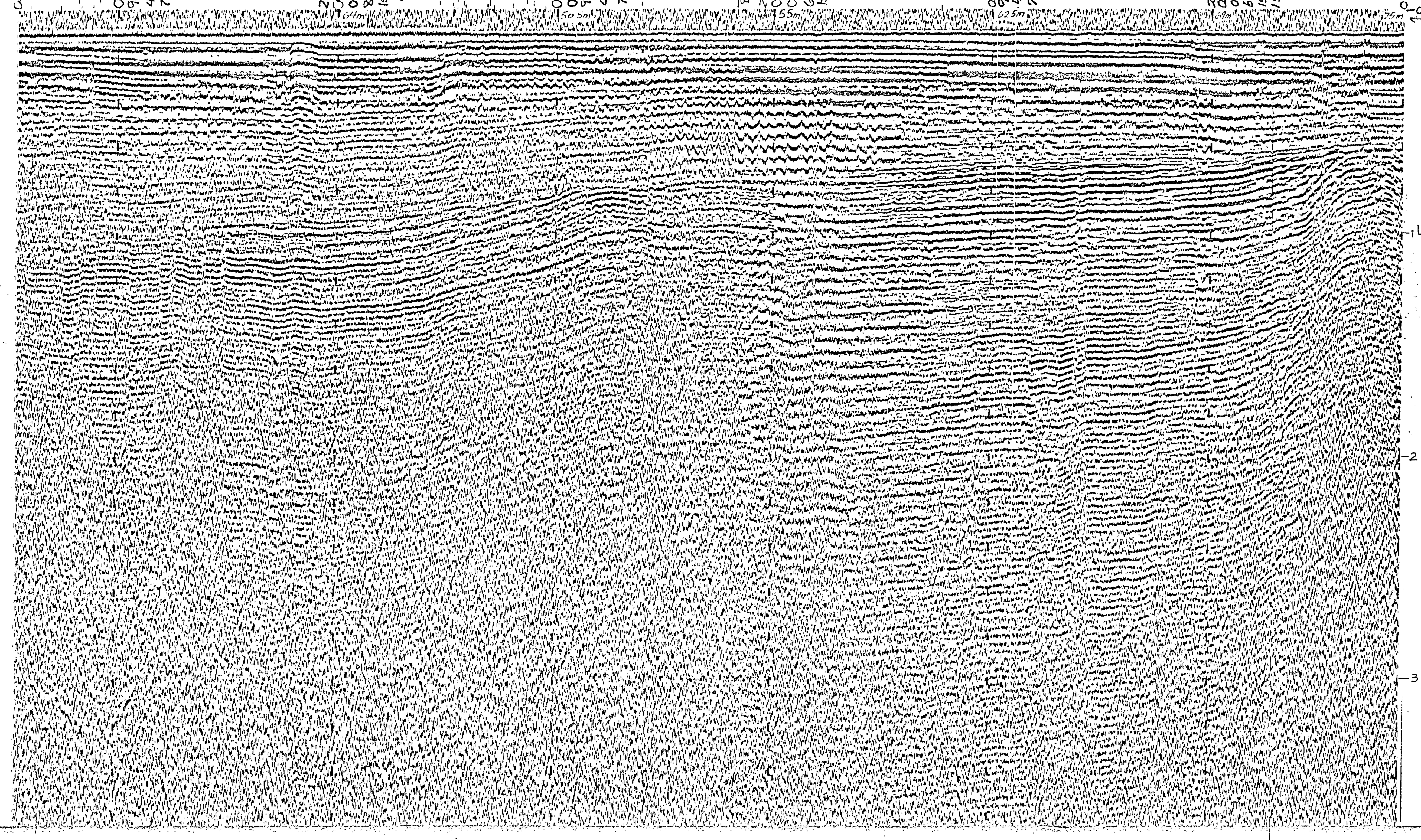
565m — water depth in meters

1
2
3 secs. two-way time

CHUKCHI SEA - 1971
U.S.C.G.C. BURTON ISLAND
LINE 156-157
SEPT. 13 J.D. 256
8KT. 158° O KJ. 90 C.I.
76/25 4/4

END LINE 155/156

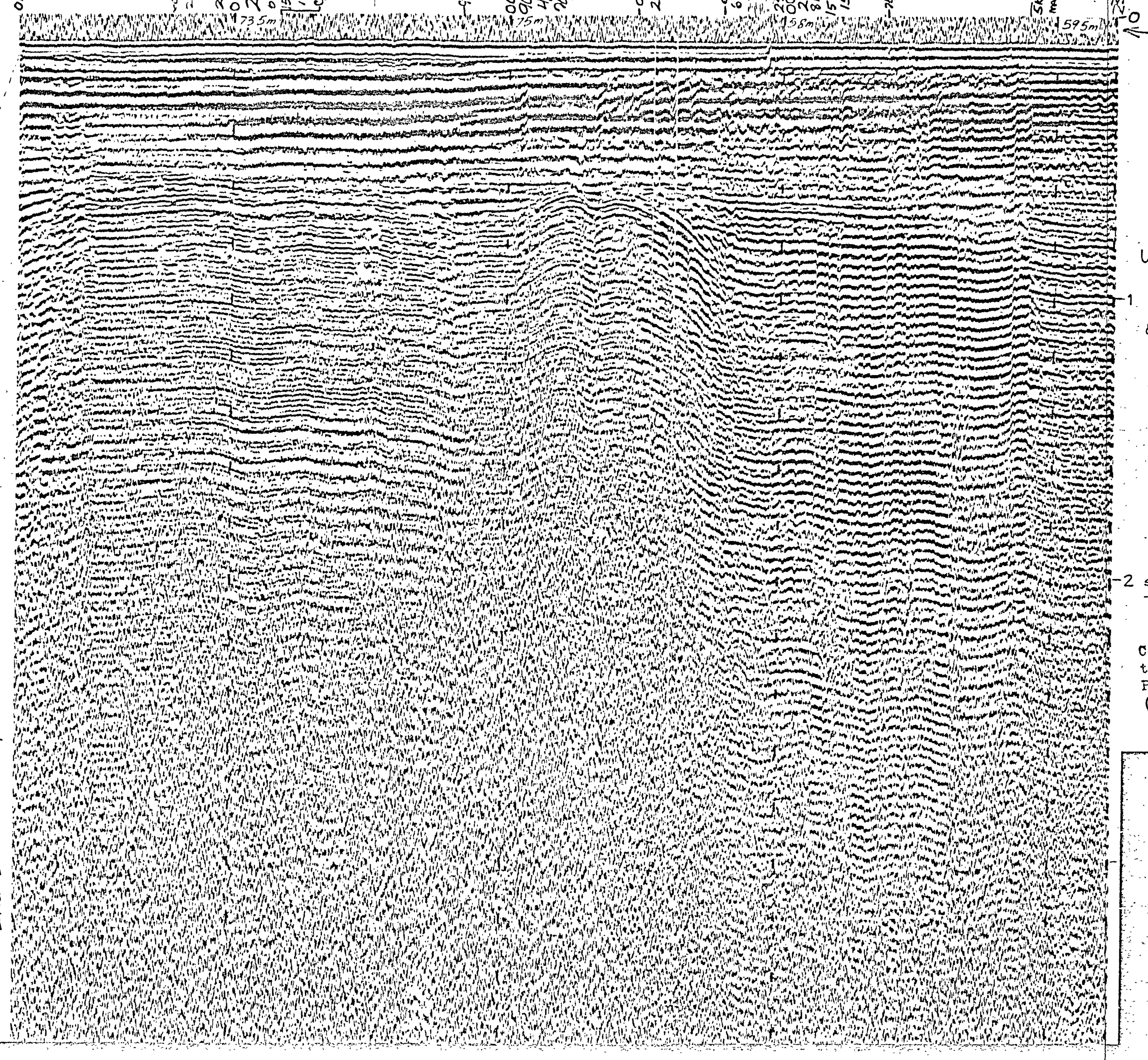


75m — water depth in meters

1
2
3 secs. two-way time

CHUKCHI SEA - 1971
U.S.C.G.C. BURTON ISLAND
LINE 155-156
SEPT. 12 J.D. 256
6KT. 072° O KJ. 90 C.I.
76/20 4/4

End Line 154/155



595m — water depth in meters

1
2 secs. two-way time

CHUKCHI SEA - 1971
U.S.C.G.C. BURTON ISLAND
LINE 154-155
SEPT. 12 J.D. 255
8KT. 236° OKJ. 90 C.I.
60/25 4/4

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#507

LIG
154-155, 155-156, 156-157

DATE & TIME (ALASKA DAYLIGHT TIME)
Sept. 12 (JD 255) 2323-
Sept. 13 (JD 256) - 1155-

COURSE (DEGREES FROM TRUE NORTH)
Sept. 12 2323-
Sept 13 0016 236° Maneuvering about 236° to avoid ice
0016-0035 251°
0035-0055 260°
0055-0107 236°
0107-0123 250°
0133-0445: 072° Maneuvering about 072° to avoid ice.
0458-1153: 158°

SPEED (KNOTS)
Sept. 12 2323-
Sept. 13 0008: 8 kt.
0008-0305: 6 kt.
0305-1153: 8 kt.

SWEEP RATE (SECONDS)
4

FIRE RATE (SECONDS)
4

POWER (KILOJULES/CUBIC INCHES OF AIR)
Sept 12 2323-
Sept 13 0921: 0/90
0921-1153: 0/100

FILTER SETTINGS (HIGH & LOW LIMITS IN HERTZ)
Sept 12 2323-2348: 60/25 0330-1153 76/25
2348-
Sept 13 0330 76/20

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CHUKCHI SEA, SEISMIC REFLECTION PROFILES, 1971
(U.S. GEOLOGICAL SURVEY OPEN-FILE REPORT, 1971)