



## ANT-XVIII processing log

### a) Original data

Original Parasound data were held on CD-ROM (ps3-files). Five of these CDs were unreadable, copies from University Bremen were used instead.

### b) Navigation

The navigation in the Parasound headers was interpolated using Hydrosweep ,nak'-files and – where no Hydrosweep information was available – PODAS navigation information.

### c) Corrections

Data volume 30.8GB

Total number of files checked	: 9807
Total number of headers checked	: 1576481
Total number of files with invalid date/time	: 1045 ( 10.66 percent )
Total number of invalid date/time headers	: 5910 ( 0.37 percent )
Total number of files with wrong lat/longs	: 5395 ( 55.01 percent )
Total number of wrong lat/long headers	: 58492 ( 3.71 percent )

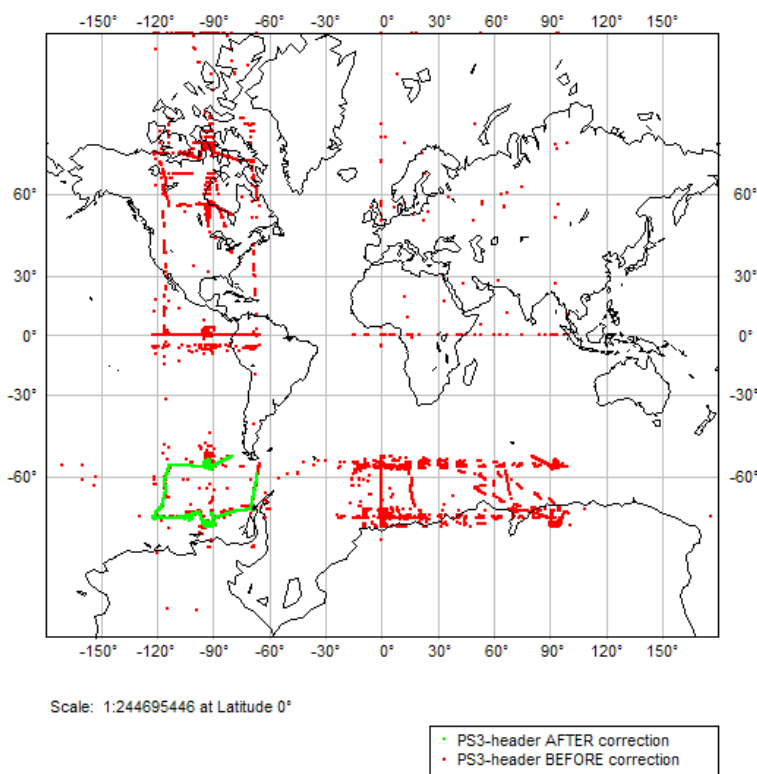


Figure 1: Map showing the full track before (red points) and after (green points) correction and interpolation of navigation data.

### d) Miscellaneous

- The meta-information could not fully be generated from the PODAS 'System' entry because there, in the period of interest, no 'speed' and 'course' information was logged. The missing values have been taken from the 'NACOS' entry.