**Stock: Saithe in Sub-area IV (North Sea), Division IIIa (Skagerrak) and Sub-area**  **VI (West of Scotland and Rockall)**

**Assessment Quality Control Diagram 1**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Average F(3-6,u) | | | | | | | | | | | | | | |
| Date of assessment | Year | | | | | | | | | | | | | |
|  | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
| 1999 | 0.61 | 0.66 | 0.61 | 0.58 | 0.63 | 0.53 | 0.52 | 0.45 | 0.48 | 0.39 | 0.49 |  |  |  |
| 2000 | 0.63 | 0.68 | 0.60 | 0.57 | 0.63 | 0.53 | 0.50 | 0.41 | 0.40 | 0.30 | 0.37 | 0.45 |  |  |
| 2001 | 0.65 | 0.71 | 0.64 | 0.59 | 0.62 | 0.51 | 0.52 | 0.42 | 0.41 | 0.28 | 0.32 | 0.34 | 0.29 |  |
| 2002 | 0.65 | 0.71 | 0.64 | 0.60 | 0.63 | 0.52 | 0.52 | 0.43 | 0.42 | 0.29 | 0.34 | 0.33 | 0.26 | 0.25 |

**Stock: Saithe in Sub-area IV (North Sea), Division IIIa (Skagerrak) and Sub-area**  **VI (West of Scotland and Rockall)**

**Assessment Quality Control Diagram 2**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Recruitment (age 1) Unit: millions | | | | | | | | | | | | | | |
| Date of assessment | Year class | | | | | | | | | | | | | |
|  | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 |
| 1999 | 218 | 156 | 235 | 156 | 320 | 149 | 185 | 102 | 175 | 175 | 175 |  |  |  |
| 2000 | 219 | 159 | 240 | 167 | 346 | 170 | 238 | 106 | 94 | 181 | 181 | 181 |  |  |
| 2001 | 219 | 156 | 236 | 169 | 356 | 173 | 279 | 137 | 138 | 175 | 194 | 194 | 194 |  |
| 2002 | 218 | 156 | 235 | 168 | 343 | 171 | 275 | 134 | 229 | 187 | 351 | 203 | 203 | 203 |

Geometric mean 1987-1996;Geometric mean 1988-1997; Geometric mean 1989-1998; Geometric mean 1985-1999

**Stock: Saithe in Sub-area IV (North Sea), Division IIIa (Skagerrak) and Sub-area VI (West of Scotland and Rockall)**

**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 |
| 1999 | 118 | 107 | 106 | 108 | 109 | 118 | 133 | 138 | 170 | 152 | 168 | 145 | 146 |  |  |  |
| 2000 | 115 | 103 | 102 | 105 | 112 | 126 | 140 | 151 | 204 | 200 | 202 | 188 | 157 | 149 |  |  |
| 2001 | 110 | 98 | 92 | 94 | 101 | 109 | 136 | 159 | 202 | 204 | 223 | 218 | 232 | 233 | 234 |  |
| 2002 | 110 | 97 | 92 | 94 | 100 | 108 | 134 | 155 | 193 | 193 | 208 | 205 | 247 | 298 | 325 | 338 |

Forecast at status quo; Forecast at TAC.