



ARK-XIII/2 processing log

a) Original data

Original Parasound data were held on tape. Altogether, 60 tapes were copied (Tape 1 to Tape 60). According to the logbook, the expedition endured until tape No. 68 but the last eight tapes could not be found at AWI.

b) Navigation

As only three days of Hydrosweep navigation was available, the navigation in the Parasound headers was interpolated PODAS navigation information. This was complete for the whole expedition with one exception (data gap 20-07-97 08:40:40 to 20-07-97 08:54:00) which was interpolated linearly.

c) Corrections

Data volume 10.3GB

Total number of files checked	: 6135
Total number of headers checked	: 705463
Total number of files with invalid date/time	: 46 (0.75 percent)
Total number of invalid date/time headers	: 222 (0.03 percent)
Total number of files with wrong lat/longs	: 18 (0.29 percent)
Total number of wrong lat/long headers	: 120 (0.02 percent)

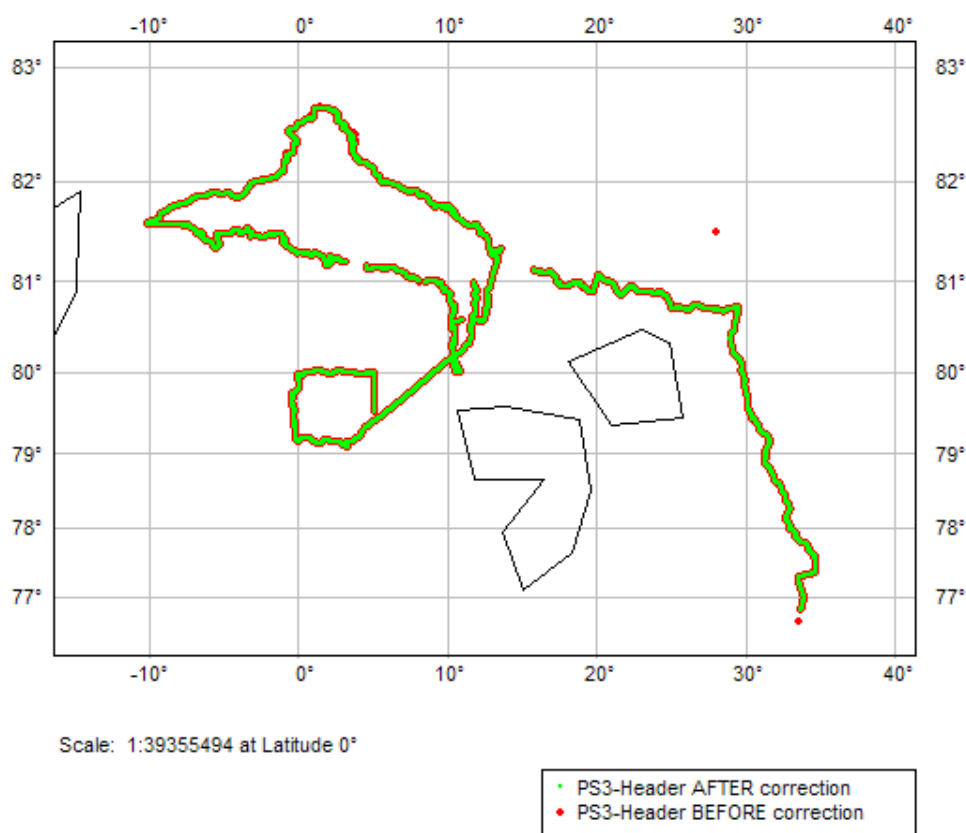


Figure 1: Map showing the full track before (red points) and after (green points) correction and interpolation of navigation data. Note that the errors at (Lat = 0; Lon = 0) are not shown in this figure.



d) Miscellaneous

- The meta-information was extracted from the PODEV-system.