WHOM\_SS3\_OM2.2\_MP5.00\_1000\_50 Andy

Date: 09-Jul-2020 21.41

SSB (Mt)

| **25%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 1.24 | 1.17 | 1.10 | 1.04 | 0.99 | 0.94 | 0.89 |
| MT | 1.68 | 1.43 | 1.23 | 1.05 | 0.90 | 0.78 | 0.67 |
| LT | 2.12 | 1.64 | 1.30 | 1.06 | 0.83 | 0.55 | 0.34 |
| **50%** | | | | | | | |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 1.40 | 1.32 | 1.25 | 1.18 | 1.12 | 1.06 | 1.0 |
| MT | 1.92 | 1.63 | 1.40 | 1.21 | 1.05 | 0.91 | 0.8 |
| LT | 2.43 | 1.87 | 1.49 | 1.22 | 0.99 | 0.76 | 0.5 |
| **75%** | | | | | | | |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 1.54 | 1.46 | 1.37 | 1.30 | 1.23 | 1.17 | 1.11 |
| MT | 2.20 | 1.88 | 1.62 | 1.41 | 1.22 | 1.07 | 0.94 |
| LT | 2.80 | 2.17 | 1.73 | 1.42 | 1.18 | 0.97 | 0.75 |

Yield (kt)

| **25%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 40 | 75 | 106 | 133 | 157 | 178 |
| MT | 0 | 48 | 82 | 106 | 122 | 132 | 136 |
| LT | 0 | 55 | 88 | 108 | 114 | 95 | 71 |
| **Median** | | | | | | | |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 46 | 86 | 121 | 151 | 178 | 200 |
| MT | 0 | 56 | 95 | 124 | 144 | 156 | 163 |
| LT | 0 | 64 | 102 | 126 | 137 | 133 | 105 |
| **75%** | | | | | | | |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 0 | 53 | 98 | 138 | 172 | 202 | 227 |
| MT | 0 | 65 | 112 | 145 | 168 | 184 | 194 |
| LT | 0 | 73 | 118 | 146 | 162 | 168 | 157 |

IAV

| **25%** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | NA | 0.18 | 0.18 | 0.17 | 0.17 | 0.17 | 0.17 |
| MT | NA | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 | 0.18 |
| LT | NA | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 |
| **Median** | | | | | | | |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | NA | 0.26 | 0.25 | 0.24 | 0.24 | 0.23 | 0.23 |
| MT | NA | 0.24 | 0.24 | 0.24 | 0.23 | 0.23 | 0.23 |
| LT | NA | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 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 | 0.33 | 0.32 | 0.32 |
| MT | NA | 0.32 | 0.31 | 0.30 | 0.30 | 0.30 | 0.29 |
| LT | NA | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 | 0.28 |

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 | 0.119 | 0.142 |
| MT | 0 | 0.024 | 0.048 | 0.072 | 0.096 | 0.120 | 0.143 |
| LT | 0 | 0.025 | 0.050 | 0.075 | 0.100 | 0.125 | 0.150 |
| **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 | 0.025 | 0.051 | 0.076 | 0.102 | 0.127 | 0.153 |
| 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 | 0.054 | 0.082 | 0.109 | 0.136 | 0.163 |
| MT | 0 | 0.027 | 0.054 | 0.081 | 0.108 | 0.135 | 0.162 |
| LT | 0 | 0.026 | 0.052 | 0.079 | 0.105 | 0.131 | 0.157 |

Risk (Type3) to Blim (%)

| **mean** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 2.2 | 2.4 | 3.1 | 4.7 | 7.5 | 12.8 | 20.3 |
| MT | 0.0 | 0.3 | 0.8 | 4.7 | 16.7 | 37.0 | 57.9 |
| LT | 0.0 | 0.0 | 1.1 | 9.8 | 33.3 | 61.6 | 81.6 |

Risk (Type3) to Bpa (%)

| **mean** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Period/Ftgt** | **0** | **0.025** | **0.05** | **0.075** | **0.1** | **0.125** | **0.15** |
| ST | 25.6 | 31.2 | 39.6 | 50.4 | 62.1 | 72.4 | 79.9 |
| MT | 1.0 | 4.8 | 19.9 | 45.4 | 67.6 | 83.4 | 91.7 |
| LT | 0.1 | 2.4 | 19.0 | 48.0 | 73.0 | 88.0 | 95.3 |

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 | 50 |
| OTHER | CU |  |
| OTHER | ST |  |
| OTHER | MT |  |
| OTHER | LT |  |
| OTHER | flstock | WGWIDE19.RData |
| OTHER | flstock\_sim | MSE\_WGWIDE19\_FLStocks\_1k15PG.RData |