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For Franklin voyages 7/93 onwards.

These files contain raw ship's Doppler log and heading gyro data as obtained and published by the Trimble NavTrack GPS receiver on the bridge. The NavTrack normally gives this data once every 5 seconds.

The files are "normal" Unix binary, produced under Solaris 2.3 on a SUN Sparc10.

Each record has 3 4-byte integers: time, heading, speed

time: integer seconds since start of 1970.  
heading: integer degrees true heading  
speed: integer Doppler log speed in milli-knots! That is,  
500 = 1/2 knot. Note: No -ve speeds are allowed by  
the NavTrack, so beware of values on station.