

# Assessment of Southeast Australia bight redfish (*Centroberyx gerrardi*)

Assessment ID:CSIRO-BIGHTREDSE-1958-2007-FULTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/100>

Area ID: Australia-AFMA-SE

General assessment details.

| Detail             | Value  |
|--------------------|--|
| Management body    | AFMA   |
| Assessment group   | Commonwealth Scientific and Industrial Research Organization |
| Assessment authors | Klaer, Neil  |
| Assessment method  | Stock Synthesis v2.0 model                                   |
| Publication year   | 2007   |
| Timeseries span    | 1958-2007  |
| Document           | BIGHTREDDEEPFLATSE.pdf (pdf not in database)                 |
| Recorder           | FULTON   |
| Date entered       | 2008-04-30   |
| Date last loaded   | 2010-06-15   |
| QA/QC complete     | YES  |
| Date approved      | 2009-06-11   |

Biometrics provided. Note that the assumed timeseries to which the reference point pertains is indicated in parentheses.

| primary LME                     |       |       | secondary LME          | tertiary LME |       |
|---------------------------------|-------|-------|------------------------|--------------|-------|
| 43 - Southwest Australian Shelf |       |       | na                     | na           |       |
| Parameter                       | Value | Units |                        |              |       |
| SSB-SEX-sex                     | 0     | sex   |                        |              |       |
| REC-AGE-yr                      | 0     | yr    | Reference points       |              |       |
| TB-AGE-yr                       | 0     | yr    | Parameter              | Value        | Units |
| L50-cm                          | 25    | cm    | Blim-MT (TB)           | 6766.72      | MT    |
| M-1/yr                          | 0.1   | 1/yr  | SSBmsy-MT (SSB)        | 16240.128    | MT    |
| SSB-AGE-yr                      |       |       | $SSB_{2007}/SSB_{msy}$ | 0.946        |       |
| F-AGE-yr                        |       |       |                        |              |       |
| M                               |       |       |                        |              |       |
| A50-yr                          |       |       |                        |              |       |

| Time series minima and maxima |         |         |           |         |         |
|-------------------------------|---------|---------|-----------|---------|---------|
|                               | SSB     | R       | F         | TB      | Catch   |
| Minimum year                  | 1958    | 1958    | 1958      | 1958    | 1958    |
| Maximum year                  | 2007    | 2007    | 2006      | 2007    | 2006    |
| Time series minimum           | 15362.4 | 21270.1 | 0         | 53216.3 | 0       |
| Time series maximum           | 21821.5 | 62750.4 | 0.0428162 | 70359.9 | 1023.91 |
| Units                         | MT      | E03     | ratio     | MT      | MT      |

