



Australian Government
Australian Fisheries Management Authority

Southern Squid Jig Fishery



ANNUAL RESEARCH STATEMENT

 2017-18

DRAFT

Version 1.0

Southern Squid Jig Fishery - 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)	Priority/rank	Feasibility
Improving the SSJF fishing fleets ability to catch squid.	To understand the utility and effectiveness of squid jigging fishing techniques and practices used in other fisheries to determine what improvements can be made to increase the SSJF fishing fleets ability to catch squid.	75k	High	
Alignment of management frameworks between Commonwealth and State arrangements.	To examine how management frameworks and improved communication can be aligned between jurisdictions to determine likely economic benefits in sharing arrangements.	50k	Medium	
Improving the location and targeting of economically viable aggregations of squid available to the squid jigging method (Field work component only)	To understand what environmental cues and indicators that will assist the fishery better focus their targeting practices, includes: <ul style="list-style-type: none"> • Remote sensing data on sea surface temperature, chlorophyll A concentrations etc. • Abundance records of sharks that predate on squid (e.g. mako sharks caught on boats for tagging have large number of squid stomach contents). 	Field work 500k – 1 million	Low	

	New Zealand data on characterizing where squid have been caught relative to environmental factors.			
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FRDC funding in 2017/18 (Commonwealth Research Advisory Committee - ComRAC)

Title	Objectives and component tasks	Evaluation		
		Total cost (approx. only)	Priority/rank	Feasibility
Improving the SSJF fishing fleets ability to catch squid.	To understand the utility and effectiveness of squid jigging fishing techniques and practices used in other fisheries to determine what improvements can be made to increase the SSJF fishing fleets ability to catch squid.	75k	High	
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	New Zealand data on characterizing where squid have been caught relative to environmental factors.			
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Key documents

- Framework for delivering cost effective research for AFMA
- RAG gap identification form
- AFMA research cycle and timetable
- FRDC research cycle and timetable

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