Stock: Icelandic Saithe in Division Va

**Assessment Quality Control Diagram 1**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Average F(4-9,u) | | | | | | | | | | | | | | | |
| Date of assessment | Year | | | | | | | | | | | | | | |
|  | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| 1989 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1990 | 0.44 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1991 | 0.37 | 0.46 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1992 | 0.32 | 0.35 | 0.36 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1993 | 0.31 | 0.34 | 0.37 | 0.30 |  |  |  |  |  |  |  |  |  |  |  |
| 1994 | 0.30 | 0.32 | 0.33 | 0.30 | 0.28 |  |  |  |  |  |  |  |  |  |  |
| 1995 | 0.26 | 0.29 | 0.33 | 0.31 | 0.30 | 0.27 |  |  |  |  |  |  |  |  |  |
| 1996 | 0.28 | 0.33 | 0.38 | 0.36 | 0.36 | 0.34 | 0.30 |  |  |  |  |  |  |  |  |
| 1997 | 0.29 | 0.33 | 0.39 | 0.40 | 0.44 | 0.48 | 0.53 | 0.47 |  |  | |  |  |  |  |
| 1998 | 0.28 | 0.33 | 0.38 | 0.38 | 0.41 | 0.43 | 0.48 | 0.41 | 0.37 |  |  |  |  |  |  |
| 1999 | 0.29 | 0.33 | 0.37 | 0.37 | 0.40 | 0.42 | 0.45 | 0.40 | 0.42 | 0.38 |  |  |  |  |  |
| 2000 | 0.29 | 0.35 | 0.40 | 0.41 | 0.40 | 0.42 | 0.45 | 0.39 | 0.37 | 0.30 | 0.32 |  |  |  |  |
| 2001 | 0.29 | 0.33 | 0.36 | 0.40 | 0.39 | 0.40 | 0.45 | 0.40 | 0.39 | 0.35 | 0.34 | 0.36 |  |  |  |
| 2002 | 0.29 | 0.35 | 0.39 | 0.41 | 0.39 | 0.41 | 0.44 | 0.39 | 0.38 | 0.35 | 0.33 | 0.35 | 0.32 |  |  |
| 2003 | 0.29 | 0.35 | 0.39 | 0.40 | 0.40 | 0.41 | 0.45 | 0.40 | 0.39 | 0.36 | 0.35 | 0.37 | 0.34 | 0.38 |  |
| 2004 | 0.31 | 0.34 | 0.30 | 0.32 | 0.39 | 0.50 | 0.42 | 0.40 | 0.37 | 0.37 | 0.34 | 0.35 | 0.32 | 0.33 | 0.32 |

**Remarks:**

**2003 Assessed at MRI, not in NWWG.**

**Stock: Icelandic Saithe in Division Va**

**Assessment Quality Control Diagram 2**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Recruitment (age 3) Unit: millions | | | | | | | | | | | | | | | | | |
| Date of assessment | Year class | | | | | | | | | | | | | | | | |
|  | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 |
| 1989 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1990 | 47 | 47 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1991 | 22 | 40 | 40 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1992 | 38 | 40 | 40 | 40 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1993 | 42 | 40 | 40 | 40 | 40 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1994 | 37 | 31 | 32 | 40 | 40 | 40 |  |  |  |  |  |  |  |  |  |  |  |
| 1995 | 33 | 26 | 32 | 21 | 56 | 40 | 40 |  |  |  |  |  |  |  |  |  |  |
| 1996 | 32 | 23 | 32 | 19 | 33 | 40 | 40 | 40 |  |  |  |  |  |  |  |  |  |
| 1997 | 30 | 20 | 26 | 13 | 19 | 18 | 25 | 25 | 25 |  |  | |  |  |  |  |  |
| 1998 | 31 | 21 | 27 | 15 | 20 | 18 | 29 | 40 | 25 | 25 |  |  |  |  |  |  |  |
| 1999 | 31 | 22 | 27 | 15 | 19 | 18 | 22 | 23 | 20 | 10 | 20 |  |  |  |  |  |  |
| 2000 | 31 | 21 | 27 | 15 | 21 | 19 | 24 | 25 | 15 | 20 | 20 | 20 |  |  |  |  |  |
| 2001 | 31 | 21 | 27 | 15 | 20 | 18 | 23 | 23 | 15 | 8 | 20 | 20 | 20 |  |  |  |  |
| 2001 | 31 | 21 | 28 | 15 | 21 | 18 | 22 | 24 | 15 | 7 | 23 | 28 | 22 | 30 |  |  |  |
| 2002 | 31 | 21 | 28 | 15 | 21 | 18 | 22 | 24 | 15 | 7 | 23 | 28 | 22 | 30 |  |  |  |
| 2003 | 31 | 21 | 27 | 15 | 20 | 18 | 22 | 24 | 16 | 8 | 27 | 30 | 37 | 48 | 60 | 30 |  |
| 2004 | 31 | 21 | 31 | 15 | 19 | 17 | 33 | 26 | 17 | 8 | 28 | 32 | 46 | 56 | 99 | 9 | 30 |

Average level expected. Median/geometric mean level expected.  
The 1990 year class was taken at “face value” in 1995 High year class strength expected

**Remarks: 2003 Assessed at MRI, not in NWWG.**

**Stock: Icelandic Saithe in Division Va**

**Assessment Quality Control Diagram 3**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Spawning stock biomass ('000 t) | | | | | | | | | | | | | | | | | | | |
| Date of assessment | Year | | | | | | | | | | | | | | | | | | |
|  | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 |
| 1989 | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1990 | 132 | 174 | 180 | 167 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1991 | 147 | 189 | 192 | 167 | 145 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1992 | 156 | 231 | 141 | 190 | 188 | 193 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1993 | 154 | 175 | 184 | 192 | 205 | 196 | 193 |  |  |  |  |  |  |  |  |  |  |  |
| 1994 | 166 | 192 | 203 | 210 | 212 | 205 | 200 | 195 |  |  |  |  |  |  |  |  |  |  |
| 1995 | 185 | 212 | 222 | 221 | 214 | 209 | 194 | 197 | 203 |  |  |  |  |  |  |  |  |  |
| 1996 | 177 | 200 | 199 | 189 | 175 | 158 | 179 | 147 | 162 | 180 |  |  |  |  |  |  |  |  |
| 1997 | 171 | 190 | 189 | 172 | 150 | 120 | 89 | 84 | 71 | 75 | 78 |  |  |  |  |  |  |  |
| 1998 | 176 | 195 | 196 | 181 | 161 | 134 | 101 | 90 | 93 | 91 | 104 | 104 |  |  |  |  |  |  |
| 1999 | 172 | 192 | 193 | 183 | 165 | 138 | 106 | 91 | 87 | 83 | 84 | 91 | ? |  |  |  |  |  |
| 2000 | 163 | 180 | 184 | 169 | 166 | 137 | 107 | 93 | 91 | 89 | 90 | 94 | 99 | ? |  |  |  |  |
| 2001 | 168 | 185 | 193 | 180 | 177 | 148 | 115 | 101 | 91 | 85 | 83 | 83 | 84 | 88 | ? |  |  |  |
| 2002 | 172 | 183 | 185 | 169 | 167 | 142 | 110 | 96 | 90 | 85 | 84 | 87 | 106 | 111 |  |  |  |  |
| 2003 | 105 | 126 | 116 | 116 | 113 | 122 | 86 | 66 | 57 | 49 | 55 | 51 | 54 | 60 | 60 | 72 |  |  |
| 2004 | 103 | 122 | 113 | 122 | 120 | 118 | 83 | 65 | 57 | 56 | 59 | 54 | 59 | 67 | 68 | 86 | 104 |  |

Forecast.

New weight-at-age-in-stock

**Remarks:** **2003 Assessed at MRI, not in NWWG, with a change in stock weights.**