

## Cruise Track

The cruise was carried out from Victoria, Seychelles to Durban, South Africa. The main work area was at the narrowest section of the Mozambique Channel where hydrographic sections were performed and moorings deployed. The complete cruise track is shown in figure 1.

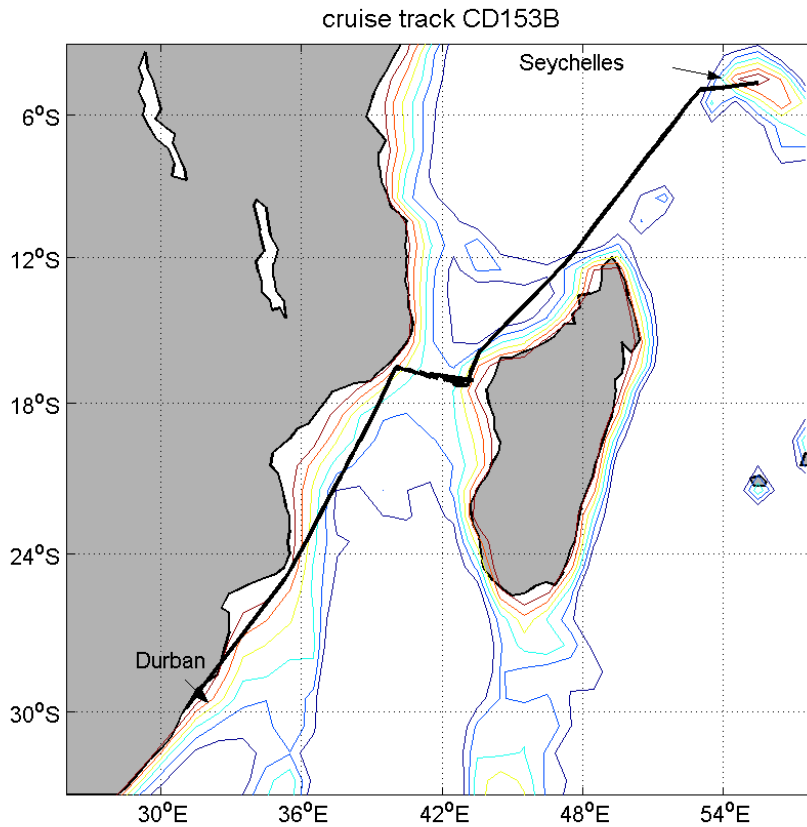


Figure 1. Cruise track of RV Charles Darwin cruise 64CD153B

## Hydrographic Stations

A total of 18 CTD casts was recorded, including one test cast prior to arrival at the work area. On all of these casts, water samples were taken for the determinations of nutrient, dissolved oxygen and, less frequently, salinity. A lowered Acoustic Doppler Current Profiler (LADCP) was attached to the CTD frame to measure vertical profiles of the current speed and direction. The positions of the hydrographic stations along the mooring sections are indicated in figure 2.

At the hydrographic stations the SBE9/11+ CTD was lowered with a speed of about 1 m/s. Due to the use of an altimeter we were able to sample to within quite a short distance from the bottom (on average 10 m).