

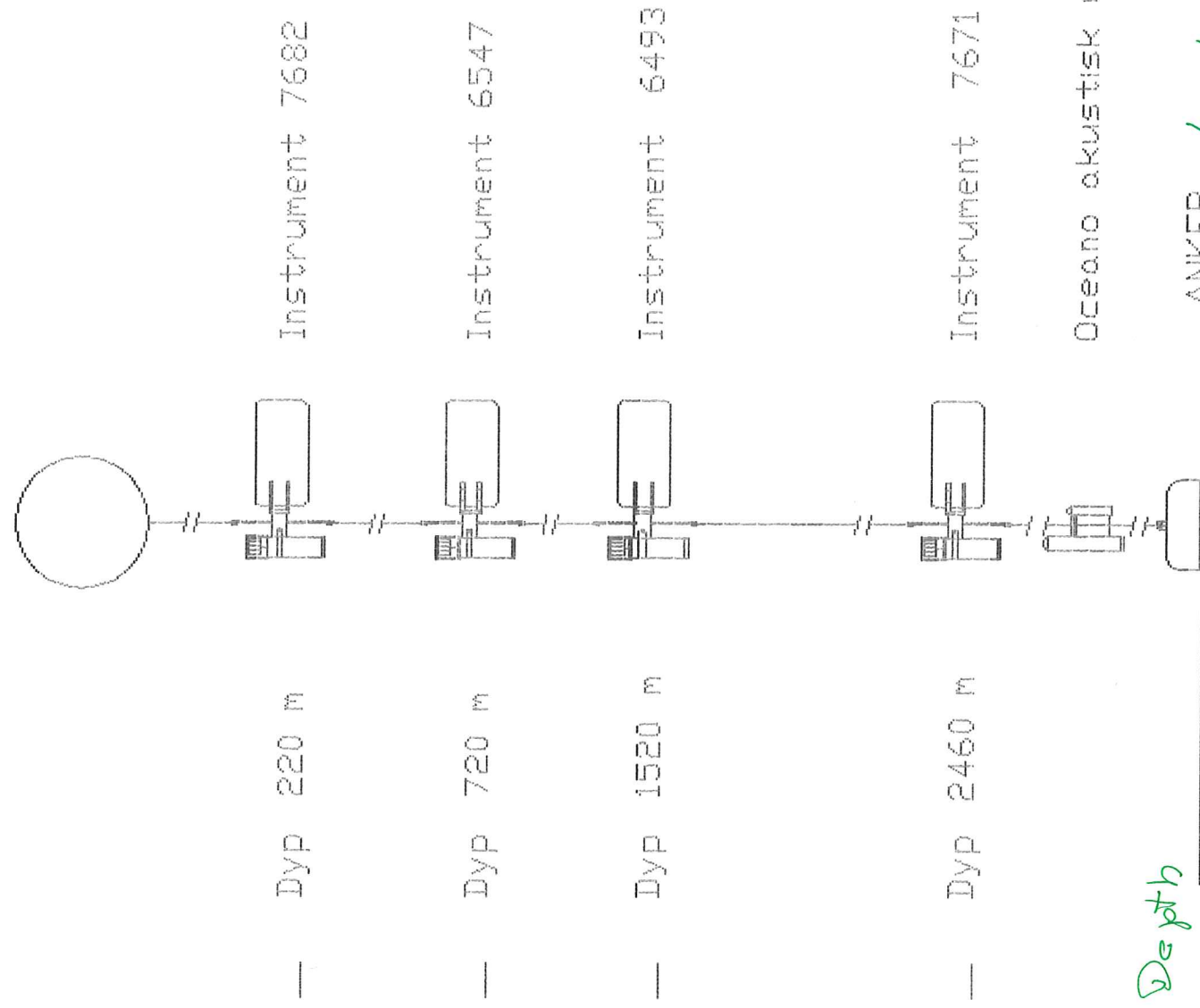
FS-5 (251E)

Pos 78°43,03'N 05°35,15'E

Bottom depth 2485 meter

Deployed 27 mai 1984

Recovered 12 juli 1985



Depth

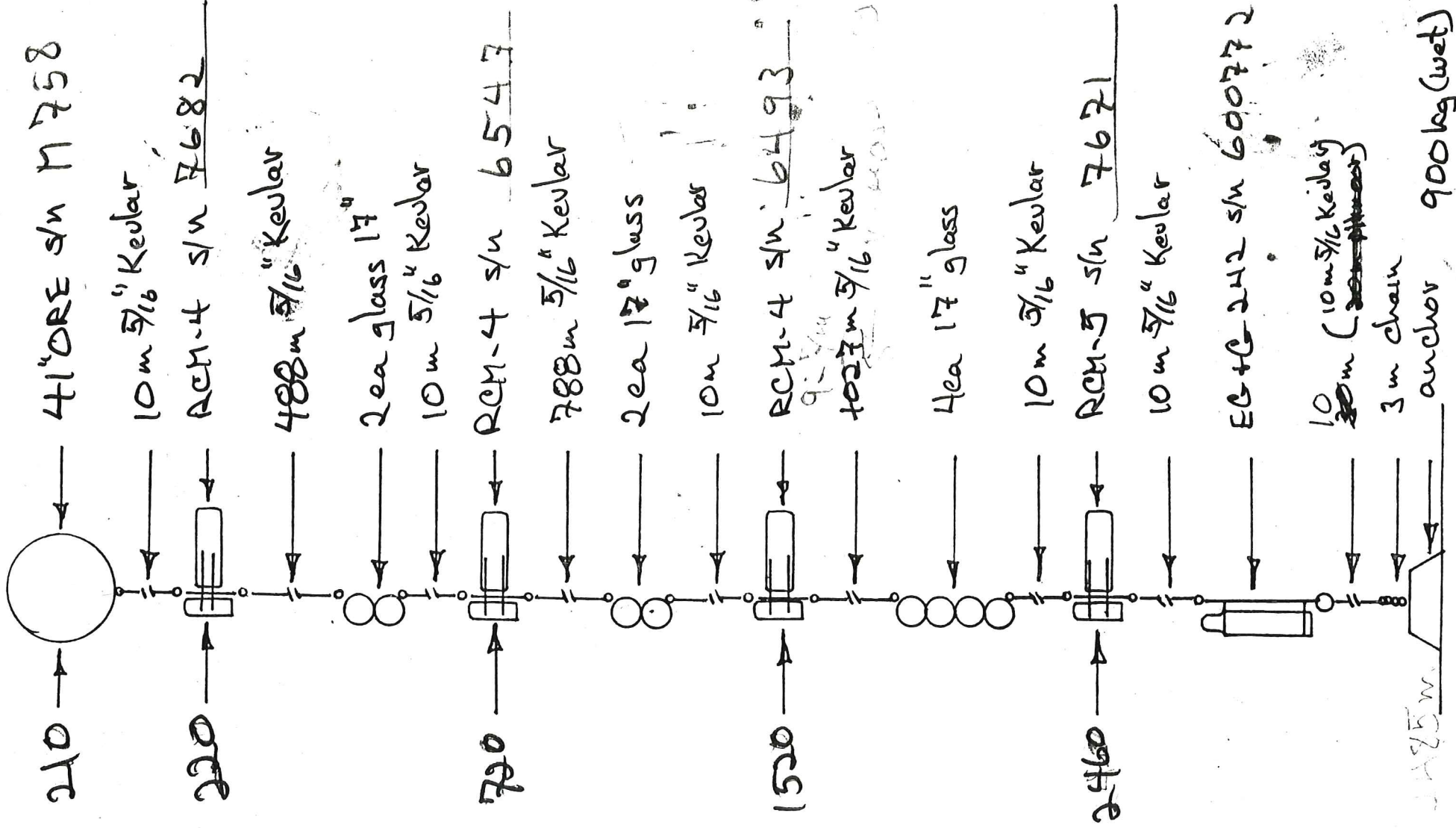
Bottom

2485

ANKER

booly

FS-5



MOORING FS-5 FRAM STRAIT 1984/85

Position : 78°43.03'N , 5°35.15'E
Bottom depth : 2485 meters
Deployed : 27 May 1984
Recovered : 12 July 1985

Instruments: 7682 (RCM-4)	Depth: 220 meters
6547 "	720 "
6493 "	1520 "
7671 (RCM-5)	2460 "

Data files:

NGA00*FS4-5-7-8T. : Raw data (series 2, 3, 4 and 5)
NGA00*FS4-5-7-8U. : Corrected raw data
NGATT*FS5TM. : Speed, U, V and T (ch. 2) in TM-format
NGATT*FS5. : U, V and T (ch. 2) in TR-format

The time for first record on tape and the 1st and 2nd spin times does not agree. Inspection of the times when the instruments hits the water suggest that the first record on tape is at 1700 GMT and not 1600 GMT.

***** INSTRUMENT 7682 *****

1st record in position : no. 104 0005 GMT, 28 May 1984
Last record read : no. 8866 0205 GMT, 28 May 1985
8753 records = 365 days 4 hours *8144rec = 340 days*
Clock deviation = -25 minutes or + 35 minutes.

After record 8248 channel 5 (direction) reads 512 and 0 for long periods. The temperature (channel 2) reads 512 and 0 after record 8774. The tape reader stopped after record no. 8866 probably because a sync. pulse is missing. The battery was very weak at the time of recovery.

***** INSTRUMENT 6547 *****

1st record in position : no. 104 0005 GMT, 28 May 1984
Last record in position : no. 9960 1605 GMT, 12 July 1985
9857 records = 410 days 17 hours

No clock deviation.

A few "negative spikes" in the speed (channel 6). The direction (channel 5) is wrong after record 9450 (reads mostly 256, 512 and 640).

***** INSTRUMENT 6493 *****

1st record in position : no. 104 0005 GMT, 28 May 1984
Last record in position : no. 9960 1608 GMT, 12 July 1985

6701 records = 279 days 5 hours

Clock deviation = +3 minutes

Channel 6 (speed) often reads 0 causing "negative spikes". The obvious ones have been corrected.

***** INSTRUMENT 7671 *****

1st record in position : no. 104 0005 GMT, 28 May 1984
Last record read : no. 865 1705 GMT, 28 June 1985 ²

762 records = 31 days 18 hours

No known clock deviation.

Instrument stopped recording after 865 records due to small leak through the conductivity cell. Channel 3 (conductivity) reads 0 from record 365 (~11 days). The temperature is wrong from record 546 (~18 days), and the speed and direction is probably wrong from about 19 days.