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# Sub-Antarctic Fisheries Annual Research Statement

2023-2024

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## Fishery Annual Research Statement 2023-2024

### AFMA funding in 2022-2023 (AFMA Research Committee (ARC))

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| --- | --- | --- |
| **Title** | **Objectives and component tasks** | **Evaluation** |
| **Total cost (approx. only)** | **Priority/rank** | **Feasibility** |
| Current funded projects |
| **Macquarie Island Toothfish Fishery stock assessment** (Project 210804)  | To undertake the 2023 MITF stock assessment | $140,000 (2 year project: 2022/23 $95,075; 2023/24 $40,000)  | Essential | High  |
| **Quantifying post-release survival of skate bycatch in the Heard Island and McDonald Islands Patagonian Toothfish longline fishery** (Project 210805) | To quantify post-release movement behaviour and survival of *Bathyraja irrasa* caught in the HIMI longline fishery using satellite tags | $120,000  | Essential | High |
| Newly identified research priorities |
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### FRDC funding in 2023-2024 (Industry Partnership Agreement (IPA))

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| **Title** | **Objectives and component tasks** | **Evaluation** |
| **Total cost (approx. only)** | **Priority/rank** | **Feasibility** |
| **Current funded projects** |
| **Investigating sources of variability in the Heard Island and McDonald Islands Patagonian Toothfish fishery** (Project 2020-097**)** | Commercial in confidence | **$840,000** | Essential | High |
| **Science to support Australia’s Southern Ocean Fisheries 2021-2023** (Project 2020-095) | Commercial in confidence | **$1,240,000** | Essential | High |
| **Southern Ocean IPA: Environmental and ecosystem drivers of catch efficiency within Australia’s subantarctic Patagonian Toothfish (Dissostichus eleginoides) fisheries** (Project 2019-169) | Commercial in confidence | **$372,089** | Essential | High |
| **Title** | **Objectives and component tasks** | **Evaluation** |
| **Total cost (approx. only)** | **Priority/rank** | **Feasibility** |
| Newly identified research priorities |
| **HIMI and Macquarie Island Toothfish close-kin study** | Estimate of absolute abundance for Patagonian toothfish stocks present at HIMI and Macquarie Island | High | Medium | Medium |
| **HIMI Random Longline Survey** | Undertake surveys to estimate the longline fishable abundance and biomass of Patagonian toothfish within HIMI  | High (vessel time likely provided in-kind) | High | High |

Evaluation key:

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| --- | --- | --- |
| **Cost** | **Priority categories** | **Feasibility categories** |
| High: >$200,000 | Essential | High |
| Medium: $100,000 - $200,000 | High | Medium |
| Low: <$100,000 | Medium | Low |
|  | Low |  |