WHOM\_SS\_OM2.2\_MP5.00\_1000\_23

Date: 05-Jul-2020 20.33

SSB (Mt)

| **25%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 1.52 | 1.43 | 1.35 | 1.29 | 1.22 | 1.16 | 1.11 |
| MT | 1.97 | 1.69 | 1.44 | 1.25 | 1.08 | 0.95 | 0.83 |
| LT | 2.25 | 1.79 | 1.46 | 1.21 | 1.02 | 0.85 | 0.70 |

| **50%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 1.71 | 1.61 | 1.53 | 1.45 | 1.38 | 1.31 | 1.24 |
| MT | 2.26 | 1.93 | 1.66 | 1.44 | 1.25 | 1.10 | 0.97 |
| LT | 2.62 | 2.10 | 1.71 | 1.43 | 1.21 | 1.03 | 0.88 |

| **75%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 1.91 | 1.81 | 1.71 | 1.62 | 1.54 | 1.46 | 1.40 |
| MT | 2.61 | 2.26 | 1.96 | 1.71 | 1.51 | 1.33 | 1.18 |
| LT | 3.08 | 2.48 | 2.04 | 1.70 | 1.45 | 1.26 | 1.09 |

Yield (kt)

| **25%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 45 | 84 | 118 | 148 | 174 | 198 |
| MT | 0 | 53 | 90 | 117 | 135 | 147 | 153 |
| LT | 0 | 57 | 92 | 114 | 128 | 134 | 130 |

| **Median** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 51 | 96 | 135 | 169 | 199 | 225 |
| MT | 0 | 61 | 105 | 136 | 158 | 173 | 182 |
| LT | 0 | 67 | 108 | 135 | 151 | 161 | 163 |

| **75%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 58 | 109 | 152 | 191 | 225 | 254 |
| MT | 0 | 72 | 124 | 161 | 188 | 206 | 219 |
| LT | 0 | 79 | 128 | 160 | 181 | 195 | 200 |

IAV

| **25%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | NA | 0.19 | 0.19 | 0.18 | 0.18 | 0.18 | 0.18 |
| MT | NA | 0.19 | 0.19 | 0.19 | 0.19 | 0.18 | 0.18 |
| LT | NA | 0.20 | 0.21 | 0.21 | 0.21 | 0.20 | 0.20 |

| **Median** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | NA | 0.27 | 0.26 | 0.25 | 0.24 | 0.24 | 0.24 |
| MT | NA | 0.25 | 0.25 | 0.25 | 0.24 | 0.24 | 0.24 |
| LT | NA | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 |

| **75%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | NA | 0.36 | 0.35 | 0.34 | 0.34 | 0.33 | 0.32 |
| MT | NA | 0.33 | 0.33 | 0.33 | 0.32 | 0.32 | 0.32 |
| LT | NA | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 | 0.31 |

FBar

| **25%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 0.024 | 0.047 | 0.071 | 0.095 | 0.118 | 0.142 |
| MT | 0 | 0.024 | 0.048 | 0.072 | 0.096 | 0.120 | 0.144 |
| LT | 0 | 0.024 | 0.049 | 0.073 | 0.097 | 0.122 | 0.146 |

| **Median** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 0.025 | 0.051 | 0.076 | 0.102 | 0.127 | 0.153 |
| MT | 0 | 0.026 | 0.051 | 0.077 | 0.103 | 0.128 | 0.154 |
| LT | 0 | 0.026 | 0.051 | 0.077 | 0.102 | 0.128 | 0.154 |

| **75%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 0.027 | 0.055 | 0.082 | 0.109 | 0.136 | 0.164 |
| MT | 0 | 0.027 | 0.055 | 0.082 | 0.109 | 0.137 | 0.164 |
| LT | 0 | 0.027 | 0.054 | 0.081 | 0.107 | 0.134 | 0.161 |

Risk (Type3) to Blim (%)

| **mean** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0.3 | 0.3 | 0.4 | 0.7 | 1.1 | 2.4 | 4.6 |
| MT | 0.0 | 0.0 | 0.0 | 0.5 | 4.5 | 13.3 | 29.6 |
| LT | 0.0 | 0.0 | 0.1 | 1.4 | 9.8 | 26.2 | 46.3 |

Risk (Type3) to Bpa (%)

| **mean** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 5.5 | 6.8 | 9.4 | 13.3 | 20.5 | 28.8 | 38.6 |
| MT | 0.1 | 0.7 | 5.4 | 18.5 | 39.4 | 59.0 | 73.3 |
| LT | 0.0 | 0.3 | 5.7 | 23.6 | 46.6 | 67.0 | 81.1 |

Extinction Risk (%)

| **mean** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MT | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LT | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Settings used

| **class** | **desc** | **value** |
| --- | --- | --- |
| OM | code | OM2.2 |
| OM | desc | WGWIDE19 |
| OM | IM |  |
| OM | SRR | SRR.WG19.SegReg\_Blim.exterm |
| OM | RecAR | TRUE |
| OM | maxRecRes1 | 3 |
| OM | maxRecRes2 | -3 |
| OM | BioYrs1 | 2008 |
| OM | BioYrs2 | 2017 |
| OM | BioConst | FALSE |
| OM | SelYrs1 | 2008 |
| OM | SelYrs2 | 2017 |
| OM | SelConst | FALSE |
| OM | Obs |  |
| OM | refPts.Fpa | 0.074 |
| OM | refPts.Flim | 0.103 |
| OM | refPts.Fmsy | 0.074 |
| OM | refPts.Bpa | 1168272 |
| OM | refPts.Blim | 834480 |
| OM | refPts.MSYBtrigger | 1168272 |
| OM | refPts.Bloss | 761613 |
| OM | pBlim | 0.05 |
| MP | code | MP5.00 |
| MP | desc | ConstF |
| MP | xlab | Const F |
| MP | HCRName | None |
| MP | F\_target1 | 0 |
| MP | F\_target2 | 0.025 |
| MP | F\_target3 | 0.05 |
| MP | F\_target4 | 0.075 |
| MP | F\_target5 | 0.1 |
| MP | F\_target6 | 0.125 |
| MP | F\_target7 | 0.15 |
| MP | B\_trigger |  |
| MP | minTAC |  |
| MP | maxTAC |  |
| MP | TAC\_IAV |  |
| MP | Obs.cvF | 0.22 |
| MP | Obs.phiF | 0.03 |
| MP | Obs.cvSSB | 0.36 |
| MP | Obs.phiSSB | 0.51 |
| OTHER | niters | 1000 |
| OTHER | nyr | 23 |
| OTHER | CU | 2018-2020 |
| OTHER | ST | 2021-2025 |
| OTHER | MT | 2026-2030 |
| OTHER | LT | 2031-2040 |
| OTHER | flstock | WGWIDE19.RData |
| OTHER | flstock\_sim | MSE\_WGWIDE19\_FLStocks\_15PG.RData |