

# Assessment of Southern New England /Mid Atlantic yellowtail flounder (*Limanda ferruginea*)

Assessment ID:NEFSC-YELLSNEMATL-1935-2008-BAUM

Issue URL: <http://www.marinebiodiversity.ca/RAMlegacy/ramlegacy-bug-reporting/14>

Area ID: USA-NMFS-SNEMATL

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    | 1935-2008   |
| Document           | NMFS-SNEMATL-Limandaferruginea-2008.pdf (pdf in database) |
| Recorder           | BAUM  |
| Date entered       | 2008-11-04  |
| Date last loaded   | 2011-07-25  |
| 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                          |       |       | secondary LME          | tertiary LME |       |
|--------------------------------------|-------|-------|------------------------|--------------|-------|
| 7 - Northeast U.S. Continental Shelf |       |       | na                     | na           |       |
| Parameter                            | Value | Units | Reference points       |              |       |
|                                      |       |       | Parameter              | Value        | Units |
| SSB-SEX-sex                          | NA    | sex   | Fmsy-1/T (F)           | 0.254        | 1/T   |
| REC-AGE-yr                           | 1     | yr    | F40%-1/T               | 0.254        | 1/T   |
| F-AGE-yr-yr                          | 4-6+  | yr-yr | SSBmsy-MT (SSB)        | 27400        | MT    |
| A50-yr                               | 2     | yr    | MSY-MT (TB)            | 6100         | MT    |
| SSB-AGE-yr                           |       |       | Frebuild-1/T (F)       | 0.08         | 1/T   |
| TB-AGE-yr                            |       |       | $F_{2007}/F_{msy}$     | 1.614        |       |
| M                                    |       |       | $SSB_{2007}/SSB_{msy}$ | 0.128        |       |
| L50-cm                               |       |       |                        |              |       |

| Time series minima and maxima |       |        |      |        |       |
|-------------------------------|-------|--------|------|--------|-------|
|                               | SSB   | R      | F    | TB     | Catch |
| Minimum year                  | 1973  | 1972   | 1973 | 1973   | 1935  |
| Maximum year                  | 2007  | 2006   | 2007 | 2007   | 2007  |
| Time series minimum           | 542   | 1133   | 0.4  | 4853   | 345   |
| Time series maximum           | 28815 | 136011 | 3.22 | 199647 | 44369 |
| Units                         | MT    | E03    | 1/T  | E03    | MT    |

