WHOM\_SS\_OM2.2\_MP5.01\_1000\_23

Date: 05-Jul-2020 20.37

SSB (Mt)

| **25%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 1.42 | 1.42 | 1.36 | 1.29 | 1.22 | 1.16 | 1.11 |
| MT | 1.67 | 1.64 | 1.43 | 1.23 | 1.07 | 0.93 | 0.82 |
| LT | 1.81 | 1.75 | 1.45 | 1.20 | 1.01 | 0.84 | 0.68 |

| **50%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 1.61 | 1.60 | 1.53 | 1.45 | 1.37 | 1.30 | 1.24 |
| MT | 1.94 | 1.90 | 1.65 | 1.43 | 1.25 | 1.10 | 0.97 |
| LT | 2.17 | 2.06 | 1.70 | 1.41 | 1.19 | 1.02 | 0.87 |

| **75%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 1.79 | 1.78 | 1.69 | 1.61 | 1.53 | 1.46 | 1.39 |
| MT | 2.26 | 2.18 | 1.90 | 1.66 | 1.46 | 1.29 | 1.15 |
| LT | 2.61 | 2.45 | 2.01 | 1.69 | 1.44 | 1.24 | 1.07 |

Yield (kt)

| **25%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 50 | 51 | 84 | 118 | 149 | 176 | 199 |
| MT | 50 | 54 | 89 | 114 | 132 | 144 | 150 |
| LT | 50 | 58 | 91 | 113 | 126 | 132 | 128 |

| **Median** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 50 | 55 | 95 | 134 | 168 | 197 | 223 |
| MT | 50 | 62 | 104 | 135 | 156 | 171 | 180 |
| LT | 50 | 66 | 106 | 132 | 149 | 158 | 160 |

| **75%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 50 | 60 | 108 | 152 | 190 | 223 | 252 |
| MT | 50 | 71 | 122 | 158 | 184 | 202 | 216 |
| LT | 50 | 78 | 128 | 160 | 181 | 193 | 201 |

IAV

| **25%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 0.04 | 0.18 | 0.17 | 0.17 | 0.17 | 0.16 |
| MT | 0 | 0.10 | 0.18 | 0.18 | 0.18 | 0.17 | 0.17 |
| LT | 0 | 0.14 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |

| **Median** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 0.12 | 0.25 | 0.25 | 0.24 | 0.24 | 0.23 |
| MT | 0 | 0.17 | 0.24 | 0.24 | 0.24 | 0.23 | 0.23 |
| LT | 0 | 0.20 | 0.24 | 0.24 | 0.24 | 0.25 | 0.24 |

| **75%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 0.20 | 0.34 | 0.33 | 0.32 | 0.32 | 0.31 |
| MT | 0 | 0.25 | 0.31 | 0.31 | 0.31 | 0.30 | 0.30 |
| LT | 0 | 0.25 | 0.30 | 0.30 | 0.30 | 0.30 | 0.30 |

FBar

| **25%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0.023 | 0.027 | 0.048 | 0.072 | 0.095 | 0.119 | 0.143 |
| MT | 0.018 | 0.025 | 0.047 | 0.071 | 0.095 | 0.119 | 0.142 |
| LT | 0.016 | 0.025 | 0.049 | 0.073 | 0.097 | 0.121 | 0.146 |

| **Median** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0.025 | 0.028 | 0.051 | 0.077 | 0.102 | 0.128 | 0.154 |
| MT | 0.021 | 0.027 | 0.051 | 0.076 | 0.102 | 0.127 | 0.153 |
| LT | 0.019 | 0.026 | 0.051 | 0.076 | 0.102 | 0.127 | 0.153 |

| **75%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0.028 | 0.031 | 0.055 | 0.082 | 0.109 | 0.136 | 0.164 |
| MT | 0.024 | 0.029 | 0.054 | 0.082 | 0.109 | 0.136 | 0.163 |
| LT | 0.022 | 0.028 | 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 | 0.3 | 0.4 | 0.8 | 2.0 | 4.2 |
| MT | 0.1 | 0.1 | 0.1 | 0.4 | 4.2 | 14.5 | 30.5 |
| LT | 0.1 | 0.1 | 0.2 | 2.2 | 11.6 | 28.1 | 48.1 |

Risk (Type3) to Bpa (%)

| **mean** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 7.5 | 7.5 | 9.1 | 13.3 | 20.7 | 29.6 | 39.7 |
| MT | 1.5 | 1.6 | 5.7 | 19.4 | 39.7 | 59.6 | 76.1 |
| LT | 0.9 | 1.1 | 7.5 | 25.6 | 49.0 | 68.5 | 82.0 |

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 | MP5.01 |
| MP | desc | ConstF minTAC |
| MP | xlab | ConstF minTAC |
| 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 | 50000 |
| 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 |