

Atlantic States Marine Fisheries Commission

Horseshoe Crab Adaptive Resource Management Subcommittee

ARM Model Update Modeling Webinar Workshop

Draft Agenda

July 28-30, 2020

Webinar Link (video and audio through webinar):

<https://global.gotomeeting.com/join/157075269>

The times listed are approximate; the order in which these items will be taken is subject to change; other items may be added as necessary.

Tuesday, July 28 (Whole ARM)

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| 1) Welcome/Introductions (<i>J. Sweka</i>) | 8:30 a.m. |
| 2) NEFOP Discards (<i>K. Anstead</i>) | 8:35 a.m. |
| 3) Natural Mortality (<i>D. Smith</i>) | 9:30 a.m. |
| 4) Break | 10:00 a.m. |
| 5) CMSA Update (<i>K. Anstead</i>) | 10:30 a.m. |
| 6) Lunch | 11:30 a.m. |
| 7) Bird Data Analysis (<i>J. Lyons</i>) | 1:00 p.m. |
| 8) Other Business/Adjourn | 3:00 p.m. |

Wednesday, July 29 (Whole ARM in morning)

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| 1) Review Utility Functions (<i>C. McGowan</i>) | 8:30 a.m. |
| 2) Break | 10:00 a.m. |
| 3) Model Weights (<i>C. McGowan</i>) | 10:30 a.m. |
| 4) Lunch | 12:00 p.m. |

Modeling Work Group

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| 5) Review of Changes from Day 1.5 (<i>K. Anstead</i>) | 1:00 p.m. |
| 6) Stock Recruitment (<i>J. Sweka</i>) | 2:00 p.m. |
| 7) Other Business/Adjourn | 3:00 p.m. |

Thursday, July 30 (Modeling Work Group)

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| 1) Translating Current Decision Model from ASDP to MDPsolve (<i>B. Nuse</i>) | 8:30 a.m. |
| 2) Break | 9:30 a.m. |
| 3) Prioritizing Changes to the Current Decision Model (<i>B. Nuse</i>) | 10:00 a.m. |
| <ul style="list-style-type: none">• Population models, i.e., incorporate the CMSA model• Model weight update based on earlier discussions• Other decision model components: utility, harvest packages, etc. | |
| 4) Lunch | 12:00 p.m. |
| 5) Continued Discussion of Changes to the Current Decision Model (<i>B. Nuse</i>) | 1:00 p.m. |
| <ul style="list-style-type: none">• ASMFC-user accessibility for the decision model: software platform and user-interface | |
| 6) Report Structure (<i>K. Anstead</i>) | 2:45 p.m. |
| 7) Other Business/Adjourn | 3:00 p.m. |