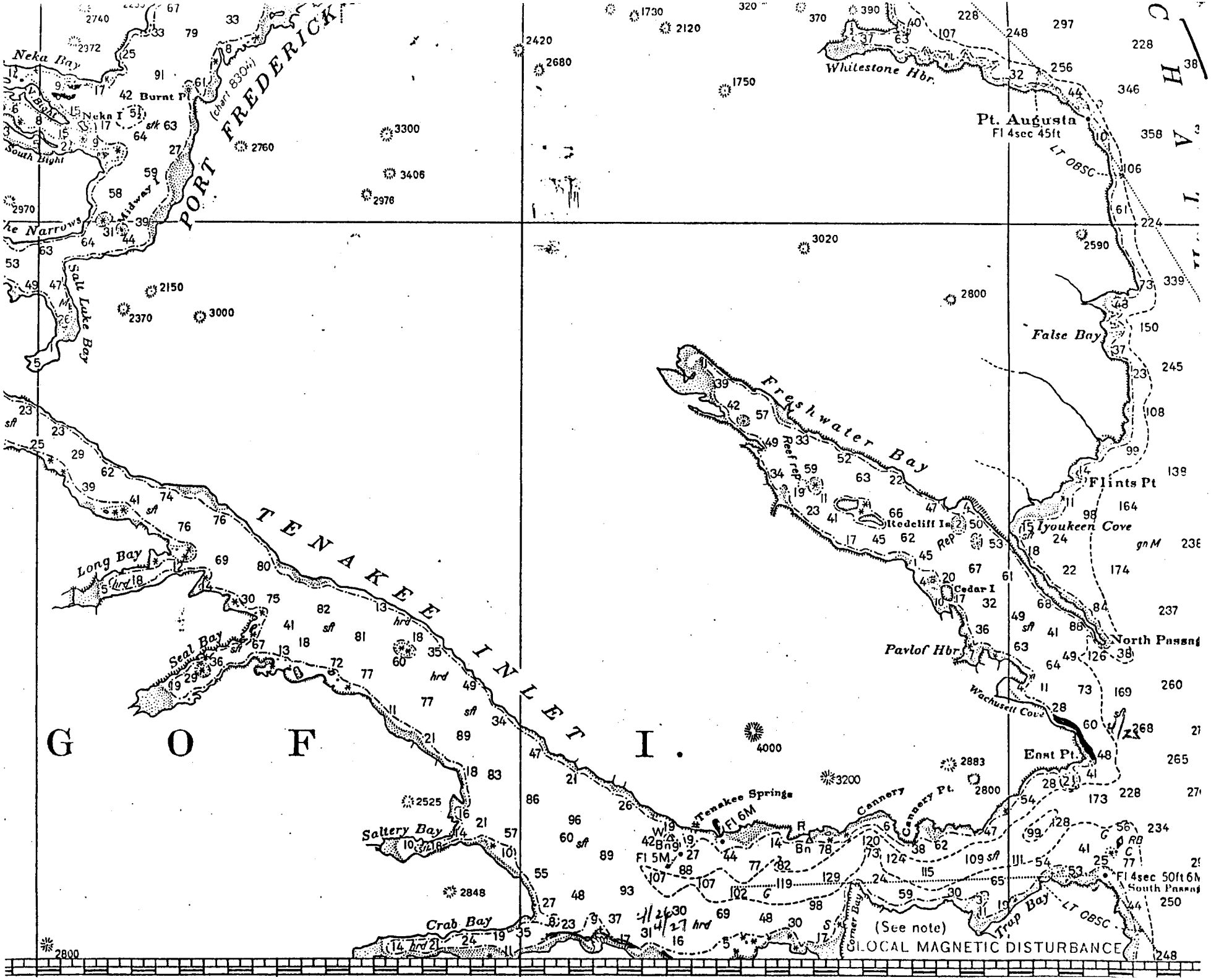
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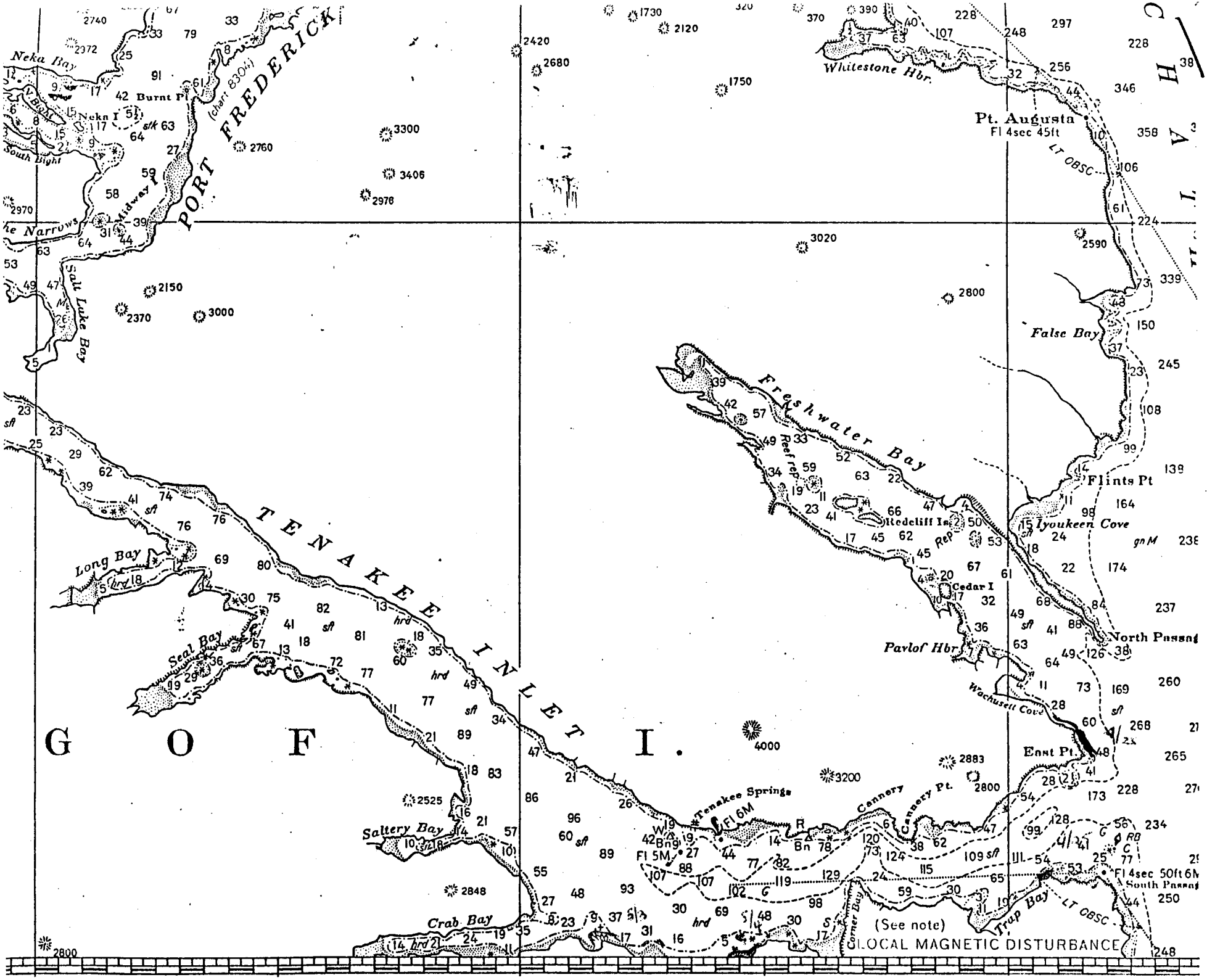
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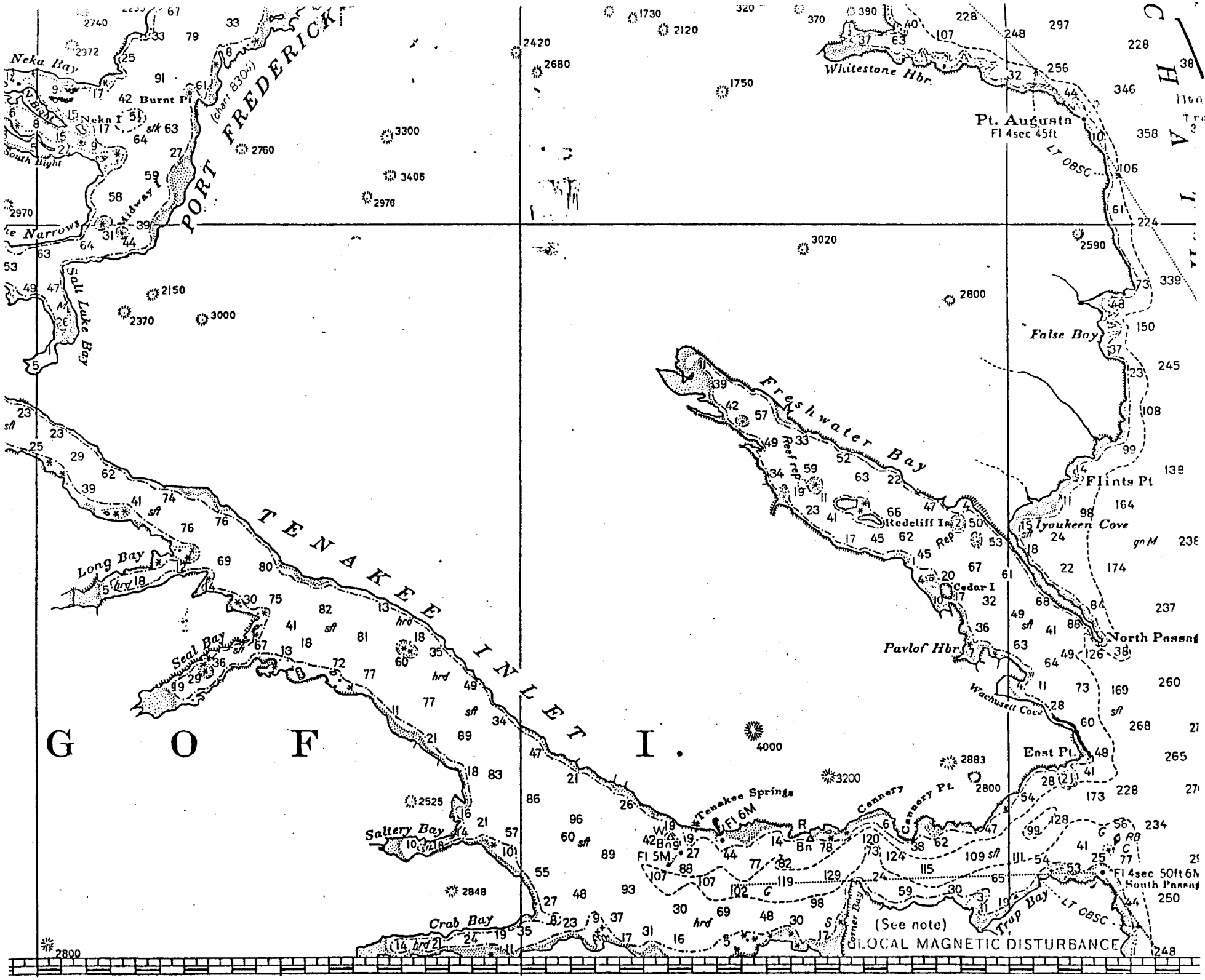
1992
None observed
Trace only
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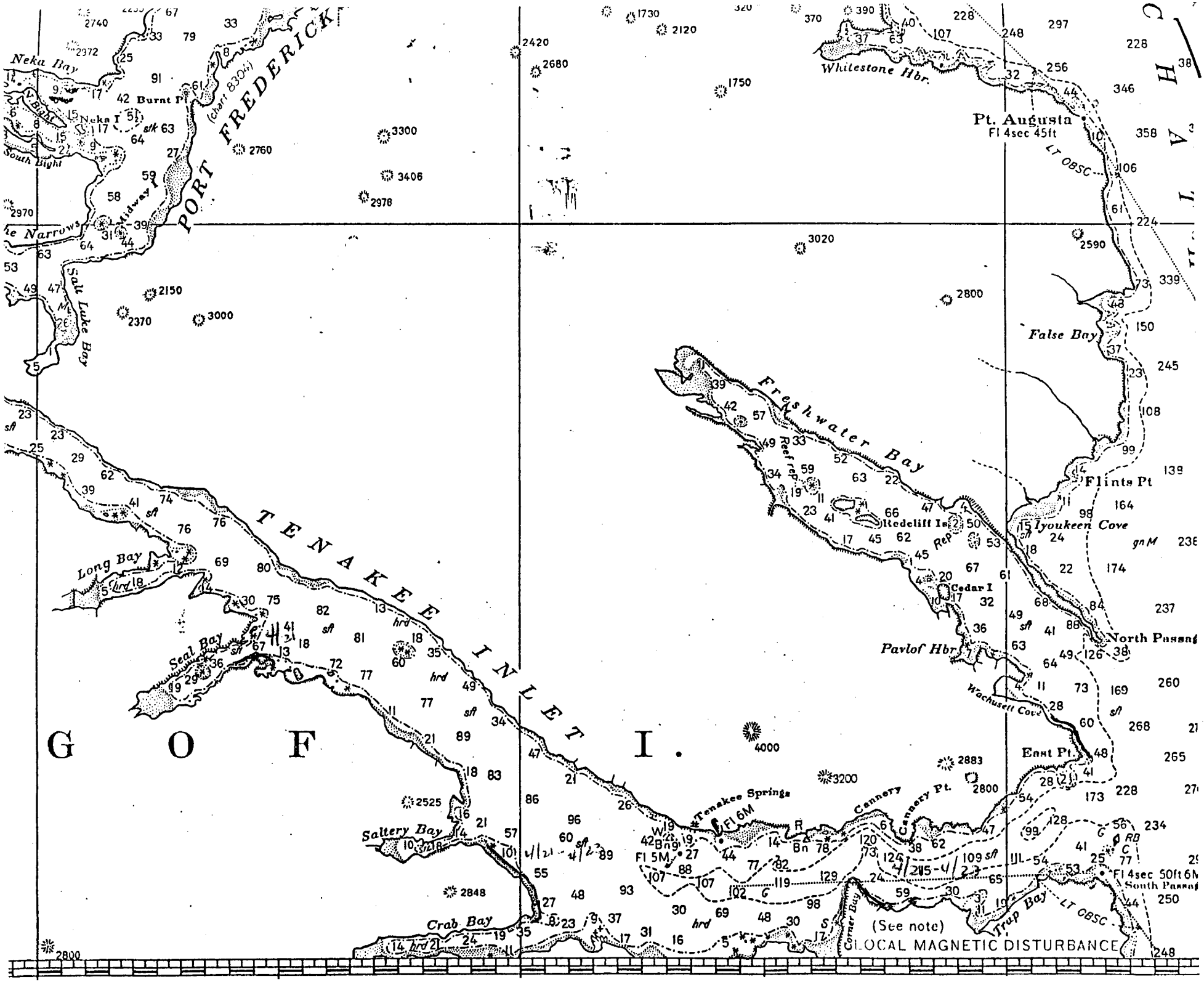

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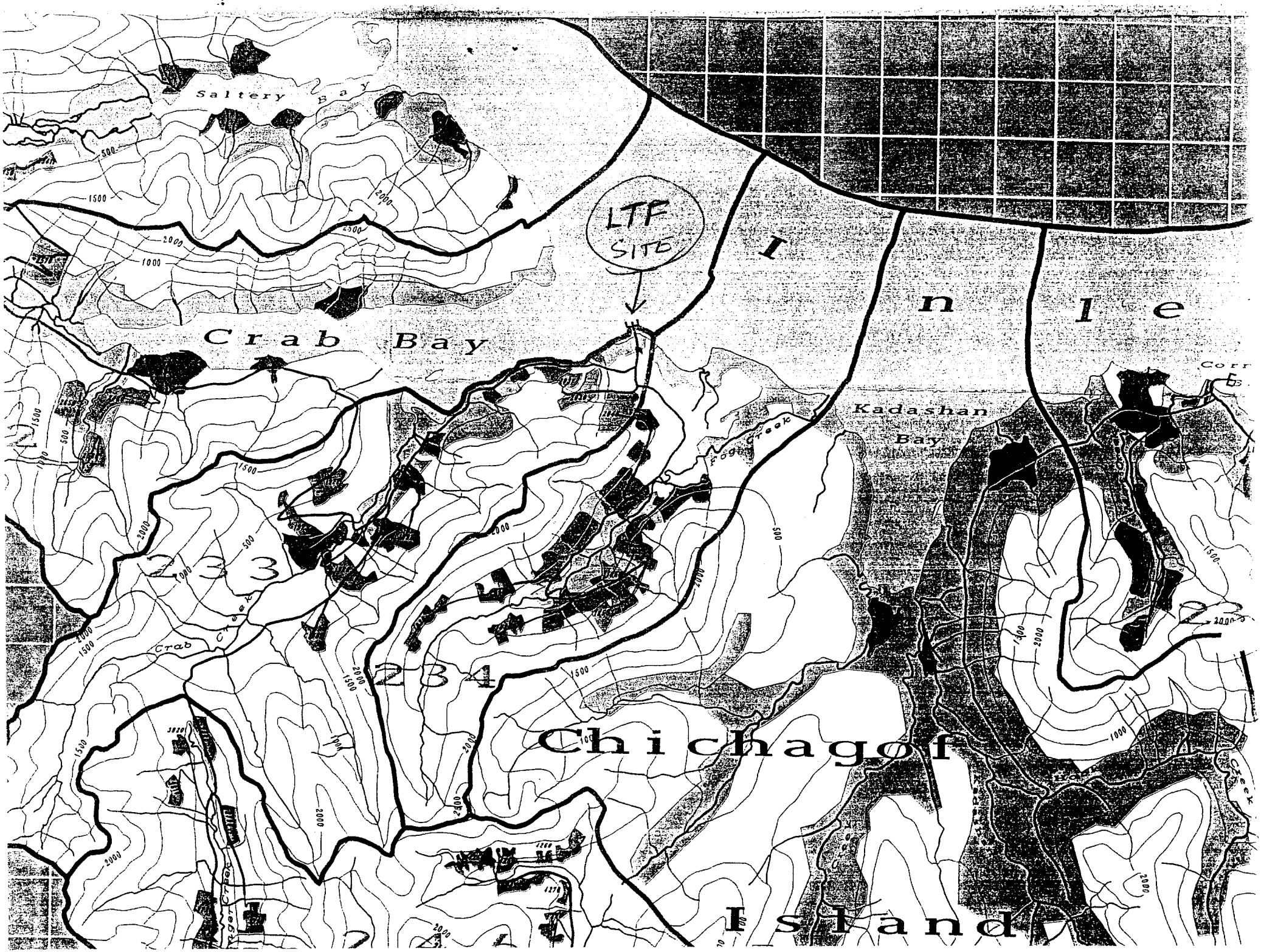

Saltery Bay
LTF SITE
Crab Bay
Kadashan Bay
Fogg Creek
Crab Creek
233
234
Chichagof Island