



## ***PS47/2 processing log***

### ***a) Original data***

Original Parasound data were held on hard disk drive. A file structure of several "TXX" directories was given which contained PS3 files indicating a raw copy of Parasound tapes.

### ***b) Processing***

- Sorting:  
Resulting PS3 files were archived 4-hour-wise in TAR archives.
- Meta navigation table for PANGAEA:  
A navigation table was created using a 10 minute interval navigation extracted from the DShip 10-minute-database (dship.awi.de). Afterwards all TAR archives were referenced to the navigation table accordingly. Navigation rows without references to TAR archives were removed.

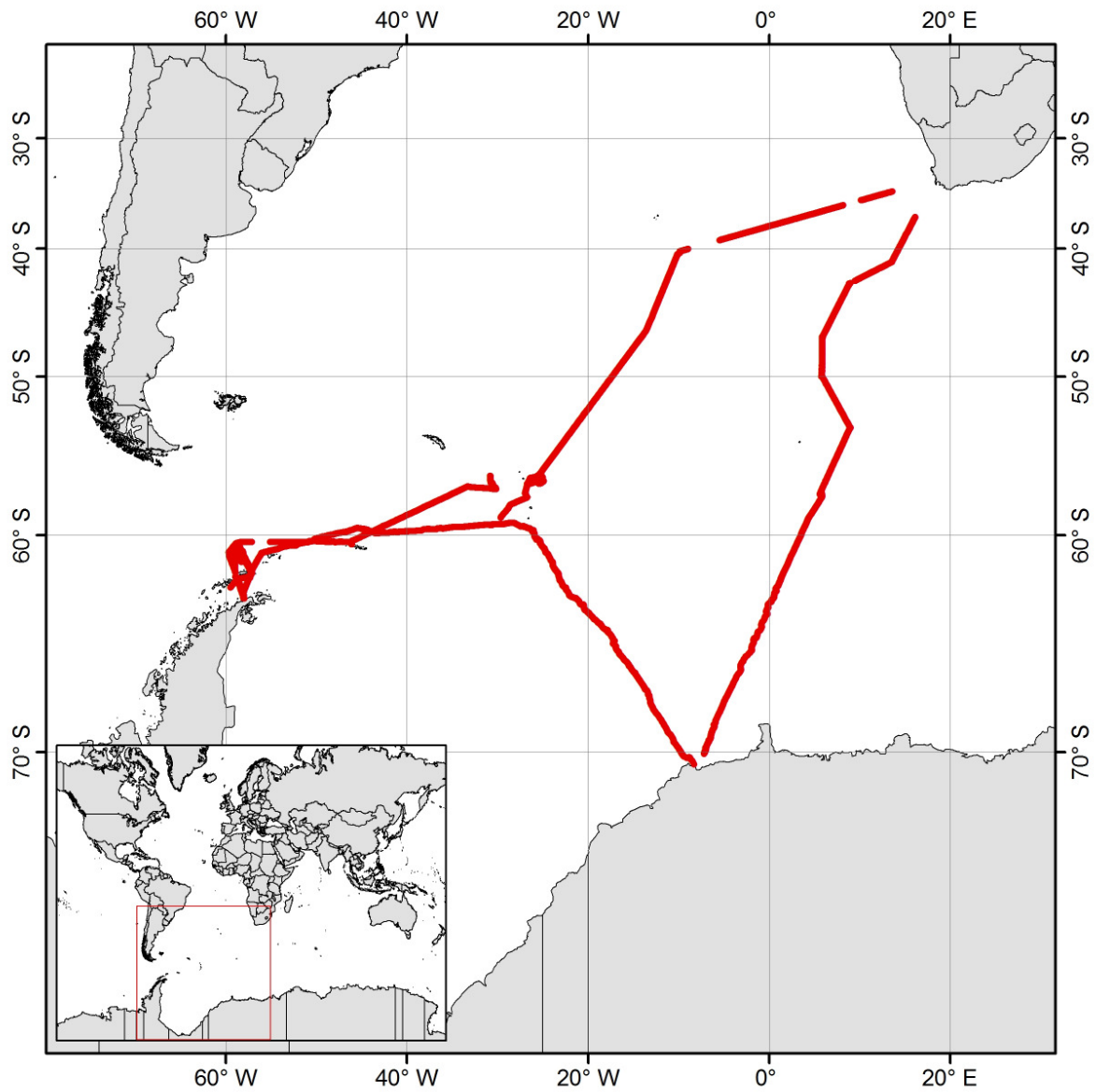
Some PS3 files contain wrong date/time headers and wrong latitude/longitude values. Their correction was not covered by this processing.

### ***c) Statistics***

Data volume:	28.0 GB
Total number of files checked:	21457
Total number of headers checked:	1397929
Total number of files with invalid date/time:	7 (0.54 %)
Total number of invalid date/time headers:	193 (0.01 %)
Total number of files with wrong lat/longs:	45 (0.21 %)
Total number of wrong lat/long headers:	357 (0.02 %)



**d) Navigation overview**



**Figure 1: Navigation data as derived from meta navigation table.**