

PIRSA

Cost Recovery Implementation Statement for the Charter Boat Fishery

1 July 2022 to 30 June 2023

Cost Recovery Implementation Statement

Information current as of February 2022
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Introduction

Wild catch commercial fisheries in South Australia are managed in accordance with the Department of Primary Industries and Regions (PIRSA) Cost Recovery Policy. This policy requires commercial fishery licence fees to fund services related to commercial fisheries management costs. PIRSA Fisheries and Aquaculture continue to manage the process of consulting with service providers and relevant industry associations to establish fishery-based management programs, which form the basis of annual licence fees.

For each sector, the program required to manage the fishery has the following components:

- Assessment and Research Services.
- Fisheries Management Services.
- Compliance Services, including communication, enforcement and monitoring activities.
- Support Services, including Legislation, Licensing and Business Services (Directorate).

This documentation provides a framework to assist in establishing appropriate research, policy, compliance and support services to manage a fishery.

For further information relating to Cost Recovery Reviews, Policy and Framework, they can be found at https://www.pir.sa.gov.au/fishing/commercial_fishing/pirsa_services_to_fisheries_industry

Consistent with Principle 7 of the PIRSA Cost Recovery Policy, an annual schedule of meetings for stakeholder engagement and support for the cost recovery process in relation to commercial fisheries is outlined below:

Annual schedule of meetings		
Date	Activity	Parties
Sept/Oct	Review long-term objectives for fishery and update if necessary. Identify priority outcomes for upcoming financial year.	PIRSA and industry association
October	Develop policy, research and compliance work programs in readiness for discussions (fisheries managers with industry) in November.	PIRSA
November	Discuss proposed programs with relevant industry associations and reach agreement on programs for the upcoming period. Industry associations to consult with wider industry.	PIRSA and industry association
February	Formal meetings with industry associations to finalise work programs and summarise costs.	PIRSA and industry association
March	Submit proposed licence fees to Minister. Prepare Ministerial Notice briefing to vary and prescribe lease and licence fees for the next financial year.	PIRSA and government agencies
June	Invoices sent for annual licence fees.	PIRSA

* Dates above are indicative only and may vary due to unforeseen circumstances that may arise throughout any year. ** If a four-year agreement has been adopted, the Cost Recovery Implementation Agreement (CRIA) will determine that an annual meeting will occur to enable annual stakeholder engagement.

Summary Table

2021-22 (\$)	PROGRAM AREA	2022-23 (\$)	COMMENTS	DAYS	FTE
RESEARCH COSTS					
74,398	Stock Assessment and Monitoring	77,250	Year 4 of 4 year research project scope		
21,327	Economic Assessment	21,967	As per contracted services 2022-23		
3,836	Other Research	3,907	Contribution towards Threatened and Endangered Species		
PIRSA RELATED COSTS					
64,350	Fisheries Management	65,625	Same level of service as previous year	75	0.38
9,240	Legislation	9,420	Same level of service as previous year	10	0.05
27,900	Licensing	28,440	Same level of service as previous year	30	0.15
2,559	Directorate	2,610	Same level of service as previous year	3	0.02
75,060	Compliance	76,560	Same level of service as previous year	60	0.30
53,800	Vessel	54,880	Same level of service as previous year	8	0.04
OTHER COSTS					
43,000	Co-Management Services	50,000	Co-Management Services requested for 2022-23		
375,470	TOTAL	390,659			

Licence Fees 2022-23 (\$)	
Base	3,353
Category 1	838
Category 2	1,677
Category 3	3,353
<i>Licence Fees 2021-22 (\$)</i>	
<i>Base</i>	<i>3,258</i>
<i>Category 1</i>	<i>814</i>
<i>Category 2</i>	<i>1,629</i>
<i>Category 3</i>	<i>3,258</i>

Program Daily Charge Out Rate 2022-23

	DAILY RATE (\$)					
	Compliance	Directorate	Legislation	Licensing	F/Management	Vessel
Total Employee Expenses	653	636	734	513	634	2,580
Total Operating Expenses	325	92	66	129	100	2,768
Deprecation and Capital Costs	70	0	0	0	0	1,070
Total Other Expenses*	227	141	141	305	141	442
TOTAL DAILY RATE	1,276	870	942	948	875	6,860

Please Note: All dollar values have been rounded to the nearest dollar figure.

* Other expenses includes ICT, finance, human resources, WHS, accommodation, insurance and other costs incurred corporately in providing services to divisions, apportioned across PIRSA using a range of cost drivers such as number of logons, headcount, volume data and other workload indicators, in accordance with PIRSA's cost recovery policy.

Fishery Management Objectives

Long term objectives	Outcomes	Fisheries Management	Compliance	Assessment and Research	Leasing and Licensing
Resources harvested within ecologically sustainable limits. Optimum utilisation and equitable distribution of the resources for the benefit of the community.	Implementation of Management Plan under the <i>Fisheries Management Act 2007</i>	Implementation of Snapper management arrangements in the South East. Support research projects related to Snapper Support development of replacement management plan	Support implementation of Management Plans. Support implementation of Snapper management. Support implementation of revised catch limits in the Charter Boat Fishery. Support refinement of Rock Lobster management arrangements.	Produce a comprehensive report in 2019 and 2022. Produce data summary reports in other years. Discretionary research project – fishery independent index of abundance for Snapper. Support MSF stock assessment reports. Lead FRDC post release survival research program	Provide ongoing support for licensing, tag and transfer queries. Support evaluation and refinement of Rock Lobster management arrangements.
Impacts on the ecosystem are minimised.	Education and awareness programs of catch and release fishing.	Provide support research related to Snapper		Annual TEPS logbook report (all fisheries).	
Cost-effective, efficient and participative management of the fishery.	Effective engagement with industry in accordance with agreed co-management arrangements.	Industry liaison, attendance of meetings and provision of advice, as required. Continue to implement regulatory reform to reduce red tape for the Charter industry	Implement compliance plan, informed by risk assessment.	Industry liaison, attendance of meetings and provision of advice, as required.	Provide ongoing support for licensing and transfer queries.

Fisheries Management Program

Program Manager:

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Program summary

The Fisheries Management Unit of PIRSA Fisheries and Aquaculture undertakes activities such as day-to-day management, long-term planning and policy development for South Australian commercial, recreational and Aboriginal traditional fisheries.

The Fisheries Management unit has the following core functions:

- Administer the *Fisheries Management Act 2007* and regulations.
- Day-to-day management of fisheries resources, to ensure catch and effort levels are commensurate with resource sustainability.
- Develop and implement Management Plans, including Harvest Strategy development and ESD risk assessment, in accordance with the *Fisheries Management Act 2007*.
- Provide advice to the Minister for Primary Industries and Regional Development and Chief Executive on matters relating to fisheries.
- Represent the Executive Director, Fisheries and Aquaculture on committees and other forums on matters related to the administration of the *Fisheries Management Act 2007*.
- Develop over-arching policy frameworks to support fisheries management.
- Build and maintain relationships with key stakeholders, with a particular focus on the commercial and recreational fishing sectors.

Objectives

To provide day-to-day fisheries management services to the Charter Boat Fishery to government and industry, as well as advice and facilitation of fisheries management issues, through the Fisheries Management Program.

Program strategies and supporting actions and initiatives

Anticipated outcomes

1. Prepare day-to-day necessary legislative instruments and/or advice required for the management of the Charter Boat Fishery (regulations, catch limits, closure notices, licence conditions, Ministerial exemptions etc.).
2. Prepare policies to support fisheries management.

3. Prepare regular fisheries status reports.
4. Develop and maintain day-to-day productive working relationships and outcomes through cooperative management and collaboration with stakeholders.
5. Deliver quality and timely responses to correspondence.
6. Further the development of co-management arrangements.

Performance indicators

1. Strong industry and government involvement in co-management relationship and adherence to formally agreed co-management arrangements.
2. Develop and implement Management Plan. Management Plan to include Harvest Strategies that protect sustainability of the fishery based on ESD risk assessment processes.

Program effort allocation

The table below includes an abbreviated suite of core activities and initiatives used to manage risks and reflect the anticipated split of effort and associated costs.

Activity	Days	FTE	Cost (\$)
Fisheries Management	75	0.38	65,625

Please Note: All dollar values have been rounded to the nearest dollar figure.

	Deliverables	Due date
1	Finalise review of management plan and implement replacement management plan pending the outcome of the review	31 July 2022
2.	Temporary Snapper management arrangements for the SE in regards to the Charter Boat Fishery	July 2022
3.	Evaluate regulatory reform to reduce red tape in the Charter Boat Fishery: <ul style="list-style-type: none"> • Live bait • Rock Lobster Access • Extend area of the fishery • Secure allocation as separate to recreational sector Participate in industry development initiatives related to fisheries management.	30 June 2023
4.	Participate in inter- and intra-departmental meetings and workshops on issues relevant to fisheries management.	Ongoing

5.	Liaise within the Fisheries and Aquaculture Division, with SARDI Aquatic Sciences, other parts of PIRSA and other State and Commonwealth agencies on matters relevant to fisheries management.	Ongoing
6.	Liaise within PIRSA, with other government agencies and with industry representatives in implementing decisions relevant to fisheries management.	Ongoing
7.	Conduct regular assessment or review of existing management arrangements for fisheries management, including analysis of statistical information on fisheries and interactions with threatened, endangered and protected species.	Ongoing
8.	Coordinate consultation with fishery stakeholders through established co-management processes and the CBASA.	Ongoing
9.	Participate in industry liaison (e.g. in the field and/or on vessels) to strengthen fishery management knowledge and understanding, and develop rapport with licence holders.	Ongoing
10.	Attend to general correspondence and enquiries relevant to the Charter Boat Fishery.	Ongoing
11.	Provide advice to Minister in relation to the management of fisheries and Ministerial correspondence.	Ongoing
12.	Communicate on fisheries management issues to key stakeholder groups and the broader community.	Ongoing

Legal Services Program

Program Manager:

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Program summary

PIRSA Fisheries and Aquaculture Directorate provides legal services to the Executive Director and all other members of the Division, in particular the Fisheries Management group, on a daily basis. Among other things these services include strategic advice and problem solving, review of draft documentation and correspondence, statutory interpretation and the provision of general advice and statutory interpretation, in consultation with the Crown Solicitor's Office where necessary, regarding any legal issues relating to proposed actions and the implementation or administration of Charter fisheries management and regulatory arrangements through existing legislative frameworks and licence conditions. Consideration is also given to the impacts and effects of other related legislation if and when required.

Objectives

To provide legal services supporting the implementation of necessary, appropriate and effective statutory and administrative changes to government administration of all fishery sectors, as well as strategic advice and facilitation of related policy development, legislative and regulatory issues, through the Legal Services Program.

Program strategies and supporting actions and initiatives

Program effort allocation

The table below includes an abbreviated suite of core activities and initiatives used to manage risks and reflect the anticipated split of effort and associated costs.

Activity	Days	FTE	Cost (\$)
Legislation	10	0.05	9,420

Please Note: All dollar values have been rounded to the nearest dollar figure.

Anticipated outcomes

	Deliverables	Due date
1.	Co-ordinate the introduction, amendment or revocation of Fisheries legislation in line with Fisheries Policy decisions i.e. Act or regulation amendments, the introduction of new regulations and drafting of other legislative and administrative instruments such as delegations, licences, permits, closures or exemption instruments as required under the <i>Fisheries Management Act 2007</i> (the Act). New regulations or amendments require the drafting of Cabinet submissions and supporting documentation, including the preparation of drafting instructions, for consideration by Cabinet. This service includes co-ordinating the cabinet process and working with the Office of Parliamentary Counsel and the Crown Solicitor's Office and other government agencies to ensure that proposed regulatory arrangements are accurately described, drafted and scrutinised before being implemented.	Ongoing
2.	Review licensing arrangements required on an as needs basis to lawfully implement approved fishery management policy and measures within the limitations of the Act. The service includes working with the Licensing program (part of Leasing and Licensing) and Fisheries Management program to ensure licence conditions are effective and where necessary to implement efficient administrative systems and finalise forms and instruments that are legally sound.	Ongoing
3.	Problem solve and review policy developments together with the provision and co-ordination of legal advisory services in liaison with the Crown Solicitor's office relating to and the lawful implementation and administration of the Act, regulations and fisheries management policies, interaction with other Acts, and the defence of those policies and arrangements raised in litigation or industry correspondence.	Ongoing
4.	Coordinate applications for Ministerial exemptions under Part 10 Division 1 and Permits under Part 7 Division 2 of the Act and review draft notices.	Ongoing
5.	Additional legal services to support and review, on an as needs basis, the legislative compliance of decision-making documentation created for the Executive Director, Fisheries and Aquaculture and the Director Operations and other delegates of the Minister under the Act to safeguard the ongoing sustainability of a fishery in any particular year (where required), depending on positive or negative scientific indicators, to implement new fisheries management arrangements (for example bag and boat limits and reporting arrangements) or new administrative or compliance arrangements (for example, changes to licensing processes, conditions, introduction and variation of fishing closures).	Ongoing
6.	Support compliance for statutory interpretation, problem solving and correspondence advice (per above).	Ongoing

Leasing and Licensing Program

Program Manager:

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Program summary

The Fisheries Leasing and Licensing unit of PIRSA Fisheries and Aquaculture is responsible for the management of licensing and quota monitoring services.

This business unit provides a range of services related to the timely processing and management of information leading to the issue of licences and other reporting services.

The unit administers a licensing call centre for licence inquiries and other administrative services. The success of these functions is based on maintaining the Primary Industries Information Management System (PIIMS) database.

Objectives

To provide leasing and licensing services to government and industry through the Leasing and Licensing Program.

Program strategies and supporting actions and initiatives

Program effort allocation

The table below includes an abbreviated suite of core activities and initiatives used to manage risks and reflect the anticipated split of effort and associated costs.

Activity	Days	FTE	Cost (\$)
Leasing and Licensing	30	0.15	28,440

Please Note: All dollar values have been rounded to the nearest dollar figure.

Anticipated outcomes

1. Issue licences to licence holders in an accurate and timely manner.
2. Provide accurate and timely information related to licences.
3. Provide reports as required.

	Deliverables	Due date
	Services to directly support the fishery	
1.	Issue and maintain fishery licences.	Ongoing
2.	Database management for licence and licence holder information.	Ongoing
3.	Collect licence fees and associated payments.	Ongoing
4.	Compose and send quarterly instalment notices.	Ongoing
5.	Record and track unpaid invoices.	Ongoing
6.	Compose and send late payment instalment notices for un-paid quarterly instalments.	Ongoing
7.	Issue bin sealing tags.	Ongoing
8.	Draft and issue notices to fishers.	Ongoing
9.	Process requests for information from fishers who make such inquiries over the counter, through the call centre, via facsimile or e-mail. For example, helping fishers to process information relevant to licensing, application for licence transfers, boat changes, gear enquiries and fishing regulations.	Ongoing
10.	Regularly update information about licence holders.	Ongoing
11.	Research and prepare documents for public record.	Ongoing
12.	Liaise with government stakeholders to verify the credentials of fishers.	Ongoing
13.	Liaise with PIRSA Fisheries and Aquaculture, SARDI Aquatic Sciences, Crown Solicitors and other state and local agencies on matters relevant to the fishery.	Ongoing
14.	Draft and update licence conditions over the duration of the licensing year as determined by the Executive Director, Fisheries and Aquaculture.	Ongoing
15.	Provide information to licence holders relating to the requirements pursuant to licence administration.	Ongoing
16.	Manage calls from fishers regarding late payment notices, fees and general enquiries about their licences.	Ongoing

17.	Provide support regarding administrative enquiries from fishers e.g., master changes and boat variations, as well as provide advice and support to fishers on licence information, to complete the required forms.	Ongoing
	Services to support fisheries management	
1.	Participate in inter and intra departmental meetings and workshops on issues relevant to the fishing industry.	Ongoing
2.	Liaise with relevant staff within PIRSA Fisheries and Aquaculture in implementing decisions relevant to the fishery.	Ongoing
3.	Interrogate the PIIMS database to extract information for other stakeholders to use in preparing reports.	Ongoing
4.	Prepare reports requested by internal and external customers including maintenance of a public register of licence holders.	Ongoing
5.	Liaise with information technology providers to maintain PIIMS and administer licensing requests.	Ongoing

Directorate Program

Program Manager:

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Program summary

Business Strategy, within the Directorate Unit of PIRSA Fisheries and Aquaculture, provides a range of services to support fisheries management. These include coordinating the cost recovery process and establishing agreements with service providers; coordinating program provider reports; administering external contracts and agreements; and providing audit, financial and human resource functions.

Objectives

To provide support services to government and industry, as well as advice and facilitation of corporate related policy and management issues, through the Directorate Program that incorporates the Fisheries and Aquaculture Business Strategy unit.

Program strategies and supporting actions and initiatives

Program effort allocation

The table below includes an abbreviated suite of core activities and initiatives used to manage risks and reflect the anticipated split of effort and associated costs.

Activity	Days	FTE	Cost (\$)
Directorate	3	0.02	2,610

Please Note: All dollar values have been rounded to the nearest dollar figure.

Anticipated outcomes

	Deliverables	Due date
1.	Review and finalise licence fee structure i.e category 1,2,3.	June 2022
2.	Coordinate and facilitate cost recovery processes and program agreements, including liaising with program providers, managers and financial services as required.	Ongoing
3.	Meet with industry on matters relating to cost recovery, licence setting and related policy issues.	Ongoing

4.	Develop and review cost recovery policy, processes and program agreements.	Ongoing
5.	Manage major service providers' contractual agreements, and co-management services contractual agreements with industry associations.	Ongoing
6.	Project manage and administer external contractual services and agreements – including liaising with PIRSA Accredited Purchasing Unit, preparing acquisition plans and selecting evaluation criteria, managing tender processes, drafting purchase recommendations and liaising with the Crown Solicitor's office to develop contractual agreements.	Ongoing
7.	Provide advice on procurement and invoicing requirements.	Ongoing
8.	Consult with the Chief Executive, Executive Director, Fisheries and Aquaculture, Director Operations, PIRSA Fisheries Managers, and the Office of the Minister and other parties as needed.	Ongoing
9.	Ongoing review, development and documentation of the cost recovery model, framework, processes and roles.	Ongoing
10.	Meet agreed timeframes on management and administration of external contractual services.	Ongoing
11.	Appropriate management of industry funds and services.	Ongoing
12.	Provide an Annual Report on PIRSA's service delivery of the Cost Recovery agreement to industry Executive Officer.	September

Fisheries Compliance Operations Program

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Program summary

PIRSA Fisheries and Aquaculture teams coordinate compliance activities (outputs) to build awareness and behavioural outcomes that have a long term beneficial impact in the Charter Boat Fishery. The objective of the compliance activities (outputs) is to minimise the risks to aquatic resource sustainability, resource allocation and access rights and ultimately commercial economic viability.

The coordination of the compliance outputs is guided by an industry specific compliance plan which was developed in consultation with members of the Charter Boat Fishery. These outputs are aimed at educating fishers, deterring opportunistic and financially motivated crimes, enforcing the rules and regulations and reducing overall compliance risks to resource sustainability.

Legislative and regulatory framework

Fisheries Management Act 2007

Fisheries Management (Charter Boat Fishery) Regulations 2006

Fisheries Management (General) Regulations 2007 Schedule 2

Fisheries Management (Demerit Points) Regulations 2009

Charter Fishery Management Plans

Program effort, funding and resources

The level of effort required to deliver the compliance program in accordance with the dedicated plan is reviewed annually taking into account:

- previous effort required to deliver established programs developed over last 10 years.
- the identified risks to the fishery and any associated changes.
- shifts or changes to the fishery management.
- changes to fishing practices.
- additional pressures or influences on fishers or the fishery.
- intelligence holdings.

- trends or change behaviours that required monitoring and/or investigation.
- cost effectiveness and identified efficiencies.
- any other relevant information required to deliver an effective compliance program to monitor and enforce the rules and regulations for each fishery.

PIRSA continually reviews the charter fishery compliance program, gaining efficiencies through data driven compliance activities, targeted operations and re-directing compliance effort where necessary to address any current or emerging issues and risks.

The table below includes the number of days predicted to reflect the anticipated split of effort and associated costs to deliver the compliance outputs for 2022/23.

Compliance Outputs	Days	FTE	Cost (\$)
Education and Awareness	10	0.05	12,760
Effective Deterrence, Monitoring and Surveillance	35	0.18	44,660
Enforcement	15	0.07	19,140
TOTAL OFFICER DAYS	60	0.30	76,560
Offshore Patrol Vessel	8	0.04	54,880

Please Note; to comply with Work Health and Safety obligations and evidentiary requirements, operational activities are generally required to be undertaken by a minimum of two (2) officers at any time.

IT systems, technology and data

Fisheries and Aquaculture Compliance Operations are supported by a number of electronic systems which continue to be refined to allow optimum delivery of information in a reliable and timely way. Some of the key systems that assist to drive the compliance outputs include:

- IBase and Analyst Notebooks (Intelligence system).
- FACT (Fisheries and Aquaculture Information Collection Tool).
- Timewise (Effort Reporting Tool).
- Evidence.com (Video Evidence Collection Tool).
- PIIMS (Primary Industries Information Management System – Quota and Licence Information).
- eCatch.
- eBrief (prosecutions system).
- Commercial Fishing Application.

Delivery outputs

The coordination of compliance outputs is guided by an industry specific compliance plan which was developed in consultation with the Charter Boat Fishery. The plan ensures compliance effort is intelligence driven, efficient, and cost effective and outcome focused. The compliance plan comprises three core outputs (Education and Awareness, Effective Deterrence and Appropriate Enforcement) and is optimised towards increasing voluntary compliance and maximising effective deterrence.

Analysis of intelligence and information holdings is regularly conducted to identify the major risks to the sustainable harvest of species targeted by Charters. The combination of strategies, actions, and initiatives are critical to focus the primary compliance effort to manage the risks and achieve targeted outcomes. The details are identified herein.

Intelligence

- Information collection.
- Analysis and testing of information voracity.
- Provide recommendations for targeted operations.
- Develop strategic assessments.

Education and awareness

- Conduct pre-season education meetings and participate in industry days.
- Provide electronic distribution of educational material to fishers and licence holders at the start of the season.
- Ensure all interested parties understand their respective obligations and the compliance focus for the coming season.
- Develop Industry communication & relationship programs to facilitate discussion of topics such as compliance inspection outcomes and issues impacting the Charter Boat Fishery.
- Ongoing one on one education during inspections.

Effective deterrence, monitoring and surveillance

- Ensure all aspects of commercial fishing activities are monitored such as inspections of catch at sea, when landed, in transit and at change of ownership in fish processing premises.
- Conduct intelligence driven operations that give rise to appropriate enforcement action.
- Respond to reported incidents/issue.
- Communicate activities in formal reporting.

Enforcement

- Investigate reports of non-compliance and where appropriate take action.

- Issue expiations, cautions and court enforced actions.
- Communicate enforcement outcomes in formal reporting.
- Service of suspension.

Risk assessment and management (work priorities)

PIRSA use information obtained from intelligence, monitoring, surveillance and enforcement processes to assess compliance and sustainability risks to the fishery. This subsequently informs work priorities for service delivery. The priorities are prone to change during the fishing season however the following are currently relevant to the Charter Fishery.

1. Exceed Fishing Limits.
2. Fish in Closed Seasons or Areas.
3. Taking Undersize or Oversize.
4. Take Protected or Non-Permitted Species.
5. Illegal Sales.
6. Unlicensed Charters.

Anticipated outcomes

PIRSA will assess the efficacy of the compliance program by evaluating particular outcomes. The outcomes will be in the form of stakeholder awareness, behaviour and impact. Evaluating these outcomes will support decision making and progress towards a common view of a mature fishery and ultimately co-management.

Awareness

Awareness is a short term outcome that is necessary to prevent unnecessary use of enforcement activities. Awareness constitutes an improved community and stakeholder attitude towards compliance, an improved understanding of legislation and regulation, improved stakeholder buy-in and participation and community support for offence detection. The attributes for each are articulated herein.

Improved community and stakeholder attitude

- Confidence in compliance ability to use statutory and discretionary powers appropriately.
- Understanding of the public value of compliance.
- Comprehension of services delivered by compliance against the objects of the Act.
- Confidence in compliance ability to sustain resource allocation equity amongst direct resource users.

Improved understanding of legislation and regulation

- Understanding fishing obligations.
- Legislation and regulation is considered simple and fair to follow.

Improved stakeholder buy-in and participation

- Actively engage with compliance in development of risk assessments, reporting frameworks and reviewing rules.
- Collaborative problem-solving.

Community support for offence detection and sanctions

- Actively provide relevant information.
- Industry driven initiatives and evidence of self-regulation.

Behaviour

Successful outcomes and long term sustainable fisheries are ultimately driven by behaviour that is in the interest of sustainability, ongoing economic viability and public value. The behavioural outcomes that are important to PIRSA include stewardship, voluntary compliance and proactive approaches to compliance issues. The attributes for each are articulated herein.

Stewardship

Stewardship is the aggregation of a number of actions and behaviours where industry is entrusted with the management of the aquatic resources and the associated compliance of its members within the regulatory and legislative input constraints.

Some of the behaviours of stewardship include:

- An acceptance of change from traditional approaches and attitudes to strong partnerships between government, industry and key stakeholder groups.
- An established mutual trust and respect between government, industry and key stakeholders.
- An alignment of values that gives rise to industry and PIRSA communicating the same message focusing on the sustainability of the aquatic resource and associated ongoing economic viability as the primary drivers.
- PIRSA compliance appears seamless to industry. Inputs and outputs are shared. Joint investigations and national problem solving actions are taken by all, collectively and with representative groups engaged in partnership.
- Minimal conflict exists with other stakeholder groups or industry has clear mechanisms or a demonstrated capacity to address the conflict.

Voluntary compliant behaviour

- All appropriate attempts to understand and adhere to rules and regulations are made by industry.
- PIRSA Fisheries and Aquaculture compliance is contacted when industry is unable to meet regulatory requirements so an alternative legal solution can be arranged.
- Industry members report other commercial fishers who fail to meet regulatory requirements.

Proactive approaches to compliance issues (incl. participation in governance process)

- Use established industry structures to collaborate on compliance issues to deliver the shared objective of sustainability and public value.
- Actively participate and respond to compliance issues.
- Highlight deficiencies in compliance programs and suggest improvements.
- Influence other industry participants to promote voluntary compliance.

Impact

The awareness and behaviour changes will lead to a longer term impact that is reflected in economic and ecological sustainability, broad confidence in the allocation of species between user groups, a confidence in the ability of PIRSA to manage resources and an industry that is free from the influence of serious and organised crime. The attributes for each impact is articulated herein.

Ecological and economic sustainability of aquatic resources

- SARDI stock status assessments reflect an ecological sustainability.
- Industry reflect economic sustainability.

Confidence and equity in resource allocation and access

- Recreational, commercial and Aboriginal fishing stakeholders are confident that the division of resources is fair and equitable.
- Investment support continues for ecologically and economically sustainable harvest of specie by the charter industry.

Reduced opportunity for recidivist offenders and Serious Organised Crime to exploit aquatic resources

- Regulators, law enforcement and industry have closed opportunities for Serious Organised Crime to participate in the Charter Boat Fishery.
- Industry has not had any impact resulting from Serious Organised Crime activities for a significant period of time.

Confidence in management of aquatic resources

- Positive public perception in the management of aquatic fish stocks.
- Positive consumer perception for Charter Boat Fishery operations.
- An absence of adverse industry publicity.

Deliverables

In line with the annual performance report the compliance deliverables will be presented separately.

Stock Assessment and Monitoring Program

Fisheries and Aquaculture Contact Person:

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1. Project details

1 Title

South Australian Charter Boat Fishery

1.2 Subcontractor/Collaborator

Not Applicable

1.3 Timeframe

Commencement Date: 1 July 2019

Completion Date: 30 June 2023

1.4 Summary

This is the first four-year research program scope (2019/20–2022/23) for reporting on the South Australian Charter Boat Fishery.

The South Australian Charter Boat Fishery commenced operation on 01/08/2005. SARDI Aquatic Sciences has been contracted by PIRSA to collect, collate, enter, and report on the catch and effort information associated with this fishery to PIRSA Fisheries and Aquaculture.

The key deliverables are a comprehensive report in May 2022 and a data summary report in October 2019, October 2020 and October 2022.

2. Project description

2.1 Background

The Charter Boat Fishery was established in 2005. Since establishment, SARDI have designed a logbook program and delivered an annual catch and effort report, including a Fishery Research Report every three-years to PIRSA Fisheries and Aquaculture. This is consistent with the *Fisheries Management (Charter Boat Fishery) Regulations 2016* and supports the *Management Plans for the South Australian Charter Boat Fishery*. For 2020/21, the program includes collection and analysis of data from the snapper tag returns.

2.2 Need

This project addresses the need for scientific information to support the sustainability of the Charter Boat Fishery in South Australia as identified in the Management Plans for the fishery.

2.3 Objectives

- 2.3.1 To collect, process, collate, enter and validate Charter Boat Fishery log book returns;
- 2.3.2 Provide statistics and assessment reports on Charter Boat Fishery operations; and
- 2.3.3 Respond to the needs of PIRSA F&A to support the on-going sustainable management of the fishery.

2.4 Methods

- 2.4.1 Collect and collate Charter Boat Fishery log book returns;
- 2.4.2 Follow up on incomplete and outstanding returns;
- 2.4.3 Enter and validate data following quality assurance processes; and
- 2.4.4 Analyse and report on the Charter Boat Fishery data.

3. Deliverables

The key deliverables of the 2022/23 Charter Boat Fishery assessment and monitoring program are tabulated below; additional work related to the core program is also identified:

Funding Source	Deliverable	Due Date
This SLA	Data summary report delivered.	31 October 2022
This SLA	Report presentations to PIRSA Fisheries and Aquaculture and Industry delivered as required.	30 June 2023
Other SLA	Assessment of the South Australian Marine Scalefish Fishery	30 March 2023
FRDC	Project continuation: Developing a positive cultural attitude towards the capture and release of sharks and rays (FRDC project 2018/055; Principal Investigator: Dr Michael Drew).	30 June 2023
FRDC	Project completion: Fisheries biology of Western Australian salmon: improving our understanding of population dynamics in South Australia to enable quantitative stock assessments and improved fisheries management (FRDC project 2018/035; Principal Investigator: Dr Jason Earl).	30 June 2023
FRDC	Project continuation: Cost-effective, non-destructive solutions to developing a pre-recruit index for Snapper (FRDC project 2019/046; Principal Investigator: Dr Anthony Fowler).	30 June 2023
FRDC	Project completion: Quantifying post-release survival and movement of Snapper (<i>Chrysophrys auratus</i>): Informing strategies to engage the fishing community in practices to enhance the sustainability of an important multi-sector fishery (FRDC Project 2019/044; Principal Investigator: Dr Troy Rogers).	30 June 2023
FRDC	Project continuation: Evaluation of a smart-phone application to collect recreational fishing catch estimates, including an assessment against an independent probability based survey, using South Australia as a case study (FRDC project 2020/056; Principal Investigator: Dr Crystal Beckmann).	30 June 2023
FRDC	Project continuation: Identifying biological stocks of Silver Trevally and Ocean Jackets for assessment and management (FRDC Project 2021/009; Principal Investigator: Dr John Stewart)	30 June 2023
FRDC	Project EOI/Proposal: A cost-efficient stock assessment program to determine status and set	30 June 2023

	quota for Southern Calamari fisheries. (Note: this is a proposal, not a funded program)	
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3.1 Service Provided:

Collect, process, collate, enter, analyse and report on the catch and effort information associated with the fishery, including collection and analysis of data from the snapper tag returns.

3.2 Outcomes:

The Information is entered in a timely manner which facilitates the management and research of the fishery, and assists fisheries managers and research scientists in the decision making process.

3.3. Outputs and extension:

A comprehensive report in May 2022 and data summary reports (confidential and non-confidential) in October 2019 delivered, October 2020 and October 2022:

4. Funding arrangements

4.1 Project costing policy

This Research Project Scope and Costing has been costed at a Discounted rate.

4.2 Project cost

Financial Year	Total Funded by Licence Holders \$ (GST N/A)	Total SARDI In-kind \$ (GST N/A)	Total Project Cost \$ (GST N/A)
2019/20	\$70,479	\$6,288	\$76,767
2020/21	\$72,410	\$6,445	\$78,855
2021/22	\$74,398	\$6,606	\$81,004
2022/23	\$77,250	\$6,772	\$84,022
TOTAL PROJECT (over 4 financial years)	\$294,537	\$26,111	\$320,648

4.3 Milestone and payment schedule

Date	Milestone	Payment (\$) Ex GST
31 October 2019	Data summary – SA Charter Boat fishery	
31 December 2019	First Half Payment 2019/20 SLA	\$35,239
31 May 2020	Second Half Payment 2019/20 SLA	\$35,240
31 October 2020	Data summary – SA Charter Boat fishery	
31 December 2020	First Half Payment 2020/21 SLA	\$36,205
31 May 2021	Second Half Payment 2020/21 SLA	\$36,205
31 December 2021	First Half Payment 2021/22 SLA	\$37,199
31 May 2022	Second Half Payment 2021/22 SLA	\$37,199
31 May 2022	Report – SA Charter Boat fishery	
31 October 2022	Data summary – SA Charter Boat fishery	
31 December 2022	First Half Payment 2022/23 SLA	\$38,625
31 May 2022	Second Half Payment 2022/23 SLA	\$38,625
SUBTOTAL		\$294,537
GST		NO GST
TOTAL FUNDED		\$294,537

5. Project staff

Staff	2019/20 FTE	2020/21 FTE	2021/22 FTE	2022/23 FTE
Principal Scientist	0.01	0.01	0.01	0.01
Research Scientist	0.14	0.14	0.14	0.14
TOTAL	0.15	0.15	0.15	0.15

6. Project cost summary

Cost	Detail	2019/20 Total (\$) Ex GST	2020/21 Total (\$) Ex GST	2021/22 Total (\$) Ex GST	2022/23 Total (\$) Ex GST
Salaries (FTE)		0.15	0.15	0.15	0.15
Salaries (\$)		19,870	20,381	20,914	22,273
Operating (\$)					
Logbook program (\$)		37,953	39,092	40,265	41,472
Payment to industry for surveys (\$)					
Fieldwork (\$)					
Laboratory (\$)					
Travel (\$)		200	200	200	200
Office and communication (\$)		1,500	1,500	1,500	1,500
Capital equipment (\$)					
SARDI overhead (\$)		10,956	11,237	11,519	11,805
SARDI inkind (\$)		6,288	6,445	6,606	6,772
Total Cost (\$)		76,767	78,855	81,004	84,022
Revenue – PRICE					
Licence holders (\$)	92%	70,479	72,410	74,398	77,250
Total Revenue (\$)		70,479	72,410	74,398	77,250
SARDI Investment (\$)	8%	6,288	6,445	6,606	6,772

Breakdown explanations:

Logbook Program - Entry, validation, management and reporting of fishery catch, effort and Snapper tag return form data.

Payment to industry for surveys - Direct costs of using industry vessels and staff to undertake surveys

Fieldwork - Fieldwork costs including vessels, travel and OHS requirements

Laboratory - Costs for processing samples

Travel - Costs for attending meetings with industry, PIRSA F&A and stakeholders

Office and communication - Stationery, communications and publications

SARDI Overhead - Indirect costs that cannot be directly attributed to a specific business activity, product, or service

SARDI in kind – SARDI investment through supporting costs for specific equipment, capital depreciation, infrastructure and research facilities



Government of South Australia
Department of Primary Industries
and Regions