



ARK-XIX/3b processing log

a) Original data

Original Parasound data were held on CD-ROM.

b) Navigation

The navigation in the Parasound headers was interpolated using PODAS data. Due to data gaps in the PODAS data, the navigation data from 03.07.2003 00:00 – 05.07.2003 23:59 were interpolated using cleaned data from the Parasound headers.

c) Corrections

Data volume 2.79 GB

Total number of files checked	: 1078
Total number of headers checked	: 275555
Total number of files with invalid date/time	: 146 (13.54 percent)
Total number of invalid date/time headers	: 346 (0.13 percent)
Total number of files with wrong lat/longs	: 464 (43.04 percent)
Total number of wrong lat/long headers	: 2195 (0.80 percent)

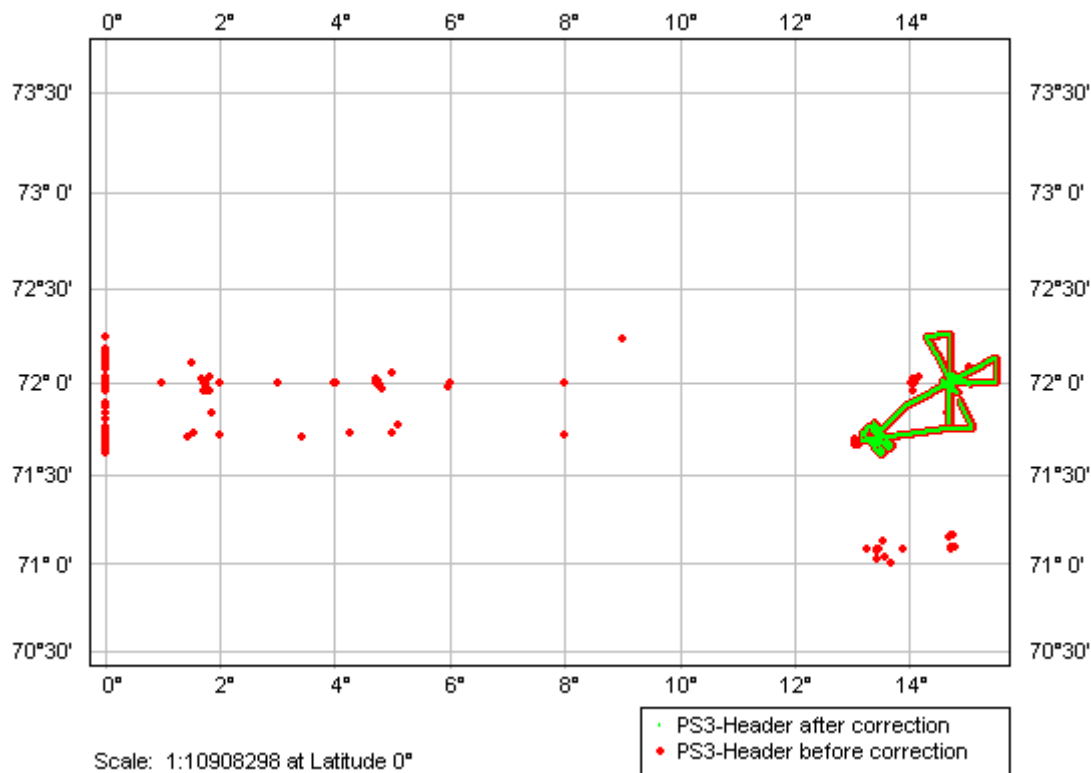


Figure 1: Map showing the full track before (red points) and after (green points) correction and interpolation of navigation data. Erroneous original data at (0°; 0°) are not shown.