

Fig S1. Percentage frequency plot of the amount of time (consecutive days) between Platform Terminal Telemetry transmissions received from six porbeagle sharks at liberty in the Northeast Atlantic between 13th October 2012 and 25th February 2014.

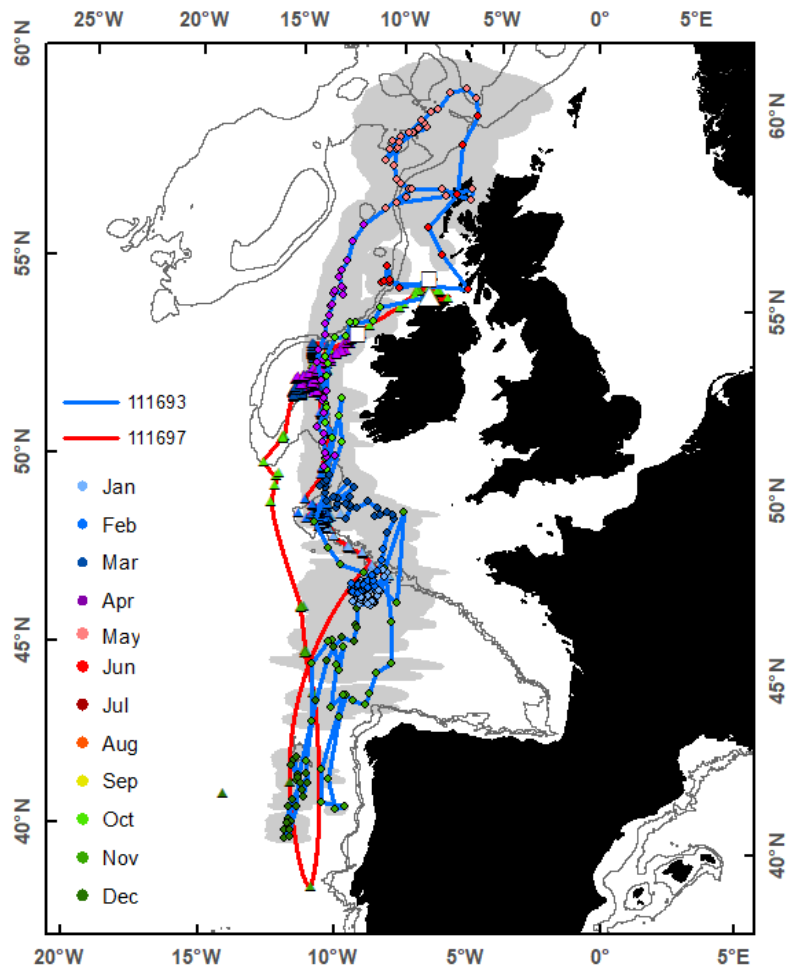


Fig S2. Comparison of porbeagle movement tracks determined by a Platform Terminal Telemetry tag (PTT 111697; red line and coloured triangles) and a geolocation-based pop-up satellite archival tag (PSAT 111693; blue line and coloured dots). The shaded grey is the 50% confidence intervals of the estimated PSAT positions. Tagging location is shown by the open triangle, with PSAT pop-up location and final PTT transmission shown by open squares. Note that the PTT ended on 29 April 2013 so movements north of ~55°N were not captured by this tag.

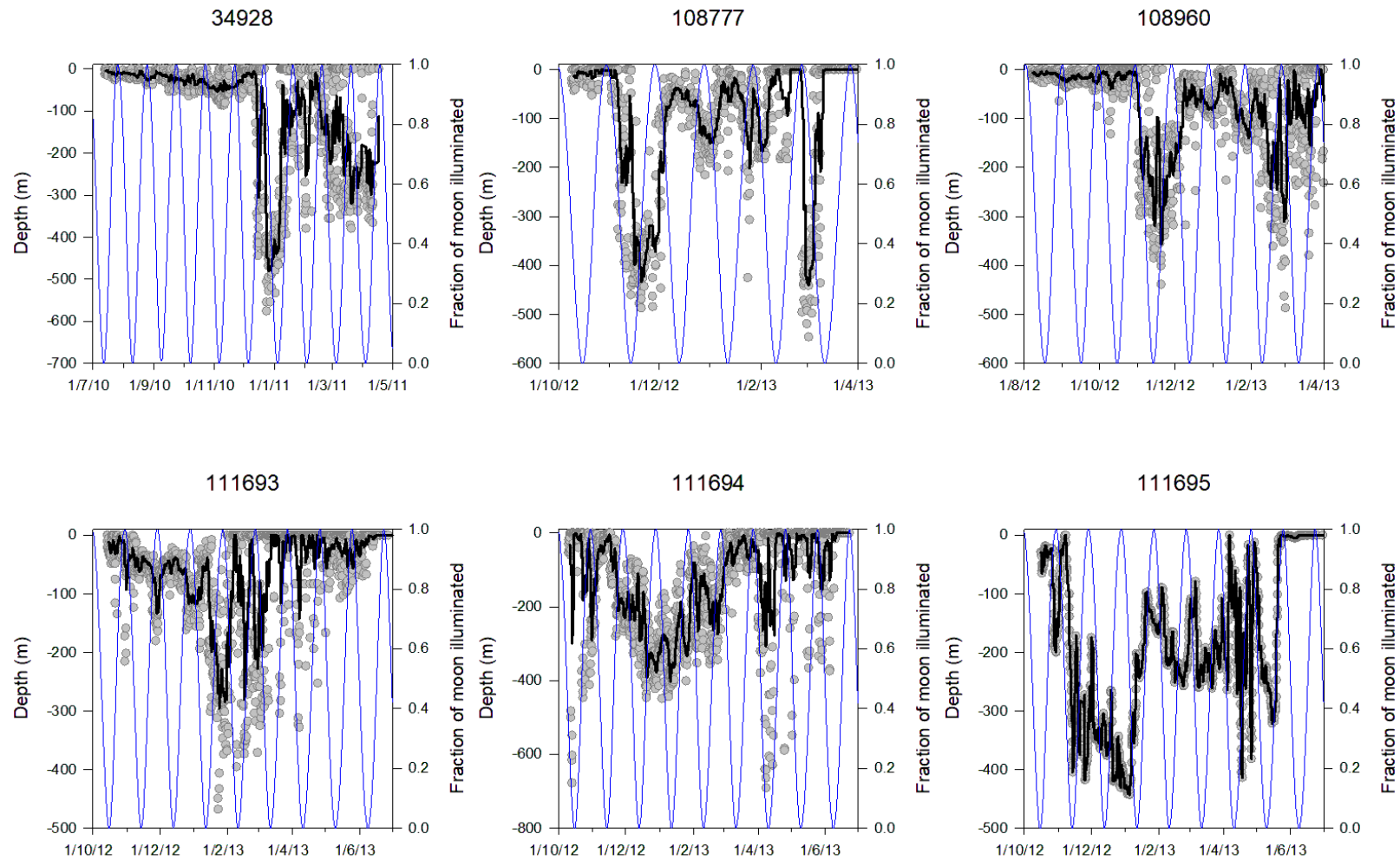


Fig S3. Full time-series of the nocturnal depth distribution of six porbeagles (grey dots) in relation to the lunar cycle (blue line) between 12 July 2010 and 14 June 2013. The black line is a nightly running mean of the 8 hourly depth distribution points per day. The lunar cycle is expressed as the fraction of moon illuminated per day.