

# Assessment of Southeast Australia orange roughy (*Hoplostethus atlanticus*)

Assessment ID:CSIRO-OROUGHYSE-1978-2007-FULTON

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/98>

Area ID: Australia-AFMA-SE

General assessment details.

| Detail             | Value  |
|--------------------|--|
| Management body    | AFMA   |
| Assessment group   | Commonwealth Scientific and Industrial Research Organization |
| Assessment authors | Wayte, Sally   |
| Assessment method  | Stock Synthesis v2.0 model                                   |
| Publication year   | 2007   |
| Timeseries span    | 1978-2007  |
| Document           | OROUGHYSE.pdf (pdf not in database)                          |
| Recorder           | FULTON   |
| Date entered       | 2008-04-30   |
| Date last loaded   | 2011-07-25   |
| QA/QC complete     | YES  |
| Date approved      | 2009-04-21   |

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

| primary LME                     |       |       | secondary LME          | tertiary LME |
|---------------------------------|-------|-------|------------------------|--------------|
| 42 - Southeast Australian Shelf |       |       | na                     | na           |
| Parameter                       | Value | Units | Reference points       |              |
| SSB-AGE-yr                      | 2     | yr    | Parameter              | Value        |
| SSB-SEX-sex                     | 0     | sex   |                        | Units        |
| TB-AGE-yr                       | 0     | yr    | SSBmsy-MT (SSB)        | 8149.26 MT   |
| A50-yr                          | 32    | yr    | Bpa-MT (TB)            | 19558.224 MT |
| L50-cm                          | 32    | cm    | $SSB_{2007}/SSB_{msy}$ | 0.519        |
| REC-AGE                         |       |       |                        |              |
| F-AGE-yr                        |       |       |                        |              |
| M                               |       |       |                        |              |

| Time series minima and maxima |         |         |          |         |       |
|-------------------------------|---------|---------|----------|---------|-------|
|                               | SSB     | R       | F        | TB      | Catch |
| Minimum year                  | 1978    | 1978    | 1978     | 1978    | 1978  |
| Maximum year                  | 2007    | 2007    | 2006     | 2007    | 2006  |
| Time series minimum           | 3182.91 | 5044.64 | 0        | 64072.5 | 0     |
| Time series maximum           | 57075.7 | 10202.8 | 0.642012 | 195951  | 34502 |
| Units                         | MT      | E03     | ratio    | MT      | MT    |

