## Assessment of Western Gulf of Mexico red snapper (*Lutjanus campechanus*) Assessment ID:SEFSC-RSNAPWGM-1880-2003-STANTON

Assessment ID:SEFSC-RSNAPWGM-1880-2003-STANTON Issue URL: http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/456

Area ID: USA-NMFS-WGM

General assessment details.

| Detail             | Value                              |  |  |
|--------------------|------------------------------------|--|--|
| Management body    | NMFS                               |  |  |
| Assessment group   | Southeast Fisheries Science Center |  |  |
| Assessment authors | SEDAR                              |  |  |
| Assessment method  | Statistical catch-at-age model     |  |  |
| Publication year   | 2005                               |  |  |
| Timeseries span    | 1880-2003                          |  |  |
| Document           | RedSnapper-SEDAR-2008.pdf (pdf in  |  |  |
|                    | database)                          |  |  |
| Recorder           | STANTON                            |  |  |
| Date entered       | 2010-05-10                         |  |  |
| Date last loaded   | 2011-06-14                         |  |  |
| QA/QC complete     | YES                                |  |  |
| Date approved      | 2011-06-10                         |  |  |

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

| primary LME   | second     | dary LMI | E tertia | ary LME |
|---------------|------------|----------|----------|---------|
| 5 - Gulf of M | exico na   |          | na       |         |
| Par           | Parameter  |          | Units    |         |
| REG           | REC-AGE-yr |          | yr       |         |
| M-1           | M-1/yr     |          | 1/yr     |         |
| NATMORT-1/yr  |            | 0.29     | 1/yr     |         |
| SSB-AGE-yr    |            |          |          |         |
| SSB-SEX-sex   |            |          |          |         |
| TB-AGE-yr     |            |          |          |         |
| F-AGE-yr      |            |          |          |         |
| M             |            |          |          |         |
| A50-yr        |            |          |          |         |
| L50-cm        |            |          |          |         |

| Reference points       |                  |         |  |  |  |  |  |
|------------------------|------------------|---------|--|--|--|--|--|
| Parameter              | Value            | Units   |  |  |  |  |  |
| Fref-1/T (F)           | 0.069            | 1/T     |  |  |  |  |  |
| NATMORT-1/yr (M)       | 0.29             | 1/yr    |  |  |  |  |  |
| SSBmsy-MT (SSB)        | 1236505.488524   | MT      |  |  |  |  |  |
| MSY-MT (TB)            | 18656.4456137168 | MT      |  |  |  |  |  |
| BH-h-dimless           | 0.9              | dimless |  |  |  |  |  |
| $SSB_{2003}/SSB_{msy}$ | 0.000            |         |  |  |  |  |  |

| Time series minima and maxima |        |        |   |    |                  |  |  |  |
|-------------------------------|--------|--------|---|----|------------------|--|--|--|
|                               | SSB    | R      | F | TB | Catch            |  |  |  |
| Minimum year                  | 1984   | 1983   |   |    | 1880             |  |  |  |
| Maximum year                  | 2003   | 2002   |   |    | 2003             |  |  |  |
| Time series minimum           | 390    | 5953.2 |   |    | 87.59095460885   |  |  |  |
| Time series maximum           | 1110.5 | 21933  |   |    | 2919.80356919405 |  |  |  |
| Units                         | E03    | E03    |   |    | MT               |  |  |  |

