

# Position and activity log files

The cruise logger on Statsraad Lehmkuhl produce 4 files files each day. Two files contains all information collected by the cruise logger, called position files below, and 2 files with only activities such as CTD, fishing, watersample, etc. called activity files below.

Coordinates are given in the following format:

GGMM.mmmmm N/S

GGGMM.mmmmm E/W

To convert to decimal:  $GG(G) + (MM.mmmmm)/60.0$ . Remember to use negative value for S and W

## Position files

pos<day>-<month>-<year>.csv

pos<day>-<month>-<year>.log

Both files have the same information, one line per minute with position and other activities logged by the cruise logger. The csv file includes a header for the columns. This is not included in the log file. Note that the sequence of information on each line in the csv and log files are not the same.

## Activity files

ref<day>-<month>-<year>.csv

ref<day>-<month>-<year>.log

Both files contain the activities logged by the cruise logger with position and time for each activity. These files are a small subset of the position files containing only the activities and not the position per minute.