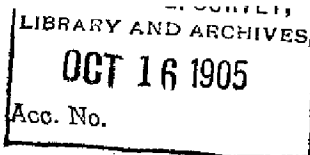


11/2-1

2714



Line run by ship between Dixon Harbor and Cape Spencer, Alaska.

The following data shows the means employed in connecting the Survey of Dixon Harbor with Cape Spencer, Alaska.

A departure was taken at the mouth of Dixon Harbor by means of determining the ships position in reference to triangulation stations in this vicinity and the ship was put on a compass course S.E.X.E, and an azimuth to show the deviation was observed. In running between Dixon Harbor and Cape Spencer two courses were made and azimuths observed on each.

Δ Dixon Δ Lowen oo

Δ High
22°-06' Position 1

PK.7 - Bold Compass Course
110° 54' S.E.X.E.

Sugar Loaf - PK.2. oo

PK.7,
23°-35' Position 2

PK.7 - Sharp PK
77° 00'

Sugar Loaf - PK.12 oo

PK.7,
11°-15'

Bold Position 3.
109-17

PK.12 - Sharp PK
55-01

Knoll - PK.12 oo

PK.7,
11°-41'

PK.12 - Bold
108° 45'

Position 4

PK.12 - Sharp PK
44°-23'

Sugar Loaf - PK. 6-00

PK. 5 Position 5
13°-23'

Bold - Sharp

25°-15' Position 10

Sugar Loaf
15°-44'

Bold - Sharp PK

73-29

Sugar Loaf

33-27

Position 6

Sharp - Trees

78-34

H.C. Denson,

Asst. Cxys.

Bold - Sharp PK

70-14

Sugar Loaf
29°-00'

Position 7

Sharp - Trees

88°-02'

Bold - Sharp

58-47

Position 8

Sugar Loaf

23-34

C.C. to E by compass

Sugar Loaf - Trees

109°-00'

Bold - Sharp

44°-09'

Sugar Loaf

18°-56'

Position 9

Sharp - Trees

86-52

7. 54. 30 Watch
3. 15 Corr.

7. 51. 15 L.A.T.

Sun's bearing by Compass N. 90° 00' E.
" " Tables N. 110. 59. E.

Lat 58. 16.

Var 29. 54. E.

Dev. 8. 55. W.

Compass Course = S. 60. 28. 07.

Magnetic " S. 69. 23. 07.

8. 10. 00.

3. 15

8. 06. 45 L.A.T.

Observed - S. 81. 30' E.

True N. 114. 41. E

Var 29. 54. E.

Lat 58. 15.

Compass = N. 90. 00' E.

Magnetic N. 76. 16. E.

Deviation 13. 43. W.