**Stock: Anglerfish *L. piscatorius* (Divisions VIIIc and IXa)**

**Assessment Quality Control Diagram 1**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Average F(6-10, ,u) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Year | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Date of assessment | | 1988 | | 1989 | | 1990 | | 1991 | | 1992 | | 1993 | | 1994 | | 1995 | | 1996 | | 1997 | | 1998 | | 1999 | | 2000 | | 2001 | | 2002 | |
| 1989 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1990 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1991 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1992 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1993 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1994 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1995 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1996 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1997 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1998 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 1999\* | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 2000 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 2001 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |
| 2002 | | 0.3981 | | 0.4599 | | 0.4192 | | 0.4475 | | 0.4504 | | 0.3087 | | 0.1981 | | 0.1444 | | 0.2676 | | 0.4748 | | 0.4303 | | 0.3412 | | 0.2607 | | 0.3043 | |  | |
| 2003 | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |  | |

**Stock: : Anglerfish *L. piscatorius* (Divisions VIIIc and IXa**

**Assessment Quality Control Diagram 2**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Recruitment (age 0) Unit: millions (age 1 in 2000 assessment) | | | | | | | | | | | | | | | |
| Year class | | | | | | | | | | | | | | | |
| Date of assessment | 1989 | | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 |
| 1989 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1990 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1991 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1992 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1993 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1994 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1995 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1996 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1997 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1998 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1999 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2000 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2001 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2002 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2003 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Stock: Anglerfish *L. piscatorius* ( (Divisions VIIIc and IXa)**

**Assessment Quality Control Diagram 3**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Spawning stock biomass ('000 t) | | | | | | | | | | | | | | | | | |
| Year | | | | | | | | | | | | | | | | | |
| Date of assessment | 1989 | | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 |
| 1989 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1990 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1991 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1992 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1993 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1994 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1995 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1996 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1997 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1998 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1999 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2000 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2001 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2002 | 10.1 | | 8.1 | 7.5 | 7.6 | 6.9 | 7.6 | 8.3 | 9.6 | 9.2 | 7.1 | 5.0 | 4.3 | 2.8 |  |  |  |  |
| 2003 |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |