



Australian Government
Australian Fisheries Management Authority



Australian Southern Bluefin Tuna Fishery



ANNUAL RESEARCH STATEMENT



2017-2018

DRAFT

Version 1.0

SBT Annual Research Statement for 2017/18

AFMA funding in 2017/18 (AFMA Research Committee - ARC)

Title	Objectives and component tasks	Evaluation		
		Total cost (approx. only) 2017/18	Priority/rank SBTMAC	Feasibility
SBT Inter-sessional science	<p>2017/18</p> <p>This is essential work that provides ongoing scientific advice to the Southern Bluefin Tuna MAC and AFMA to support the adequate monitoring, implementation and success of management arrangements in the Southern Bluefin Tuna Fishery.</p> <ol style="list-style-type: none"> 1. Planning, consultation, attendance, advice exceptional circumstances, 2018 data exchange. 2. Full assessment of stock status and reconditioning of operating models. 3. Technical consultation for MP transition 	<p>2017/18: \$580,000</p> <p>Provide breakdown of sources</p>	Essential	Yes

	<p>4. Development of performance indicators and robustness tests, reconditioning operating models, changes to projections code, develop and code candidate MPs5. Review of candidate MP performance</p>			
<p>Routine otolith archiving, ageing and developing age-length keys for the Australian SBT surface fishery 2017-18</p> <p>Was originally a stand-alone project now incorporated into SBT inter-sessional science.</p>	<p>Age 100 SBT from the Australian surface fishery (2016/17 season).</p> <p>Provide direct age estimates to the CCSBT via the data exchange process</p> <p>Construct age-length keys and estimate the age distribution of SBT in the Australian fishery.</p> <p>Prepare working paper on the outcomes of the project to the CCSBT Scientific Committee (SC) meeting in 2018.</p>		Essential	Yes

<p>Developing an independent estimate of size and age at maturity</p> <p>CCSBT maturity workshop 2017 (Bali research lab)</p>	<p>Collecting of gonads/otoliths in Australia. Target sample size 200 (Approximately 178 collected thanks to Industry collaboration with CSIRO).</p> <p>Histology of samples.</p> <p>Data analysis and paper writing, plus travel and attendance at 2017 CCSBT workshop to develop maturity schedule.</p>	<p>\$20,000 – histology and travel for 1 officer (does not cover overall analysis of all members data)</p>	<p>High</p>	<p>Yes</p>
<p>CCSBT direct ageing workshop</p>	<p>Travel and attendance at age validation workshop.</p>		<p>Low</p> <p>Medium if done in conjunction with maturity workshop</p>	<p>Yes</p>