

# Assessment of Southern Pacific Coast gopher rockfish (*Sebastes carnatus*)

Assessment ID:SWFSC-GOPHERSPCOAST-1965-2005-STANTON  
Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/339>

Area ID: USA-NMFS-SPCOAST

General assessment details.

| Detail             | Value  |
|--------------------|--|
| Management body    | NMFS   |
| Assessment group   | Southwest Fisheries Science Center           |
| Assessment authors | Key, Meisha                                  |
| Assessment method  | Stock Synthesis v2.0 model                   |
| Publication year   | 2005   |
| Timeseries span    | 1965-2005                                    |
| Document           | 2005-SAFE-Wcgopher.pdf (pdf not in database) |
| Recorder           | STANTON                                      |
| Date entered       | 2009-05-20                                   |
| Date last loaded   | 2011-07-25                                   |
| QA/QC complete     | YES  |
| Date approved      | 2010-02-10                                   |

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

|              |       |       | primary LME                  | secondary LME | tertiary LME |
|--------------|-------|-------|------------------------------|---------------|--------------|
|              |       |       | 3 - California Current       | na            | na           |
| Parameter    | Value | Units | Reference points             |               |              |
|              |       |       | Parameter                    | Value         | Units        |
| SSB-AGE-yr   | 3+    | yr    | NATMORT-1/yr (M)             | 0.2           | 1/yr         |
| SSB-SEX-sex  | 1     | sex   | SSB <sub>msy</sub> -MT (SSB) | 798           | MT           |
| REC-AGE-yr   | 0     | yr    | MSY-MT (TB)                  | 101           | MT           |
| F-AGE-yr-yr  | 1+    | yr-yr | U <sub>msy</sub> -ratio (U)  | 0.103         | ratio        |
| TB-AGE-yr    | 1+    | yr    | SSB <sub>0</sub> -MT (SSB)   | 1995          | MT           |
| M-1/yr       | 0.2   | 1/yr  | B <sub>0</sub> -MT           | 2440          | MT           |
| NATMORT-1/yr | 0.2   | 1/yr  | BH-h-dimless                 | 0.65          | dimless      |
| M            |       |       | $SSB_{2005}/SSB_{msy}$       | 2.383         |              |
| A50-yr       |       |       |                              |               |              |
| L50-cm       |       |       |                              |               |              |

| Time series minima and maxima |        |      |   |        |       |
|-------------------------------|--------|------|---|--------|-------|
|                               | SSB    | R    | F | TB     | Catch |
| Minimum year                  | 1965   | 1965 |   | 1965   | 1965  |
| Maximum year                  | 2005   | 2005 |   | 2005   | 2004  |
| Time series minimum           | 639.2  | 920  |   | 1283.3 | 8.7   |
| Time series maximum           | 2423.8 | 8070 |   | 2995.5 | 208.6 |
| Units                         | MT     | E03  |   | MT     | MT    |

