

# Assessment of Gulf of Maine witch flounder (*Glyptocephalus cynoglossus*)

Assessment ID: NEFSC-WITFLOUN5Y-1982-2008-WIGLEY

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/114>

Area ID: USA-NMFS-5Y

General assessment details.

| Detail             | Value                              |
|--------------------|------------------------------------|
| Management body    | NMFS                               |
| Assessment group   | Northeast Fisheries Science Center |
| Assessment authors | Northeast Fisheries Science Center |
| Assessment method  | Virtual Population Analysis        |
| Publication year   | 2008                               |
| Timeseries span    | 1982-2008                          |
| Document           | NULL (pdf not in database)         |
| Recorder           | WIGLEY                             |
| Date entered       | 2008-12-10                         |
| Date last loaded   | 2009-03-23                         |
| QA/QC complete     | NO                                 |
| Date approved      |                                    |

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

| primary LME                          |           |       | secondary LME                | tertiary LME |       |
|--------------------------------------|-----------|-------|------------------------------|--------------|-------|
| 7 - Northeast U.S. Continental Shelf |           |       | na                           | na           |       |
| Parameter                            | Value     | Units | Reference points             |              |       |
|                                      |           |       | Parameter                    | Value        | Units |
| SSB-AGE-yr                           | AVAILABLE | yr    | F <sub>msy</sub> -1/T (F)    | 0.20         | 1/T   |
| REC-AGE-yr                           | 3         | yr    | F40%-1/T                     | 0.20         | 1/T   |
| F-AGE-yr-yr                          | AVAILABLE | yr-yr | SSB <sub>msy</sub> -MT (SSB) | 11447        | MT    |
| M-1/T                                | 0.15      | 1/T   | MSY-MT (TB)                  | 2352         | MT    |
| TB-AGE-yr                            |           |       | Frebuild-1/T (F)             | 0.194        | 1/T   |
| M                                    |           |       | $F_{2007}/F_{msy}$           | 1.450        |       |
| A50-yr                               |           |       | $SSB_{2007}/SSB_{msy}$       | 0.300        |       |
| L50-cm                               |           |       |                              |              |       |

| Time series minima and maxima |       |       |      |    |         |
|-------------------------------|-------|-------|------|----|---------|
|                               | SSB   | R     | F    | TB | Catch   |
| Minimum year                  | 1982  | 1982  | 1982 |    | 1982    |
| Maximum year                  | 2007  | 2008  | 2007 |    | 2007    |
| Time series minimum           | 3434  | 2175  | 0.23 |    | 1171.56 |
| Time series maximum           | 16903 | 25781 | 1.14 |    | 6759.74 |
| Units                         | MT    | E03   | 1/T  |    | MT      |

