



## ARK-XI/1 processing log

### a) Original data

Original Parasound data were held on CD-ROM and tape. Some of the tapes were missing or unreadable (Nr. 8, 91, 108, 121, 122).

### b) Navigation

The navigation in the Parasound headers was interpolated using Hydrosweep data.

### c) Corrections

Data volume 21.2 GB

Total number of files checked	: 13147
Total number of headers checked	: 1708599
Total number of files with invalid date/time	: 103 ( 0.78 percent )
Total number of invalid date/time headers	: 1183 ( 0.07 percent )
Total number of files with wrong lat/longs	: 23 ( 0.17 percent )
Total number of wrong lat/long headers	: 828 ( 0.05 percent )

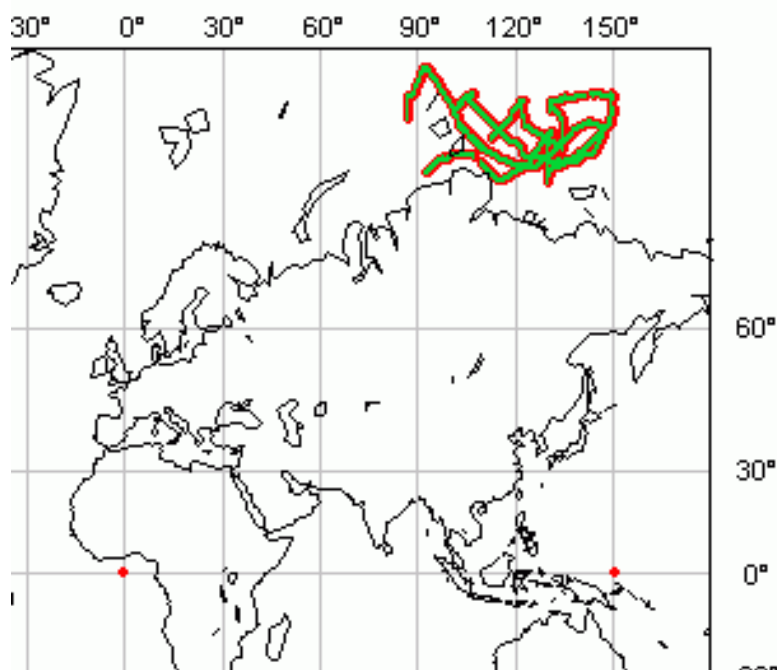


Figure 1: Map showing the full track before (red points) and after (green points) correction and interpolation of navigation data.

### d) Miscellaneous

- The data set contains several data gaps which are listed below:

07201233 - 07201645  
07212350 - 07220711  
07241543 - 07250554  
07252347 - 07260504



07261332 - 07261613  
07270141 - 07271201  
08021200 - 08030901  
08031257 - 08040757  
08051343 - 08051948  
08150838 - 08150928  
08160033 - 08160144  
08250405 - 08260113  
08310135 - 08310610  
09011924 - 09021100  
09060207 - 09070230