

# Assessment of Southern Atlantic coast spanish mackerel (*Scomberomorus maculatus*)

Assessment ID:SEFSC-SPANMACKSATLC-1950-2008-JENSEN

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/75>

Area ID: USA-NMFS-SATLC

General assessment details.

| Detail             | Value  |
|--------------------|--|
| Management body    | NMFS   |
| Assessment group   | Southeast Fisheries Science Center                 |
| Assessment authors |  |
| Assessment method  | Statistical catch-at-age model                     |
| Publication year   | 2008   |
| Timeseries span    | 1950-2008  |
| Document           | JENSEN_SPANMACKSATLC_2008.pdf<br>(pdf in database) |
| Recorder           | JENSEN   |
| Date entered       | 2008-11-25   |
| Date last loaded   | 2010-04-30   |
| QA/QC complete     | YES  |
| Date approved      | 2010-04-30   |

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

| primary LME                          |       |       | secondary LME          | tertiary LME |
|--------------------------------------|-------|-------|------------------------|--------------|
| 6 - Southeast U.S. Continental Shelf |       |       | na                     | na           |
| Parameter                            | Value | Units | Reference points       |              |
|                                      |       |       | Parameter              | Value Units  |
| REC-AGE                              |       |       | Bmsy-MT (TB)           | 40288 MT     |
| SSB-AGE-yr                           |       |       | Fmsy-1/yr (F)          | 0.352 1/yr   |
| SSB-SEX-sex                          |       |       | MSY-MT (TB)            | 5941.60 MT   |
| TB-AGE-yr                            |       |       | SSBmsy-MT (SSB)        | 15027 MT     |
| F-AGE-yr                             |       |       | $TB_{2008}/B_{msy}$    | 0.467        |
| M                                    |       |       | $F_{2007}/F_{msy}$     | 0.909        |
| A50-yr                               |       |       | $SSB_{2007}/SSB_{msy}$ | 0.377        |
| L50-cm                               |       |       |                        |              |

| Time series minima and maxima |       |         |      |       |         |
|-------------------------------|-------|---------|------|-------|---------|
|                               | SSB   | R       | F    | TB    | Catch   |
| Minimum year                  | 1950  | 1950    | 1950 | 1950  | 1950    |
| Maximum year                  | 2007  | 2008    | 2007 | 2008  | 2007    |
| Time series minimum           | 2263  | 10149.6 | 0.32 | 8074  | 1797.32 |
| Time series maximum           | 18087 | 40494.5 | 1.74 | 45316 | 9308.03 |
| Units                         | MT    | E03     | 1/yr | MT    | MT      |

