**Stock: Faroe Haddock in Division Vb**

**Assessment Quality Control Diagram 1**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Average F(3-7,u) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date of assessment | Year | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | 1989 | 1990 | 1991 | 1992 | 1993 | | 1994 | | | 1995 | 1996 | | | 1997 | | 1998 | | 1999 | | | 2000 | | | 2001 | | | 2002 | | | 2003 | |
| 1989 |  |  |  |  |  | |  | | |  |  | | |  | |  | |  | | |  | | |  | | |  | | |  | |
| 1990 | 0.26 |  |  |  |  | |  | | |  |  | | |  | |  | |  | | |  | | |  | | |  | | |  | |
| 1991 | - | - |  |  |  | |  | | |  |  | | |  | |  | |  | | |  | | |  | | |  | | |  | |
| 1992 | 0.29 | 0.31 | 0.29 |  |  | |  | | |  |  | | |  | |  | |  | | |  | | |  | | |  | | |  | |
| 1993 | 0.39 | 0.40 | 0.44 | 0.43 |  | |  | | |  |  | | |  | |  | |  | | |  | | |  | | |  | | |  | |
| 1994 | 0.37 | 0.39 | 0.42 | 0.37 | 0.28 | |  | | |  |  | | |  | |  | |  | | |  | | |  | | |  | | |  | |
| 1995 | 0.31 | 0.32 | 0.34 | 0.27 | 0.23 | | 0.24 | | |  |  | | |  | |  | |  | | |  | | |  | | |  | | |  | |
| 1996 | 0.30 | 0.30 | 0.31 | 0.25 | 0.19 | | 0.19 | | | 0.21 |  | | |  | |  | |  | | |  | | |  | | |  | | |  | |
| 1997 | 0.32 | 0.34 | 0.31 | 0.24 | 0.18 | | 0.18 | | | 0.19 | 0.31 | |  | |  | | | |  | | |  | | |  | | |  | | |
| 1998 | 0.27 | 0.26 | 0.25 | 0.19 | | 0.16 | | 0.17 | 0.19 | | 0.27 | 0.32 | | |  | |  | | |  | | |  | | |  | | |  | |
| 1999 | 0.23 | 0.23 | 0.21 | 0.15 | | 0.13 | | 0.13 | 0.14 | | 0.18 | 0.17 | | | 0.21 | |  | | |  | | |  | | |  | | |  | |
| 2000 | 0.27 | 0.26 | 0.24 | 0.17 | | 0.15 | | 0.16 | 0.17 | | 0.23 | 0.23 | | | 0.26 | | 0.20 | | |  | | |  | | |  | | |  | |
| 2001 | 0.29 | 0.29 | 0.29 | 0.22 | | 0.20 | | 0.21 | 0.23 | | 0.32 | 0.38 | | | 0.56 | | 0.52 | | | 0.48 | | |  | | |  | | |  | |
| 2002 | 0.29 | 0.27 | 0.28 | 0.21 | | 0.19 | | 0.21 | 0.23 | | 0.31 | 0.35 | | | 0.52 | | 0.51 | | | 0.32 | | | 0.38 | | |  | | |  | |
| 2003 | 0.29 | 0.27 | 0.28 | 0.21 | | 0.19 | | 0.21 | 0.23 | | 0.33 | 0.39 | | | 0.57 | | 0.56 | | | 0.37 | | | 0.40 | | | 0.45 | | |  | |
| 2004 |  |  |  |  | |  | |  |  | |  |  | | |  | |  | | |  | | |  | | |  | | |  | |

**Remarks:**

**Stock: Faroe Haddock in Division Vb**

**Assessment Quality Control Diagram 2**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Recruitment (age 2 ) Unit: millions | | | | | | | | | | | | | | | | |
| Date of assessment | Year class | | | | | | | | | | | | | | | |
|  | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
| 1989 | - |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1990 | 3 | 22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1991 | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1992 | 11 | 5 | 17 | 17 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1993 | 15 | 13 | 7 | 1 | 11 |  |  |  |  |  |  |  |  |  |  |  |
| 1994 | 8 | 2 | 3 | 6 | 7 | 11 |  |  |  |  |  |  |  |  |  |  |
| 1995 | 16 | 14 | 9 | 3 | 2 | 2 | 6 |  |  |  |  |  |  |  |  |  |
| 1996 | 17 | 14 | 10 | 3 | 4 | 2 | 7 | 26 |  |  |  |  |  |  |  |  |
| 1997 | 18 | 15 | 10 | 3 | 3 | 2 | 5 | 60 | 26 |  |  | |  |  |  |  |
| 1998 | 20 | 16 | 10 | 3 | 3 | 2 | 7 | 63 | 24 | 3 |  |  |  |  |  |  |
| 1999 | 23 | 18 | 12 | 4 | 4 | 3 | 10 | 125 | 49 | 12 | 7 |  |  |  |  |  |
| 2000 | 21 | 16 | 11 | 4 | 3 | 2 | 9 | 121 | 59 | 10 | 16 | 14 |  |  |  |  |
| 2001 | 18 | 14 | 9 | 3 | 3 | 2 | 7 | 85 | 42 | 7 | 3 | 21 | 12 |  |  |  |
| 2002 | 19 | 14 | 9 | 3 | 3 | 2 | 6 | 96 | 47 | 8 | 3 | 17 | 17 | 44 |  |  |
| 2003 | 19 | 15 | 9 | 3 | 3 | 2 | 6 | 89 | 40 | 8 | 3 | 15 | 23 | 98 | 48 |  |
| 2004 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Average level expected. From surveys.

**Remarks:**

**Stock: Faroe Haddock in Division Vb**

**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 | 69 | 58 | 56 | 55 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1991 | - | - | - | - | - |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1992 | 49 | 40 | 36 | 33 | 32 | 32 |  |  |  |  |  |  |  |  |  |  |  |  |
| 1993 | 41 | 31 | 26 | 17 | 14 | 14 | 15 |  |  |  |  |  |  |  |  |  |  |  |
| 1994 | 41 | 30 | 25 | 17 | 14 | 19 | 16 | 17 |  |  |  |  |  |  |  |  |  |  |
| 1995 | 47 | 37 | 32 | 23 | 18 | 17 | 19 | 27 | 45 |  |  |  |  |  |  |  |  |  |
| 1996 | 51 | 41 | 32 | 25 | 21 | 20 | 21 | 27 | 41 | 49 |  |  |  |  |  |  |  |  |
| 1997 | 46 | 38 | 31 | 23 | 22 | 21 | 25 | 44 | 55 | 61 | 54 |  |  |  |  |  |  |  |
| 1998 | 53 | 46 | 38 | 29 | 27 | 26 | 31 | 49 | 60 | 50 | 42 | 36 |  |  |  |  |  |  |
| 1999 | 70 | 54 | 45 | 36 | 35 | 33 | 44 | 84 | 118 | 117 | 133 | 108 | 85 |  |  |  |  |  |
| 2000 | 53 | 46 | 38 | 31 | 28 | 28 | 37 | 76 | 114 | 114 | 97 | 108 | 90 | 73 |  |  |  |  |
| 2001 | 50 | 42 | 33 | 25 | 22 | 21 | 26 | 52 | 77 | 73 | 53 | 40 | 39 | 27 | 22 |  |  |  |
| 2002 | 52 | 44 | 34 | 27 | 23 | 22 | 28 | 57 | 85 | 84 | 64 | 53 | 56 | 63 | 57 | 57 |  |  |
| 2003 | 52 | 44 | 35 | 27 | 23 | 21 | 22 | 48 | 75 | 73 | 54 | 42 | 50 | 73 | 96 |  |  |  |
| 2004 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Forecast.

**Remarks:**