



## ARK-IX/4 processing log

### a) Original data

Original Parasound data were held on CD-ROM (ps3-files copied from tapes).

### b) Navigation

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

### c) Corrections

Data volume 5 GB

Total number of files checked	: 5898
Total number of headers checked	: 479904
Total number of files with invalid date/time	: 12 ( 0.20 percent )
Total number of invalid date/time headers	: 12 ( 0.00 percent )
Total number of files with wrong lat/longs	: 67 ( 1.14 percent )
Total number of wrong lat/long headers	: 654 ( 0.14 percent )

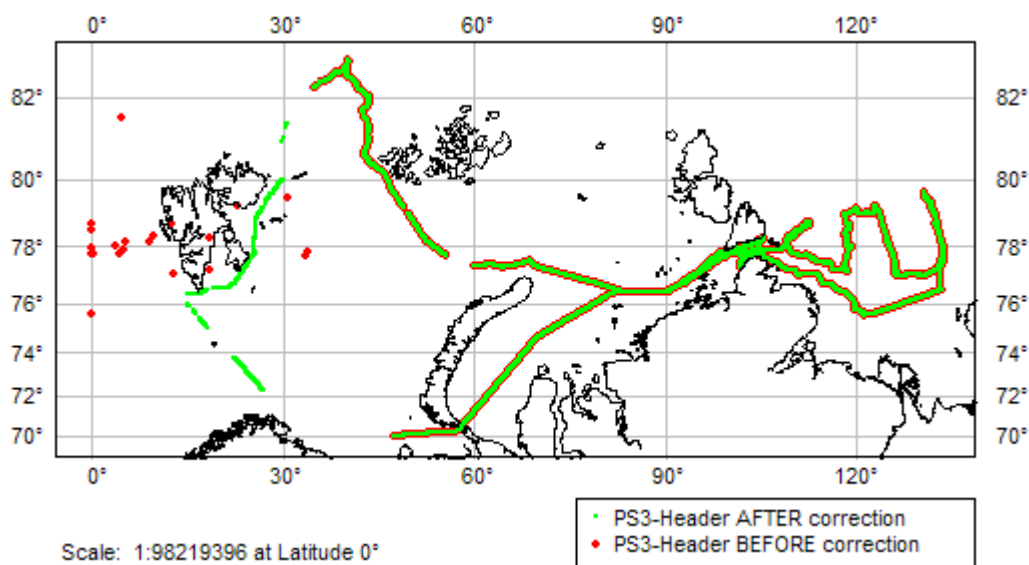


Figure 1: Map showing the full track before (red points) and after (green points) correction and interpolation of navigation data.

### d) Miscellaneous

- When the window depth was adjusted, the depth delay is often erroneous with a delay of -400 m for several shots.
- The window depth delay is often wrong.
- Data gaps:

08091132 – 08092106  
08100535 – 08101141  
08101744 – 08102043  
08102221 – 08110000  
08112354 – 08121935  
08122057 – 08151629



08171011 – 08171507  
08181652 – 08181914  
08201955 – 08202259  
08211803 – 08212018  
08231612 – 08232103  
08260030 – 08260948  
08261852 – 08262129  
08271243 – 08281439  
08282208 – 08290345  
09041316 – 09041805  
09041845 – 09042048  
09042118 – 09042340  
09120020 – 09121507  
09202250 – 09210214  
09212010 – 09212132  
09230831 – 09231301