

# PIRSA Fisheries & Aquaculture Cost Recovery Program

CHARTER BOAT FISHERY

FOR THE YEAR ENDING AT 30 JUNE 2018



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Information current as of June 2017

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## Summary Table Charter Boat Fishery

2016-17 (\$)	PROGRAM AREA	2017-18 (\$)	COMMENTS	Days	FTE
<b>RESEARCH COSTS</b>					
65,373	Stock Assessment and Monitoring	67,643	Year 2 of 3 year SARDI Project Scope		
18,848	Economic Assessment	18,949	As per contracted services 2017-18		
3,618	Other Research	3,968	Contribution towards Threatened and Endangered Species		
<b>PIRSA RELATED COSTS</b>					
67,937	Policy and Management	69,375	Same level of service as previous year	75	0.38
9,777	Legislation	10,020	Same level of service as previous year	10	0.05
21,087	Licensing	21,690	Same level of service as previous year	30	0.15
2,649	Directorate	2,712	Same level of service as previous year	3	0.02
72,408	Compliance	73,440	Same level of service as previous year	60	0.30
56,942	Vessel	58,152	Same level of service as previous year	8	0.04
<b>OTHER COSTS</b>					
10,000	FRDC	0	Industry advised no FRDC contribution for 2017-18 is required (project finished)		
44,340	Co-Management Services	44,340	Co-management services requested for 2017-18		
<b>\$372,980</b>	<b>TOTAL</b>	<b>370,289</b>			

<b>Licence Fees for 2017-18 (\$)</b>	
Base	\$2,571
Category 1	\$642.85
Category 2	\$1,286
Category 3	\$2,571
<b>Licence Fees for 2016-17 (\$)</b>	
Base	2,669
Category 1	667.25
Category 2	1,334
Category 3	2,669

## Program Daily Charge Out Rate

DAILY RATE (\$)	Compliance	Directorate	Legislation	Licensing	Policy	Vessel
Total Employee Expenses	609	575	685	460	582	2,307
Total Operating Expenses	325	136	123	71	150	3,252
Depreciation and Capital Costs	78	0	0	8	0	1,308
Total Other Expenses*	213	193	193	185	193	403
<b>TOTAL DAILY RATE</b>	<b>1,224</b>	<b>904</b>	<b>1,002</b>	<b>723</b>	<b>925</b>	<b>7,269</b>

*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. It excludes the costs of servicing government and costs too far removed from the activity such as Ministerial Offices, Office of the Chief Executive, Strategic Communications and Engagement and the PIRSA Policy Unit, for example.

## Introduction

Wild catch commercial fisheries in South Australia continue to be managed in accordance with the PIRSA Cost Recovery Policy. This policy requires commercial fishery licence fees to fund services related to commercial fisheries management costs. PIRSA Fisheries & 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 Policy and 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.

## CHARTER BOAT FISHERY MANAGEMENT OBJECTIVES 2016/17 TO 2018/19

Fishery	Long term objectives	Outcomes 2016/17 to 2018/19	Policy and Management	Compliance	Assessment and Research	Leasing and Licensing
Charter Boat Fishery	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>  Review and implement charter catch limits in conjunction with bag, boat and size limit review for recreational sector  Review management Plan under the <i>Fisheries Management Act 2007</i>	Implement Management Plan for the Fishery  Implement outcomes of Snapper review  Lead review and implementation of catch limits in the Charter Boat Fishery  Lead review of Management Plan in 2016/17  Consult with Industry to address implementation of the bag, boat and size limit review, and to address emerging issues	Support implementation of Management Plan  Support implementation of Snapper management changes  Support implementation of catch limits in the Charter Boat Fishery  Support review of Management Plan in 2016/17	Produce data summary reports in 2016 and 2017 and a comprehensive report in 2019  Discretionary research project – fishery independent index of abundance for Snapper  Support MSF stock assessment reports consistent with harvest (King George Whiting 16/17, Garfish 17/18)  Support review of Management Plan in 2016/17	Provide ongoing support for licensing and transfer queries  Support review of Management Plan in 2017/18
	Impacts on the ecosystem are minimised	Education and awareness programs of catch and release fishing	Provide support and advice in relation to catch and release fishing		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	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 Policy and Management Program

CHARTER BOAT FISHERY

FOR THE YEAR ENDING AT 30 JUNE 2018

**All enquiries**

**Program Manager**

Jon Presser, General Manager Fisheries Policy and Management Unit  
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## Program Summary

The Fisheries Policy and Management Unit of PIRSA Fisheries & 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 Policy and 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 Agriculture, Food and Fisheries, Chief Executive and Deputy Chief Executive on matters relating to fisheries.
- Represent the Director, Fisheries & Aquaculture Policy and Director, Operations 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.
- Progress Australian Government recommendations under EPBC Act assessment.

## Objectives

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

## PROGRAM STRATEGIES AND SUPPORTING ACTIONS & INITIATIVES

### Program Delivery

1. Participate in inter and intra-departmental meetings and workshops on issues relevant to fisheries management
2. 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
3. Liaise within PIRSA, with other government agencies and with industry representatives in implementing decisions relevant to fisheries management
4. 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
5. Coordinate consultation with fishery stakeholders through established co-management processes
6. Participate in industry liaison in the field and on vessels to strengthen fishery management knowledge and understanding, and develop rapport with licence holders and divers.
7. Participate in industry development initiatives related to fisheries management
8. Attending to general correspondence and enquiries relevant to fisheries
9. Provide advice to Minister in relation to the management of fisheries and Ministerial correspondence



10. Communicate on fisheries management issues to key stakeholder groups and the broader community

## Anticipated Outcomes

- 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).
- Prepare policies to support fisheries management
- Prepare regular fisheries status reports
- Develop and maintain day-to-day productive working relationships and outcomes through cooperative management and collaboration with stakeholders
- Deliver quality and timely responses to correspondence.
- 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 plans 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.

Strategy/Activities	Days	FTE	Cost (\$)
Policy and Management	75	0.38	69,375
<b>TOTALS</b>	<b>75</b>	<b>0.39</b>	<b>69,375</b>

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

# Legal Services Program

CHARTER BOAT FISHERY

FOR THE YEAR ENDING AT 30 JUNE 2018

All enquiries

**Program Manager**

Lambertus Lopez, Manager, Legal and Legislative Programs  
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## Program Summary

PIRSA Fisheries & Aquaculture Directorate provides legal services to the Deputy Chief Executive and all other members of the Division, in particular the policy 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 & INITIATIVES

### Anticipated Outcomes

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 delegation, permit or exemption instruments as required under the *Fisheries Management Act 2007* (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 involving liaison with the Office of Parliamentary Counsel and the Crown Solicitor's Office and inter agency consultation to ensure that proposed regulatory arrangements are accurately described, drafted and scrutinised before being implemented.
2. Review licensing arrangements required on an as needs basis to appropriately 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) where necessary to implement efficient administrative systems and finalise forms and instruments that are legally sound.
3. Problem solve together with the provision and co-ordination of legal advisory services in liaison with the Crown Solicitor's office relating to the 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.
4. Coordinate applications for Ministerial exemptions under Part 10 Division 1 and Permits under Part 7 Division 2 of the Act.
5. Additional legal services to support, on an as needs basis, the decision-making of the Director Fisheries and Aquaculture policy 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 the introduction or variation of a quota system) or new administrative or compliance arrangements (for example, changes to licensing processes, conditions, introduction of closures).

6. Support compliance for statutory interpretation, problem solving and correspondence advice (per above).

## 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.

Strategy/Activities	Days	FTE	Cost (\$)
Legislation	10	0.05	10,020
<b>TOTALS</b>	<b>10</b>	<b>0.05</b>	<b>10,020</b>

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

# Leasing and Licensing Program

CHARTER BOAT FISHERY

FOR THE YEAR ENDING AT 30 JUNE 2018

**All enquiries**

**Program Manager**

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## Program summary

The fisheries leasing & licensing unit within PIRSA Fisheries & 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 & INITIATIVES

### 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.

### Services to directly support the fishery:

1. Renew and maintain fishery licences.
2. Database management for licence renewal.
3. Collect licence fees and associated payments.
4. Compose and send quarterly instalment notices.
5. Record and track unpaid invoices.
6. Compose and send late payment instalment notices for un-paid quarterly instalments.
7. Draft and issue notices to fishers.
8. 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 licence renewal forms, application for licence transfers, boat changes, gear enquiries and fishing regulations.
9. Regularly update information about licence holders.
10. Research and prepare documents for public record.
11. Liaise with government stakeholders to verify the credentials of fishers.
12. Liaise with PIRSA Fisheries & Aquaculture, SARFI Aquatic Sciences, Crown Solicitors and other state and local agencies on matters relevant to the fishery.

13. Draft and update licence conditions over the duration of the licensing year as determined by the Deputy Chief Executive, Fisheries and Aquaculture and the Director, Fisheries and Aquaculture Policy.
14. Provide information to licence holders relating to the requirements pursuant to licence administration.
15. Manage calls from fishers regarding late payment notices, fees and general enquiries about their licences.
16. Provide support regarding an increased frequency of last minute administrative enquiries from fishers. e.g., master changes and quota transfers, as well as provide advice and support to fishers on licence information, to complete the required forms.

## Services to support fisheries management:

1. Participate in inter and intra departmental meetings and workshops on issues relevant to the fishing industry.
2. Liaise with relevant staff within PIRSA Aquaculture and Fisheries in implementing decisions relevant to the fishery.
3. Interrogate the PIIMS database to extract information for other stakeholders to use in preparing reports.
4. Prepare reports requested by internal and external customers including maintenance of a public register of licence holders.
5. Liaise with information technology providers to maintain PIIMS and administer licensing requests.

## 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.

Strategy/Activities	Days	FTE	Cost (\$)
Leasing and Licensing	30	0.15	21,690
<b>TOTALS</b>	<b>30</b>	<b>0.15</b>	<b>21,690</b>

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

# Directorate Program

CHARTER BOAT FISHERY

FOR THE YEAR ENDING AT 30 JUNE 2018

All enquiries

**Program Manager**

Chiara Ciui, Business Manager

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## Program Summary

Business Strategy, within Directorate of PIRSA Fisheries & 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 & Aquaculture Business Strategy Unit.

## PROGRAM STRATEGIES AND SUPPORTING ACTIONS & INITIATIVES

### Anticipated Outcomes

1. Coordinate and facilitate cost recovery processes and program agreements, including liaising with program providers, managers and financial services as required.
2. Attend meetings relating to cost recovery, licence setting and related policy issues.
3. Develop and review cost recovery policy, processes and program agreements.
4. Manage major service providers' contractual agreements, and co-management services contractual agreements with industry associations
5. 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.
6. Provide advice on procurement and invoicing requirements.
7. Consult with the Deputy Chief Executive, Director Fisheries and Aquaculture Policy, Director Operations, PIRSA fisheries managers, and the Office of the Minister and other parties as needed.
8. Ongoing review, development and documentation of the cost recovery model, framework, processes and roles.
9. Meet agreed timeframes on management and administration of external contractual services.
10. Appropriate management of industry funds and services.

### 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.

Strategy/Activities	Days	FTE	Cost (\$)
Directorate	3	0.02	2,712
<b>TOTALS</b>	<b>3</b>	<b>0.02</b>	<b>2,712</b>

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

# Fisheries Compliance Operations Program

CHARTER BOAT FISHERY

FOR THE YEAR ENDING AT 30 JUNE 2018

## All enquiries

### Program Manager

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## Compliance 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 outputs of the Charter Compliance Plan are primarily delivered by teams located in Yorketown, Moonta, Kingscote, Largs North and the Offshore Patrol Vessel. Support is also provided as required from the other Regional Operation teams and the Intelligence and Strategic Support team.

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, enforce the rules and regulations and reducing overall compliance risks to resource sustainability.

A diagrammatic representation of the PIRSA compliance model is shown as a Program Logic Model (Appendix 1). This identifies the high level relationships and intended causal links between fisheries compliance inputs, outputs and intended program outcomes.

The elements of the compliance Program Logic Model are also linked to a new assessment tool (Maturity Model) that was developed during National Fisheries Compliance Committee (NFCC) workshops. The Maturity Model allows a weight of evidence approach to assess the efficacy of the compliance outputs and the outcomes achieved. This is designed to support decisions that achieve a shared view between Charter industry and PIRSA and the existence of a mature sustainable fishery.

## Compliance Inputs

Compliance inputs are the resources and constraints that frame the delivery of the compliance outputs or activities. This covers policies, legislative and regulatory frameworks, program funding, human resourcing, information technology systems and research. The compliance inputs for the Charter Boat Fishery are identified herein.

## Legislative and Regulatory Framework

*Fisheries Management Act 2007*

*Fisheries Management (Charter Boat Fishery) Regulations 2006*

*Fisheries Management (Fish Processors) Regulations 2007*

*Fisheries Management (General) Regulations 2007 Schedule 2*

*Fisheries Management (Demerit Points) Regulations 2009*

Charter Fishery Management Plan

## Program Effort, Funding & 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 has continually reviewed the Charter fishery compliance program, gaining efficiencies through intelligence driven and targeted operations and re-directing compliance effort where necessary to address current and emerging issues and risks.

It should be noted that for the year ending 30 June 2016, PIRSA expended an additional 38 days of effort (~\$46k) above the cost recovered program and a further 1,658 days to recreational compliance. 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 2017/18.

Table 1: Charter Effort Allocation Against Compliance Outputs

Compliance Outputs	Days	FTE	Cost (\$)
Education Awareness	10	0.05	12,240
Effective Deterrence, Monitoring & Surveillance	35	0.18	44,064
Enforcement	15	0.07	17,136
<b>TOTAL OFFICER DAYS</b>	<b>60</b>	<b>0.30</b>	<b>73,440</b>
<b>Offshore Patrol Vessel</b>	<b>8</b>		<b>58,152</b>

*Please Note; to comply with Work Health & 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 & 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

## Compliance 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 suspensions

## 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 Compliance Outcomes

PIRSA will assess the efficacy of the compliance program by evaluating particular outcomes. The outcomes will be in the form of stakeholder awareness, behavior and impact. The evaluation in the form of a maturity model will be used to establish an order of magnitude to 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 and 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, 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 behavior 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 behavior

- 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 behavior 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

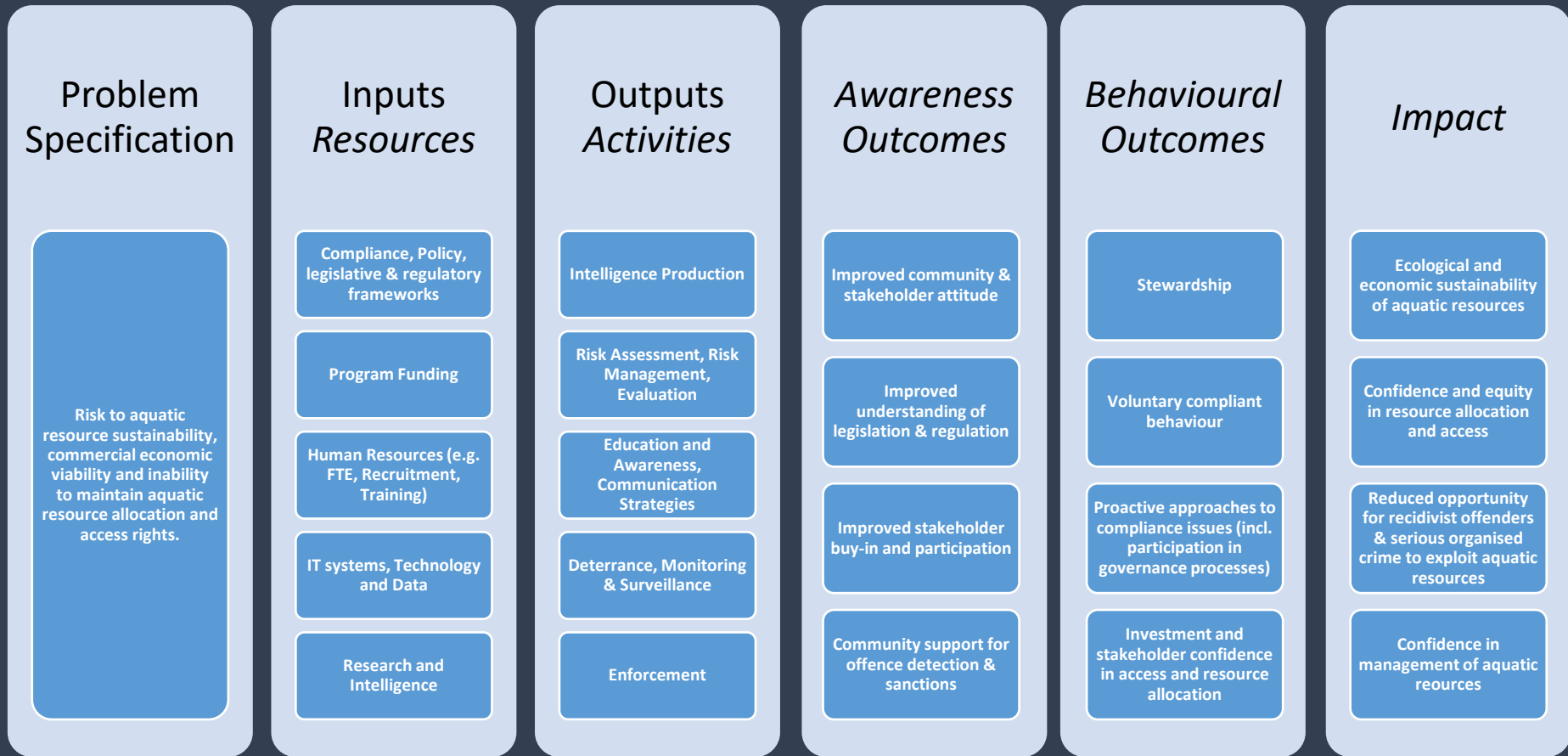
- Regulators, law enforcement and industry have closed opportunities for Serious Organised Crime to participate in the Charter Boat Fishery.
- Industry has not had any impact resulting from Serious Organised Crime activities for a significant period of time.

### 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.



## Appendix 1: PIRSA Fisheries and Aquaculture Compliance Program Logic Model Ecologically Sustainable Development (ESD) and Risk Management Framework



# Stock Assessment and Monitoring Program

CHARTER BOAT FISHERY

FOR THE YEAR ENDING AT 30 JUNE 2018

## All enquiries

### Client Contact Details

Sean Sloan,  
Director PIRSA Fisheries & Aquaculture  
Telephone: 8429 0111    Email: [Sean.sloan@sa.gov.au](mailto:Sean.sloan@sa.gov.au)

### Principal Investigator

Prof Gavin Begg  
Research Chief, SARDI Aquatic Sciences  
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# SCHEDULE 1 - PROJECT SCOPE

## 1. PROJECT DETAIL

**1.1 Title** South Australian Charter Boat Fishery

### 1.2 Client Contact Details

Name: PIRSA FISHERIES AND AQUACULTURE  
Address: GPO Box 1625, Adelaide, SA 5001  
Attention: Sean Sloan  
Email: [Sean.Sloan@sa.gov.au](mailto:Sean.Sloan@sa.gov.au)  
Telephone: 8429 0111  
Facsimile: 8226 0434

### 1.3 SARDI Contact Details

Name: Prof Gavin Begg  
Position: Research Chief  
Address: SARDI Aquatic Sciences  
Email: [Gavin.Begg@sa.gov.au](mailto:Gavin.Begg@sa.gov.au)  
Telephone: 8207 5401  
Facsimile: 8207 5406

### 1.4 Subcontractor/Collaborator

Not Applicable

### 1.5 Timeframe

Commencement Date: 1 July 2016  
Completion Date: 30 June 2019

### 1.5 Summary

This is the first three-year research program scope (2016/17–2018/19) for reporting on the South Australian Charter Boat Fishery.

The Charter Boat Fishery commenced operation on 01/08/2005. SARDI Aquatic Sciences has been designated the responsibility 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 data summary report in October 2016 and October 2017, and a comprehensive report in May 2019.

## 2. PROJECT DESCRIPTION

### 2.1 BACKGROUND

The SA Charter Boat Fishery was established in 2005. Since establishment, SARDI have designed a logbook program and deliver status and tri-ennial comprehensive reports for PIRSA Fisheries and Aquaculture. This is consistent with the *Fisheries Management (Charter Boat Fishery) Regulations 2016* and supports the *Management Plan for the South Australian Charter Boat Fishery*.

### 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 Plan 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 status report on Charter Boat Fishery operations.
- 2.3.3 Respond to *ad-hoc* queries as required.

### 2.4 METHODS

- Collect and collate Charter Boat Fishery log book returns.
- Follow up on incomplete and not received returns.
- Enter and validate data following quality assurance processes.

## 3. DELIVERABLES

**3.1 Service Provided:** Collect, process, collate, enter, and report on the catch and effort information associated with the fishery.

**3.2 Outcomes:** Information is entered in a timely manner which facilitates the management and research of the fishery, and assists fisheries managers and research scientist in the decision making process.

### 3.3 Outputs and Extension:

Confidential and non-confidential catch and effort status reports are to be delivered to PIRSA Fisheries and Aquaculture in October 2016 and October 2017. A comprehensive report is due in May 2019.

#### 4. FUNDING ARRANGEMENTS

##### 4.1 PROJECT COSTING POLICY

##### 4.2 PROJECT COST

PROJECT COST	TOTAL FUNDED	TOTAL IN KIND	TOTAL PROJECT COST
SUBTOTAL	\$202,544	\$17,737	\$220,281
GST	NO GST	NO GST	NO GST
TOTAL	\$202,544	\$17,737	\$220,281

##### 4.3 MILESTONE AND PAYMENT SCHEDULE

Date	Milestone	Payment (\$) Ex GST
31 October 2016	Data summary – SA Charter Boat fishery	
31 December 2016	First Half Payment 2016/17 SLA	\$32,686
31 May 2017	Second Half Payment 2016/17 SLA	\$32,687
31 October 2017	Data summary – SA Charter Boat fishery	
31 December 2017	First Half Payment 2017/18 SLA	\$33,821
31 May 2018	Second Half Payment 2017/18 SLA	\$33,822
31 December 2018	First Half Payment 2018/19 SLA	\$34,764
31 May 2019	Second Half Payment 2018/19 SLA	\$34,764
31 May 2019	Report – SA Charter Boat fishery	
<b>SUBTOTAL</b>		<b>\$202,544</b>
<b>GST</b>		<b>NO GST</b>
<b>TOTAL FUNDED</b>		<b>\$202,544</b>

#### 5. PROJECT STAFF

Staff	FTE 2016/17	FTE 2017/18	FTE 2018/19
Research Scientist	0.15	0.15	0.15
<b>TOTAL</b>	<b>0.15</b>	<b>0.15</b>	<b>0.15</b>

## SCHEDULE 2 - RESEARCH PROJECT COSTING

### 1. PROJECT COST SUMMARY

Cost	Detail	2016/17 Total (\$) Ex GST	2017/18 Total (\$) Ex GST	2018/19 Total (\$) Ex GST
Salaries (FTE)		0.15	0.15	0.15
Salaries (\$)		20,703	21,749	22,378
<b>Operating</b>				
Logbook program		33,323	34,320	35,348
Payment to industry for surveys				
Fieldwork				
Laboratory				
Travel		200	200	200
Office & communication		1,500	1,500	1,500
Capital equipment				
SARDI overhead		9,648	9,874	10,103
SARDI inkind		5,767	5,911	6,059
<b>Total Cost</b>		<b>71,140</b>	<b>73,554</b>	<b>75,587</b>
<b>Revenue – PRICE</b>				
PIRSA F&A	92%	65,373	67,643	69,528
<b>Total Revenue</b>				
<b>SARDI Investment</b>	8%	5,767	5,911	6,059

#### Breakdown explanations:

##### *Logbook Program*

Entry, validation, management and reporting of 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<sup>7</sup>

##### *Office and communication*

Stationery, communications and publications

##### *Capital equipment*