



# **Annual Report on PIRSA's Service Delivery on the Cost Recovery Agreement for the Pipi Fishery and Net Sector (Lakes and Coorong)**

2019-20

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## **All Enquiries**

Business Manager, Fisheries and Aquaculture  
Primary Industries and Regions (PIRSA)  
2 Hamra Avenue, West Beach SA  
GPO Box 1625, Adelaide SA 5001  
T 08 8207 5333  
E [chiara.ciui@sa.gov.au](mailto:chiara.ciui@sa.gov.au)

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# Summary of Outcomes for 2019-20

## Assessment and Research

Funding Source	Deliverables	Date Completed/ Delivered
SLA	Undertook survey of Pipi pre-recruits (1 of 2) across 60 km fishing ground.	October 2019
SLA	Undertook fishery-independent survey (1 of 3) of relative biomass and size structures of Pipi.	November 2019
SLA	Undertook sampling of size structures of Pipi across 60 km fishing ground.	January 2020
SLA	Undertook fishery-independent survey (2 of 3) of relative biomass and size structures of Pipi.	February 2020
SLA	Undertook commercial catch sampling for Mulloway at the SAFCOL fish market for development of size and age structures.	March 2020
SLA	Obtained and analysed Coorong Hydrodynamic Model outputs and water level data for the Lower Lakes, and provided annual estimates of the environmental performance indicators used in the finfish harvest strategy.	March 2020
SLA	Undertook fishery-independent survey (3 of 3) of relative biomass and size structures of Pipi.	May 2020
SLA	Delivered advice note providing estimates of performance indicators (relative harvestable biomass and pre-recruit presence/absence) of Pipi to PIRSA and the Lakes and Coorong Fishery Management Advisory Committee (LCFMAC).	May 2020
SLA	Delivered fishery assessment report, including: (1) stock assessment for Mulloway; (2) assessments of stock status for six other species; and (3) estimates of the performance indicators used in the harvest strategy for finfish.	May 2020
SLA	Provided presentations on the fishery assessment report to PIRSA, Lakes and Coorong Consultative Committee (LCCC) and LCFMAC.	May 2020
SLA	Undertook survey of Pipi pre-recruits (2 of 2) across 60 km fishing ground.	June 2020
SLA	Collected, collated and stored all key commercial fishery information necessary to assess the fisheries and to inform the harvest strategies for Pipi and finfish.	Ongoing
SLA	Provided scientific advice on the Pipi and finfish resources at quarterly meetings of the Lakes and Coorong Fishery Management Advisory Committee.	Ongoing
SLA	Maintained regular email and phone communication with key industry representatives.	Ongoing
PIRSA	Worked with PIRSA, industry and SA/interstate stakeholders to develop an FRDC pre-proposal for a	February 2020

	national workshop on strategic directions for research and management of Piri.	
PIRSA	<p>Provided an advice note to PIRSA Fisheries and Aquaculture on quota carry-over of Piri, which also included:</p> <ul style="list-style-type: none"> <li>• Verbal advice to PIRSA;</li> <li>• Meeting with PIRSA/industry.</li> </ul>	March 2020
PIRSA	Provided significant scientific support to develop revised harvest strategies for Piri and finfish. Responded to multiple queries on harvest strategy details and testing.	Ongoing
PIRSA	Provided advice to the Lakes and Coorong Management Plan Review Committee, with respect to development of the new Management Plan and revised harvest strategies for Piri and Finfish (e.g. meetings 26 September 2019; 7 November 2019; 27 February 2020; 28 May 2020).	Ongoing
PIRSA	Attended 'out-of-session' meetings of the Lakes and Coorong Harvest Strategy Review Committee to develop the new harvest strategy for Piri (e.g. 27 February 2020, 18 May 2020).	Ongoing
FRDC	Provided a presentation on the progress of FRDC Project 2018-036 to the Long-nosed Fur Seal Working Group Meeting 17.	August 2019
FRDC/PIRSA	Met with FRDC and industry to discuss potential projects for Piri.	November 2019
FRDC	Delivered a milestone report for FRDC Project 2018-036: <i>Seal-fisher-ecosystem interactions in the Lower Lakes and Coorong: understanding causes and impacts to develop longer-term solutions.</i>	February 2020
FRDC	Attended meetings of the steering committee for FRDC Project 2018-036: <i>Seal-fisher-ecosystem interactions in the Lower Lakes and Coorong: understanding causes and impacts to develop longer-term solutions.</i>	June 2020

# Policy and Management Program

	Deliverables
1.	<p>Participated in inter- and intra-departmental meetings and workshops on issues relevant to Lakes and Coorong fisheries management.</p> <ul style="list-style-type: none"> <li>Participated in meetings within PIRSA and with DEW to discuss issues relevant to the management of the Lakes and Coorong Fishery <ul style="list-style-type: none"> <li>Working Group: Long-nosed Fur Seals in the Coorong and Lower Lakes</li> </ul> </li> </ul>
2.	<p>Liaised with the PIRSA Fisheries and Aquaculture Division, with SARDI, other parts of PIRSA and other State and Commonwealth agencies on matters relevant to fisheries management including the following key issues:</p> <ul style="list-style-type: none"> <li>The impact of Long-nose Fur Seals</li> <li>Implementing a 72 hour maximum net soak time in the Lakes and Coorong Fishery</li> <li>Water management to maintain the health of the Lakes and Coorong</li> <li>Carp management within the Lakes and Coorong</li> <li>The current 'depleted' status of Black Bream and Greenback Flounder</li> <li>Implementation of fishery management changes that can provide greater certainty and confidence for licence holders</li> <li>Electronic reporting for the Pipi sector</li> <li>Impact of COVID-19</li> <li>Review of the Management Plan for the South Australian Commercial Lakes and Coorong Fishery</li> </ul>
3.	<p>Liaised with PIRSA, with other government agencies and with industry representatives in implementing decisions and answering queries relevant to Lakes and Coorong Fisheries management.</p> <ul style="list-style-type: none"> <li>Participated in 2 Lakes and Coorong Fishery Management Advisory Committee meetings</li> <li>Participated in 2 Lakes and Coorong Consultative Committee meetings</li> <li>Participated in 3 Lakes and Coorong Management Plan Working Group meetings</li> <li>Participated in 3 Lakes and Coorong Harvest Strategy Working Group meetings</li> <li>Participated in 2 working group meetings: Long-nosed Fur Seals in the Coorong and Lower Lakes</li> <li>Regular communication with industry members, Southern Fishermen's Association (SFA) Executive Officer and Goolwa Pipi Harvesters Association Chair</li> </ul>
4.	<p>Conducted regular assessment or review of existing management arrangements for the Lakes and Coorong Fishery including analysis of statistical information on fisheries and interactions with threatened, endangered and protected species:</p>

	<ul style="list-style-type: none"> <li>Reviewed draft Economic Indicators Report for the South Australian Lakes and Coorong Fishery 2018/19</li> <li>Reviewed draft statistical report for the Lakes and Coorong Fishery</li> <li>Reviewed Harvest Strategy for both finfish and Pigi sectors</li> <li>Reviewed 'Assessment of the South Australian Lakes and Coorong Fishery in 2018/19' report</li> <li>Participated in the review process of the Management Plan for the South Australian Commercial Lakes and Coorong Fishery</li> </ul>
5.	<p>Coordinated consultation and developed recommendations for the Minister's consideration with fishery stakeholders through established co-management processes by undertaking the following:</p> <ul style="list-style-type: none"> <li>Met with industry representatives and SARDI through the Lakes and Coorong Management Advisory Committee in providing advice about: <ul style="list-style-type: none"> <li>Setting total allowable commercial catch (TACC) and total allowable commercial effort (TACE) for Pigi and finfish sectors of the Lakes and Coorong Fishery for 2020/21.</li> <li>Coordinating legislative amendments to allow for carry-over of uncaught Pigi quota from 2019/20 quota period to 2020/21 and 2021/22 quota period.</li> <li>Amendments to licence conditions setting a maximum net soak time of 72 hours for the finfish sector.</li> <li>Management arrangements for Black Bream for 2019.</li> <li>The development of Miscellaneous Research Fishery Permit to undertake research project to help determine the impact of temperature on Pigi Catch per Unit Effort (CPUE).</li> </ul> </li> </ul>
6.	<p>Participated in ongoing industry liaison in the field and on vessels to strengthen fishery management knowledge and understanding, and develop rapport with licence holders and divers.</p>
7.	<p>Participated in industry development initiatives related to Lakes and Coorong Fishery management:</p> <ul style="list-style-type: none"> <li>Industry involvement in collecting seal interaction data to inform Fisheries Research and Development Corporation (FRDC) project to investigate the diet and spatial distribution of foraging and consumption effort of Long-nose Fur Seals relative to important finfish aquaculture and commercial and recreational fishing areas in South Australia, including the Coorong region.</li> <li>Review of harvest strategies to provide a more stable TACC for the Pigi fishery to account for secondary biological indicators in the finfish sector, which are likely to assist industry in re-applying for Marine Stewardship Council (MSC) certification for Mulloway and Yellow-eye Mullet.</li> </ul>

	<ul style="list-style-type: none"> <li>Miscellaneous Research Fishery Permit to undertake research project to help determine the impact of temperature on Papi Catch per Unit Effort (CPUE).</li> </ul>
8.	Responded to enquires from industry and other stakeholders on issues related to the Lakes and Coorong Fishery.
9.	<p>Provided advice to the Minister and his delegate in relation to the management of Lakes and Coorong Fishery and Ministerial correspondence on:</p> <ul style="list-style-type: none"> <li>The recommended 2020/21 TACC for Papi.</li> <li>The recommended 2020/21 TACE for finfish sector.</li> <li>The recommended spatial separation of Papi commercial and recreational fishers for 2020/21.</li> <li>The recommended licence condition amendments relating to maximum net soak time.</li> <li>Black Bream management arrangements for 2019.</li> <li>Impacts of COVID-19 on the fishery.</li> <li>Impacts of Long-nose Fur Seals on the fishery.</li> <li>Carry-over of uncaught quota from the 2019/20 quota period.</li> <li>Miscellaneous Research Fishery Permits related to research project to help determine the impact of temperature on Papi Catch per Unit Effort (CPUE).</li> <li>Ministerial exemption notice to allow winter fishing of Papi as part of the research project to help determine the impact of temperature on Papi Catch per Unit Effort (CPUE).</li> </ul>
10.	<p>Communicated on fisheries management issues to key stakeholder groups and the broader community.</p> <ul style="list-style-type: none"> <li>Provided Notice to Fishers in regards to: <ul style="list-style-type: none"> <li>management arrangements for Black Bream for 2019</li> <li>amendments to licence condition of a 72 hour maximum net soak time in the Lakes and Coorong Fishery</li> <li>spatial separation of Papi commercial and recreational fishers for 2020/21</li> </ul> </li> <li>Letters to Lakes and Coorong Fishery licence holders in regards to the deferral of fees for six months to January 2021 due to the impacts of COVID-19</li> <li>Distributed stock assessment and stock status reports to LCFMAC and industry associations</li> <li>Corresponded with the LCFMAC, with the Managing Director Goolwa Papi Co and the Executive Officer Southern Fishermen's Association on fisheries management issues relating to the Lakes and Coorong Fishery</li> <li>Responded to enquires from other stakeholders and community members regarding fisheries management issues relevant to the Lakes and Coorong Fishery</li> </ul>
11.	<p>To recommend regulatory amendment to provide for the carry-over of Papi quota as a result of COVID-19 the following was undertaken:</p> <ul style="list-style-type: none"> <li>Liaised with fishery licence holders</li> <li>Reviewed fishery management arrangements</li> </ul>



	<ul style="list-style-type: none"> <li>• Reviewed quota period catch and effort information</li> <li>• Sought advice from SARDI to inform risk to sustainability</li> <li>• Liaised within the PIRSA Fisheries and Aquaculture Division to ensure accurate statutory interpretation</li> <li>• Provided advice to the Minister on amending the <i>Fisheries Management (Lakes and Coorong) Regulations 2009</i>.</li> </ul>
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# Legislation Program

	Deliverables
1.	Co-ordinated the introduction, amendment or revocation of fisheries legislation in line with fisheries management/policy decisions i.e. Act or regulation amendments, the introduction of new regulations and drafting of other legislative and administrative instruments such as delegation, ministerial permit or exemption instruments as required under the <i>Fisheries Management Act 2007</i> (the Act). New variation regulations or amendments required the drafting of Cabinet submissions and supporting documentation, including the preparation of drafting instructions, for consideration by Cabinet. This service included 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. Arrangements for electronic transactions / fees for commercial fisheries in Simplify Day 2018/19 Bill supporting correspondence briefings and ministerial documentation. Fees amendment cabinet submissions, settling of variation regulations, supporting briefings, minutes and parliamentary reports.
2.	Input into policy documentation and arrangements and responses to industry correspondence, as necessary.
3.	Coordinated applications for Ministerial exemptions under Part 10 and Permits under Part 7 of the Act.
4.	Provided additional legal services to support, on an as needs basis, the lawful decision-making of 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 the fishery in any particular year (where required); review & coordinate crown input into co-management contract.

# Leasing and Licensing Program

	Deliverables
1.	<p>Issued annual fee invoicing packs for 36 licences:</p> <ul style="list-style-type: none"> <li>• Reported licence and quota unit information for cost recovery to assist in calculating new financial year annual fees</li> <li>• Entered new rates into the Primary Industries Information Management System (PIIMS)</li> <li>• Prepared Notice to Fishers for annual fee invoicing pack</li> <li>• Generated and audited invoices to ensure correct annual fee amount was raised</li> <li>• Issued invoices and SMS reminders each quarter</li> <li>• Generated 12 monthly debtor's reports to reconcile annual fee payments.</li> </ul>
2.	<p>Set up of the new Total Allowable Commercial Catch (TACC) into PIIMS for the new quota season:</p> <ul style="list-style-type: none"> <li>• Printed and posted 14 updated registrations and entitlements certificates to all licence holders.</li> </ul>
3.	<p>Generated final quota balance statements and posted to all 14 licence holders:</p> <ul style="list-style-type: none"> <li>• Calculated any quota adjustments required to be entered into PIIMS. <ul style="list-style-type: none"> <li>○ 5 entitlement over-catch adjustments made.</li> <li>○ Generated and posted updated registration and entitlements certificates.</li> </ul> </li> </ul>
4.	<p>Data entry of 341 paper CDRs and electronic monitoring of 357 CDRs submitted via eCatch:</p> <ul style="list-style-type: none"> <li>• Data entry check of each CDR entered.</li> <li>• Manual filing and archiving of all 341 CDR documents.</li> </ul>
5.	Issuing of bin tags in PIIMS to licence holders on 29 occasions requiring packaging for posting.
6.	Issuing of 4 CDR books into PIIMS and packing and posting to licence holders.
7.	Generated 12 monthly quota status reports for industry on catch status and CDRs received.
8.	<p>System maintenance including auditing user access and system testing after any system update:</p> <ul style="list-style-type: none"> <li>• 139 quota balance statements requested via the online system.</li> </ul>
9.	Regularly provided copies of CDR documentation to compliance for quota audit checks.
10.	<p>Processed 20 applications which included liaising with government stakeholders to verify the credentials of fishers as below:</p> <ul style="list-style-type: none"> <li>• 2 vary boat applications</li> </ul>

	<ul style="list-style-type: none"> <li>• 2 licence transfer applications</li> <li>• 2 vary master applications</li> <li>• 12 quota transfer applications</li> <li>• 2 third party interest applications</li> </ul>
11.	Provided support via phone or email to any requests from licence holders.
12.	Regular filing and archiving of licensing and quota documentation.

# Directorate Program

	Deliverables
1.	Reconciled and prepared financial documentation to ensure accuracy.
2.	Worked with SARDI to prepare project scopes before and after cost recovery meetings with industry.
3.	Developed and prepared draft cost recovery implementation statements and annual reports for industry.
4.	Coordinated cost recovery meetings with industry to discuss cost recovery programs for the following financial year, including agenda preparation, drafting of minutes and liaising with industry executive officer to finalise minutes and cost recovery implementation statement.
5.	Prepared standard goods and services agreement to engage contractors (i.e. delivery of Economic Assessment – BDO Advisory (SA) Pty Ltd., engagement of independent scientist as required, co-management services agreements, etc.).
6.	Followed up action items from cost recovery meetings, responding to cost recovery related correspondence.
7.	Published cost recovery documentation and reports on PIRSA's web site.
8.	Prepared a Cabinet submission and relevant documentation for the Minister to be briefed on the cost recovery process. Liaised with Parliamentary Council to prepare fee regulations for commercial licence fees.
9.	Ongoing review of PIRSA's cost recovery policy, costing models and processes to achieve continuous improvement and transparency.

# Compliance Program

	Deliverables
	<p>The coordination of compliance outputs is guided by industry specific compliance plans for the Net (finfish) sector and the Pipi sector, which were initially developed in consultation with the Lakes and Coorong Fishery (L&amp;CF) industry and are reviewed annually.</p> <p>The plan ensures compliance effort is intelligence driven, efficient, cost effective and outcome focused. The plan comprises three core outputs (Education and Awareness, Effective Deterrence and Enforcement) and is optimised towards increasing voluntary compliance and maximising effective deterrence.</p> <p>Analysis of intelligence and information holdings is regularly conducted to identify the major Compliance risks to the sustainability of the Fishery. The combination of strategies, actions, and initiatives are critical to focus the primary compliance effort to manage the risks and achieve targeted outcomes.</p> <p>The Lakes and Coorong Fishery (L&amp;CF) Compliance Reports are produced annually and forwarded to the Executive Officer, Southern Fisherman's Association. (SFA)</p>



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