

Data required for an updated assessment of the South African horse mackerel resource

L.B. Furman

*Marine Resource Assessment and Management Group (MARAM)
Department of Mathematics and Applied Mathematics
University of Cape Town
Rondebosch 7701, South Africa*

August 2013

The following data is required to update the assessment of the South African horse mackerel resource:

- **Catch data**
Total annual catches of horse mackerel for the demersal, midwater and pelagic fisheries for 2010 and onwards.
- **Demersal swept area survey abundance data**
Absolute biomass estimates and their associated CVs from surveys conducted on the South Coast by season. Data for 2009 and onwards are required for the spring survey, while data for 2011 and onwards are required for the autumn survey.
- **Demersal swept area Survey catch-at-length data**
Survey catch-at-length data for surveys conducted on the South Coast by season. Data for 2009 and onwards are required for the spring survey, while data for 2010 and onwards are required for the autumn survey.
- **Commercial/observer CPUE data**
Observer data from the midwater fishery (specifically the *Desert Diamond*) for 2011 and onwards that can be used for a GLM standardised CPUE series. Previously provided by van der Westhuizen (pers. commn).
- **Commercial/observer catch-at-length data**
Catch-at-length data from the *Desert Diamond* for 2010 and onwards.
- **November Pelagic acoustic survey abundance data**
Biomass estimates of juvenile horse mackerel on the West Coast for 2011 and onwards.