

Developing the next generation tuna stock assessment model

December 9-11, 11am – 3 pm, San Diego time

(December 10-12, 6am – 10 am, Noumea time)

Day 1

11:00 Intro (10 min) Arni Magnusson and Mark Maunder (Chair)

Spatial structure

11:10 Review (30 min) Matt Cheng

11:40 Contributed (20 min) Jim Thorson

12:00 Contributed (20 min) Inna Senina

12:20 Discussion (30 min)

12:50 break

Tagging data

1:10 Review (30 min) Dan Goethel

1:40 Contributed (20 min) Tobias Mildemberger

2:00 Contributed (20 min) Simon de Lestang

2:20 Discussion (30 min)

2:50 Summary

Day 2

Random effects

11:00 Review (30 min) Anders Nielsen

11:30 Contributed (20 min) Tim Miller

11:50 Contributed (20 min) Noel Cadigan

12:10 Discussion (30 min)

12:40 Summary

Close kin mark-recapture

1:00 Review (30 min) Rich Hillary

1:30 Contributed (20 min) Mark Bravington

1:50 Contributed (20 min) Nicholas Fisch

2:10 Discussion (30 min)

2:40 break

Day 3

Length based dynamics

11:00 Review (30 min) Andre Punt

11:30 Contributed (20 min) gadget: Bjarki Elvarsson, Jamie Lentin, Daniel Howell

11:50 Contributed (20 min) Nick Davies

12:10 Discussion (30 min)

12:40 break

General concepts (need to decide what is needed, Darcy might present here instead)

1:00 Lessons learned from other general models (20 min) Rick Methot

1:20 Discussion (10 min)

1:30 Workflow in RTMB (20 min) Darcy

1:50 Discussion (10 min)

2:00 Framework and components (20 min) Mark and Arni

2:20 Discussion (10 min)

2:30 General discussion (30 min)