

**Illex Research Track Working Group
February 23, 2021 Meeting #2
Agenda/Tasks List**

TOR	Task	Person(s) Responsible	Completion Target
1	SBRM Discard Data: Work up annual Illex data	Lisa Hendrickson	February (Meeting #2)
2	Economic Factors: Discuss approaches with Chad Demerest and report back on possible ways forward	Lisa Hendrickson	February (Meeting #2)
2	CPUE: Develop individual vessel CPUEs for Study Fleet participants and discuss CPUE drivers with captains (will work with Paul Rago and John Manderson on the questions for the discussions); Develop full fleet modeled CPUE for review by WG. Will need to pull in VTR and possibly VMS data for full fleet CPUE models.	Anna Mercer, Brooke Lowman, Andy Jones, John Manderson, Paul Rago	March?
3	Maturity & Growth Data: Work up maturity ogives	Lisa Hendrickson	February (Meeting #2)
3,4	Identify Illex pulses: Explore option of applying Rao-Ureta's generalized depletion modeling methods to Illex.	John Manderson, Brooke Lowman	February (Meeting #2)
4	Consider Environmental Factors: Exploring options (VAST model, frontal drivers, Study Fleet, VMS) and presenting to the WG.	John Manderson, Brooke Lowman, Anna Mercer, Lisa Hendrickson, Kim Hyde, Sarah Salois	March/April?

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5	CuSum Method: Further develop CuSum method to present to working group.	Paul Rago	March?
5	Conventional Leslie Depletion Model: Present work from last summer's MAFMC Illex WG meetings for comparison to other depletion methods.	Paul Rago	February (Meeting #2)
5	Falklands Depletion Model: Run this model with inputs from US Illex fishery; Develop "comparative anatomy" of oceanography of Falklands and Northwest Atlantic to assess appropriateness of use of this model in this region.	Lisa Hendrickson, Paul Rago, Daniel Hocking, John Manderson	March?
5	Maturation-Natural Mortality Model: Lisa will run this model with hopefully some new age/growth data from 2020.	Lisa Hendrickson	April/May?