



AEC Reference No.: 2021/029

Date of Expiry: 30 January 2023

Online Project ID: 11042

Full Approval Duration: 31 January 2022 to 30 January 2023

This ARA remains in force until the Date of Expiry (unless suspended, cancelled or surrendered) and will only be renewed upon receipt of a satisfactory Progress Report before expiry (see Approval email for submission details).

Principal Investigator:

██████████
Department of Biological Sciences
Macquarie University NSW 2109
██████████
██████████

Associate Investigators:

██████████ ██████████
██████████ ██████████
██████████ ██████████

In case of emergency, please contact:
the Principal Investigator / Associate Investigator named above
and Animal Welfare Officer: ██████████

The above-named are authorised by MACQUARIE UNIVERSITY ANIMAL ETHICS COMMITTEE to conduct the following research:

Title of the project: Tracking pelagic sharks across the East Australian Current and Tasman Sea

Purpose: 7 – Research: environmental study

Aims: To collect biological samples and deploy acoustic and satellite tracking tags on top predators to examine their health, spatial ecology and identify their key habitats in the remote oceanic region comprising the East Australian Current and Tasman Sea between the NSW coast and Lord Howe Island

Surgical Procedures category: 4 – Minor surgery with recovery

All procedures must be performed as per the AEC-approved protocol, unless stated otherwise by the AEC and/or AWO.

Maximum numbers approved (for the Full Approval Duration): *List all animals on ARA here*

Species	Strain	Sex/Size/Age	Total	Supplier/Source
S23 – Fish	White Shark (<i>Carcharodon carcharias</i>)	Any	13	In-Situ - Wildlife
	Tiger Shark (<i>Galeocerdo cuvier</i>)		13	
	Mako Shark (<i>Isurus oxyrinchus</i>)		13	
	Blue Shark (<i>Prionace glauca</i>)		13	
	Silky Shark (<i>Carcharhinus falciformis</i>)		13	
	Galapagos Shark (<i>Carcharhinus galapagensis</i>)		13	
		TOTAL	78	

Location of research:

Location	Full street address
In-Situ - Wildlife	New South Wales coastal and offshore waters, departing from northern NSW (likely Ballina) and arriving in Lord Howe Island.

Amendments approved by the AEC since initial approval: N/A

Conditions of Approval: N/A

Being animal research carried out in accordance with the Code of Practice for a recognised research purpose and in connection with animals (other than exempt animals) that have been obtained from the holder of an animal suppliers licence.

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██████████ (Chair, Animal Ethics Committee)

Approval Date: 16 December 2021