PIRSA FISHERIES & AQUACULTURE

COST RECOVERY PROGRAM

2013-14

ROCK LOBSTER FISHERY

SOUTHERN ZONE
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</table>
## SUMMARY TABLE SOUTHERN ZONE ROCK LOBSTER FISHERY

<table>
<thead>
<tr>
<th>2012-13 $</th>
<th>2013/14 $</th>
<th>COMMENTS</th>
<th>DAYS</th>
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<tr>
<td><strong>ASSESSMENT COSTS</strong></td>
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<tr>
<td>764,794</td>
<td>Stock Assessment and Monitoring</td>
<td>775,672</td>
<td>As per SARDI scoping document</td>
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<tr>
<td>16,168</td>
<td>Economic Assessment</td>
<td>16,653</td>
<td>As per Economic research contract</td>
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<tr>
<td>5,263</td>
<td>TEPS</td>
<td>5,263</td>
<td>Contribution to Threatened &amp; Endangered Species</td>
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<td><strong>PIRSA RELATED COSTS</strong></td>
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<tr>
<td>78,259</td>
<td>Policy and management</td>
<td>78,274</td>
<td>Same Level of Service as previous year</td>
</tr>
<tr>
<td>12,972</td>
<td>Legislation</td>
<td>12,571</td>
<td>Same Level of Service as previous year</td>
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<tr>
<td>56,993</td>
<td>Licensing</td>
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<td>27,140</td>
<td>Directorate</td>
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<td>Same Level of Service as previous year</td>
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<tr>
<td>1,303,725</td>
<td>Compliance</td>
<td>1,336,499</td>
<td>Scope of work is to address the compliance risk profile</td>
</tr>
<tr>
<td>115,695</td>
<td>Quota Monitoring</td>
<td>120,887</td>
<td>Same Level of Service as previous year</td>
</tr>
<tr>
<td><strong>OTHER COSTS</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>20,000</td>
<td>E-Quota Monitoring</td>
<td>0</td>
<td>Not required for 2013-14 as there are sufficient funds currently in the fund.</td>
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<tr>
<td>70,160</td>
<td>E-Quota Monitoring System Operating</td>
<td>57,000</td>
<td>Operating budget for management of electronic scales.</td>
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<tr>
<td>315,926</td>
<td>FRDC</td>
<td>345,709</td>
<td>Funding based on 0.25% of rolling three year average GVP; plus in principle agreement to collect for additional SZRL contribution of $130,000 from for FRDC market research (ends 2014); and $35K for additional FRDC projects (ending 2014/15).</td>
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<tr>
<td>0</td>
<td>Co-Management Services</td>
<td>20,000</td>
<td>Previously Consultative and Strategic Planning Services. No Co-Management Services for 2013/14. $20K for Rock Lobster Management Advisory Committee.</td>
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<tr>
<td>0</td>
<td>Adjustments</td>
<td>0</td>
<td>No adjustments</td>
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<tr>
<td>2,787,095</td>
<td>TOTAL</td>
<td>2,853,313</td>
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### Licence Fees

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<thead>
<tr>
<th>2013/14</th>
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<tbody>
<tr>
<td>Base Fee</td>
<td>5,049</td>
</tr>
<tr>
<td>Quota Unit Fee</td>
<td>162.65</td>
</tr>
<tr>
<td>Giant Crab Quota Fee</td>
<td>19.65</td>
</tr>
<tr>
<td>By-Catch Fee</td>
<td>11.55</td>
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</table>

<table>
<thead>
<tr>
<th>Licence Fees</th>
<th>2012/13</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Base Fee</td>
<td>4,945</td>
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<tr>
<td>Quota Unit Fee</td>
<td>159</td>
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<tr>
<td>Giant Crab Quota Fee</td>
<td>19.45</td>
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<tr>
<td>By-Catch Fee</td>
<td>11.40</td>
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</tr>
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</table>

Cost Recovery Program 2013-14 – Rock Lobster Fishery – Southern Zone 
Page 3 of 19
INTRODUCTION

In October 2010, the Fisheries and Aquaculture Divisions of Primary Industries and Regions South Australia (PIRSA) were combined into a single administrative division known as PIRSA Fisheries & Aquaculture.

The decision to amalgamate the Fisheries and Aquaculture Divisions is a forward step in the Government’s positioning of itself to not only fulfil its management and regulatory responsibilities, but also address the future needs and projected growth of the seafood industry.

Wild catch commercial fisheries in South Australia will continue to be managed in accordance with the previously established cost recovery policy. This policy requires commercial fishery licence fees to fund 100% of commercial fisheries management costs. PIRSA Fisheries & Aquaculture will continue to manage the process of consulting with service providers and relevant industry associations to establish fishery based management programs which will form the basis of licence fees for the upcoming licensing year.

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

- Assessment and Monitoring 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 for discussions to assist in the establishment of appropriate research, policy, compliance and support services to manage a fishery.
### Management Objectives 2013/14

<table>
<thead>
<tr>
<th>Long Term Objectives</th>
<th>Outcomes 2012/13 to 2015/16</th>
<th>Fishery Policy and Management</th>
<th>Compliance</th>
<th>Assessment and Research</th>
<th>Systems &amp; Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ensure the Rock Lobster resource is harvested sustainably</td>
<td>Maintain Stock above sustainable levels Ensure sufficient data and information is available to undertake harvest strategy Maximise catches within ecologically sustainable limits Maintain Integrity in quota system</td>
<td>Implement new management plan Implement harvest strategy under new management plan</td>
<td>Implement compliance program, informed by risk assessment Identify and take action against late logbook returns.</td>
<td>Stock Assessment and monitoring to underpin stock status and stock assessment reports Provide scientific advice to inform decision-making process of new harvest strategy Conduct puerulus monitoring program Undertake fishery-independent monitoring survey</td>
<td>Provide ongoing support for licensing, quota and transfer queries</td>
</tr>
<tr>
<td>Optimum economic utilisation and equitable distribution of the Rock Lobster resource</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Provide licensing advice in the development of electronic reporting</td>
</tr>
<tr>
<td>Minimise impacts on the ecosystem</td>
<td>SEWPaC reassessment</td>
<td>Prepare SEWPaC reassessment report Address SEWPaC conditions and recommendations</td>
<td></td>
<td>Monitor TEPS interactions through logbooks</td>
<td></td>
</tr>
<tr>
<td>Cost effective and participative management of the fishery</td>
<td>Support co-management of the fishery Develop electronic catch and effort reporting if appropriate</td>
<td>Support the RLMAC. Participate in the RLMAC Provide management advice, where necessary, throughout the licensing year Provide management advice in the development of electronic reporting</td>
<td>Refer to Risk Assessment for Compliance Provide compliance advice in the development of electronic reporting</td>
<td>Participate in the RLMAC as an observer Provide scientific advice in the development of electronic reporting</td>
<td>Provide licensing advice in the development of electronic reporting</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Provide technical advice on implementation of electronic reporting</td>
<td></td>
</tr>
</tbody>
</table>
PROGRAM: FISHERIES POLICY AND MANAGEMENT

BRIEF DESCRIPTION OF FUNCTION
The Fisheries Policy and Management Unit of PIRSA Fisheries & Aquaculture undertakes activities such as day-to-day management, long-term planning and strategic 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 Executive Director on matters relating to fisheries.
- Represent the Executive Director 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.
- Provide support and advice on fisheries management issues to the Fisheries Council of South Australia.
- Progress Australian Government recommendations under EPBC Act assessment.

OUTPUTS AND ACTIVITIES
Day-to-day fisheries management includes:

- Participation in inter and intra-departmental meetings and workshops on issues relevant to fisheries management.
- Liaison 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.
- Liaison within PIRSA, with other government agencies and with industry representatives in implementing decisions relevant to fisheries management.
- Conducting 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.
- Coordinating consultation with fishery stakeholders through established co-management processes.
- Participation in industry liaison in the field and on vessels to strengthen fishery management knowledge and understanding, and develop rapport with licence holders.
- Participation in industry development initiatives related to fisheries management.
- Attending to general correspondence and enquiries relevant to fisheries.
- Provision of advice to Minister in relation to the management of fisheries and Ministerial correspondence.
- Communication of fisheries management issues to key stakeholder groups and the broader community.
Key deliverables of the Fisheries Policy and Management Unit are:

- Development and implementation of management plans for commercial and recreational fisheries, including harvest strategy development and ESD risk assessment
- Development and implementation of Aboriginal traditional fishing management plans, in accordance with Indigenous Land Use Agreements
- Day-to-day preparation of necessary legislative instruments and/or advice required for the management of fisheries (regulations, closure notices, licence conditions, Ministerial exemptions etc).
- Day-to-day provision of advice to the Minister or his/her delegate on setting total allowable commercial catch and effort levels
- Preparation of other policies to support fisheries management
- Preparation of submissions to enable regular assessment of commercial fisheries under the EPBC Act
- Preparation of annual report to the Australian Government on EPBC Act requirements for all SA fisheries
- Preparation of regular fisheries status reports
- Delivery of Fisheries Council projects
- Day-to-day development and maintenance of productive working relationships and outcomes through cooperative management and collaboration with stakeholders

**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 plans in accordance with Fisheries Council schedules and statutory consultative processes. Management plans to include harvest strategies that protect sustainability of the fishery based on ESD risk assessment processes.

Program Contact Officer:
Alice Fistr, Manager Fisheries Policy and Management Unit
08 8226 2369
Alice.Fistr@sa.gov.au
PROGRAM: LEGAL SERVICES

BRIEF DESCRIPTION OF FUNCTION

The Legislation Unit of PIRSA Fisheries & Aquaculture provides legal services to the Executive Director and the Director, Aquaculture and Fisheries and to other members of the Division on an as needs basis. Among other things these services include the provision of advice, in consultation with the Crown Solicitor's Office where necessary, regarding any legal issues involving the implementation or administration of fisheries management arrangements through existing legislative framework and licence conditions.

OUTPUTS AND ACTIVITIES

These activities include:

1. Co-ordination of the amendment of regulations, the introduction of new regulations and drafting of other legislative and administrative instruments such as delegation instruments required or permitted under the *Fisheries Management Act 2007*. New regulations or amendments involve the drafting of Cabinet submissions, including the preparation of drafting instructions, for consideration by government to provide for the necessary legislative framework to implement approved fishery management policy. This service includes co-ordinating liaison with the Office of Parliamentary Counsel and the Crown Solicitor's Office to ensure that regulations are accurately and effectively drafted.

2. Maintenance and review of licensing arrangements required to appropriately implement approved fishery management policy and measures within the limits of the *Fisheries Management Act 2007*. The service includes working with the Licensing (part of Systems and Information) to set up efficient administrative systems that are legally sound.

3. Problem solving together with the co-ordination of the provision of legal advisory services in liaison with the Crown Solicitor's office relating to the implementation and administration of the *Fisheries Management Act 2007*, Regulations and fisheries management policies, and the defence of those policies and arrangements in litigation.

4. To safeguard the ongoing sustainability of a fishery may require additional legal services in any particular year, 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 arrangements (for example, changes to licensing processes, conditions, introduction of closures).

Program Contact Officer:
Lambertus Lopez, Manager, Legal and Legislative Programs
08 8226 0266
Lambertus.Lopez@sa.gov.au
PROGRAM: LICENSING

BRIEF DESCRIPTION OF FUNCTION

The Fisheries Systems and Information Section of PIRSA Fisheries & Aquaculture is responsible for the management of Licensing, Quota Monitoring and VMS 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.

OUTPUTS AND ACTIVITIES

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.
5. Record and track unpaid renewals.
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, SARDI 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 Executive Director, 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.
6. Generate quota management reports to update stakeholders on varying Total Allowable Commercial Catch (TACC) returns and end of season quota holdings.

PERFORMANCE INDICATORS

1. Issue of licences to licence holders in an accurate and timely manner.
2. Provision of accurate and timely information related to licences.
3. Quarterly activity report as required within one month at the end of each quarter.

Program Contact Officer:
Kim Terry, Manager Leasing & Licensing
08 8204 1374
Kim.Terry@sa.gov.au
PROGRAM: DIRECTORATE

BRIEF DESCRIPTION OF FUNCTION

Business Services, 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.

OUTPUTS AND ACTIVITIES

Business Services provides support services to government as well as advice and facilitation of corporate related policy and management issues:

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’ service level agreements, in particular SARDI.
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 Executive Director, Aquaculture and Fisheries and the Director, Aquaculture and Fisheries, PIRSA fisheries managers, the Office of the Minister and other parties as needed.
8. Management of industry funds and services.

PERFORMANCE INDICATORS

1. Plan, coordinate and facilitate the cost recovery process with industry associations and program providers in a timely and efficient manner.
2. Ongoing review, development and documentation of the cost recovery model, framework, processes and roles.
3. Meet agreed timeframes on management and administration of external contractual services

Program Contact Officer:
Benn Gramola, Business Manager
08 8226 2317
Benn.Gramola@sa.gov.au
PROGRAM: FISHERIES COMPLIANCE OPERATIONS

BRIEF DESCRIPTION OF FUNCTION

The Fisheries & Aquaculture Operations Group is comprised of the Regional Operations teams, Offshore Patrol Operations and the Intelligence & Strategic Support teams. The complementary teams undertake compliance activities to educate fishers, deter opportunistic and financially motivated fishery related crimes, and enforce rules and regulations.

Each Fishery has a dedicated coordination team assigned consisting of a State Coordinator, Regional Coordinators, Policy Manager, and the SARDI Program leader for the fishery. The coordination team is also supported by timely and accurate intelligence briefings from the Intelligence & Strategic Support Team.

In consultation with the fishery industry representatives a dedicated Compliance Plan has been developed for each fishery. Each Compliance Plan is developed to ensure compliance activities with the fishery are intelligence driven, cost effective and efficient and outcome focussed. The three core strategies in order of priority (Education and Awareness, Effective Deterrence and Appropriate Enforcement) are directed at increasing voluntary compliance and maximising effective deterrence.

Following the consultation process and a detailed analysis of all intelligence and information to hand the major risks have been identified, prioritised and rated for each fishery specific plan. The resulting plan itemises a series of strategies, actions, and initiatives aimed at achieving the targeted outcomes. In addition, any other risks will be addressed outside of the planned program as the need arises. The risks and strategies to address them are constantly reviewed and assessed for relevance. Contingency plans are in place to address any immerging trend or issues where intelligence received or changes in circumstances within the fishery require attention in addition to monitoring all the rules and requirements of each fishery.

The level of effort required to deliver the compliance program in accordance with the dedicated plan is also 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

Activity, effort and outcomes are collated and reported against each of the identified fishery specific risks and strategies. The dedicated Fishery Compliance Plan for this fishery outlining each of the risks and strategies, actions and initiatives to address those risks is attached hereto.
ACTIVITIES

- Monitoring of all fishery management and quota systems for compliance
- Offence identification and response
- Operational and Investigation Planning and Surveillance
- Risk assessments, trend and threat analysis
- Master Operational Planning Process
- Legislative review for efficacy and relevance
- Prosecution system maintenance and development
- Prosecution Steering Committee coordination and assessment
- Industry liaison and education

OUTPUTS

- Delivery of Actions and Initiatives against Compliance Plan
- Educational material
- Induction & Pre-season information packages
- Intelligence driven operations and investigations
- On land and at sea inspections
- Engagement with fishers and attendance at industry meetings
- Cautions, Expiations and Prosecutions
- Intelligence briefings and target packages
- Consultative Industry initiatives and planning
- Engagement and participation in Rules & Gear Reviews
- Continued development of cost effective and efficient fishery specific compliance plans
- Quarterly or bi-annual compliance activity reports
- Annual fishery compliance outcomes and scorecard

PERFORMANCE INDICATORS

- Increased voluntary compliance
- Continued development of effective deterrence strategies
- Accurate intelligence and risk predictions
- Successful court outcomes for serious offences
- Development of efficient and cost effective compliance strategies
- Continued development of stakeholder engagement programs
- Reduced incidence of reported illegal activity
- Reduced incidence of documentation errors and inconsistencies
- Increased integrity in fishery management systems and/or quota systems
- Increased positive interactions & collaboration with stakeholders

Program Contact Officer:
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Peter.Dietman@sa.gov.au

**Fishery Management Plan Goals**

1. Ensure the Rock Lobster resource in the Southern Zone is sustainably harvested
2. Optimum economic utilisation and equitable distribution of the Rock Lobster resource in the Southern Zone
3. Minimum impacts on the ecosystem
4. Cost effective and participative management of the fishery

**Compliance risk summary:**

1. **Quota Evasion** – PIRSA Risk Rating: HIGH (Likelihood - Occasional 5, Consequence - Severe 3: Score 15)

   The Southern Zone Rock Lobster (SZRL) Quota System requires that all fish taken and subsequently sold or transferred are documented. This is documented by licensed Commercial Fishers on Catch and Disposal Records (CDR) and then by Fish Processors on Rock Lobster Sales and Transfer Forms (RLSTF).

   Quota Evasion is the process where a Commercial Fisher takes fish but does not document the fish.

   Failing to declare fish is driven by the need for increased income but the likelihood of offending can be influenced by contemporary factors such as rising input costs and positive predicted catches.

   Elements of quota evasion include:

   - Errors or omissions on Catch & Disposal Record (CDR – SZRL1)
   - Fail to prior report / Fail to complete CDR
   - Fail to complete/deliver CDR with Rock lobster
   - Bins not sealed / sealed incorrectly
   - Illegal at sea transfers / Unreported unloading of Rock Lobster
   - Collusion with Fish Processors
   - Exceed take home allowance

2. **Quota Management System Integrity** – PIRSA Risk Rating: HIGH (Likelihood - Occasional 5, Consequence - Severe 3: Score 15)

   The Quota Management System (QMS) is the collection of elements, each including various measures that when adhered to, enable effective accountability of all fish taken and subsequently sold or transferred. Integrity is the term used to describe the effectiveness of the measures contained within the QMS. The more effective the measures, the better the integrity of the QMS.

   The establishment of the QMS in 1994 is in line with Fishery Management Plan goals and primarily aims to prevent over-fishing, which can lead to over-exploitation of the biomass and ultimately collapse of the Fishery.

Breach of QMS rules will trigger a Compliance investigation to either prove or disprove Quota Evasion. Where Quota Evasion is not identified, the breach will be documented as a breach of Quota Integrity.

Legal requirements to be monitored that provide integrity to the QMS include:

- Fail to prior report / Fail to prior report within required timeframe
- Fail to complete CDR
- Exceeding gear entitlements (Over potting)
- Inaccurately record pot lift data (CPUE)
- Errors or omissions on CDR
- Bins sealed incorrectly
- Use of tags not issued to licence
- Electronic scales integrity


The purpose of minimum legal size limits is to protect juvenile fish and maintain spawning stocks. Should undersize Rock Lobster be taken on a large-scale basis, the cumulative effects could be significant in terms of overall Rock Lobster biomass sustainability within South Australia.

Stock Assessment by SARDI predicts a reduction in undersize Rock Lobster biomass during the 2013/2014 Rock Lobster season. Industry and PIRSA Fisheries and Aquaculture need to remain vigilant and avoid complacency around this issue.

Elements of the risk can include:

- Fishers taking Rock Lobster under minimum legal size
- Fishers using incorrect technique to measure Rock Lobster
- Fish Processors colluding with fishers or failing their duty to check for undersize.


Juvenile recruitment within the SZRL Fishery is vital in maintaining the Rock Lobster biomass at sustainable levels. Should Rock Lobster carrying eggs be taken, the cumulative effects could be significant in terms of overall Rock Lobster sustainability within South Australia.

Elements of taking female Rock Lobster carrying eggs can include:

- Fishers failing to return female Rock Lobster carrying eggs to the water
- Fishers removing eggs from female Rock Lobster and landing those Rock Lobster. (It is acknowledged that the practice of actively removing the eggs from the female Rock Lobster is a higher risk and consequence than unintentionally landing a berried Rock Lobster)
- Collusion with Fish Processors
Risk Likelihood & Consequence Analysis:

<table>
<thead>
<tr>
<th>LIKELIHOOD</th>
<th>NEGLIGIBLE</th>
<th>MINOR</th>
<th>MODERATE</th>
<th>SEVERE</th>
<th>MAJOR</th>
<th>CATASTROPHIC</th>
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<td>Take Under size (15) Quota Evasion (15) QMS Integrity (15) Take Berried Female (15)</td>
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</table>

**LIKELIHOOD DEFINITIONS**

- **LIKELY** - It is expected to occur
- **OCCASIONAL** - May occur
- **POSSIBLE** - Some evidence to suggest this is possible here
- **UNLIKELY** - Uncommon, but has been known to occur elsewhere
- **RARE** - May occur in exceptional circumstances
- **REMOTE** - Never heard of but not impossible

**CONSEQUENCE DEFINITIONS**

- **CATASTROPHIC** - Local extinctions are imminent / immediate
- **MAJOR** - Likely to cause local extinctions, if continued in longer term
- **SEVERE** - Affecting recruitment levels of stocks / or their capacity to increase
- **MODERATE** - Full exploitation rate, but long term recruitment / dynamics not adversely impacted
- **MINOR** - Possibly detectable, but minimal impact on population size and none on dynamics
- **NEGLIGIBLE** - Insignificant impacts to population. Unlikely to be measurable against background variability. For this population

**RISK RATING**

- Negligible
- Low
- Moderate
- High
- Extreme
Strategies

The following strategies have been developed to address each of the risks:

Education & Awareness:

- All interested parties understand their respective obligations
- Develop and maintain Industry communication & relationship program

Deterrence:

- All aspects of fishing activity including the QMS are fully monitored
- Enforcement Plan Communication Strategy
- Enforcement Outcomes Communication Strategy
- Identify gaps in QMS Integrity and work collaboratively with Industry to identify and implement solutions

Enforcement:

- Maximise successful prosecutions Outcomes
- Take appropriate and measured outcomes in response to detected offences
- Identify participants & methodology of Quota Evasion
- Reduce ability to evade QMS

Target Outcomes

The following target outcomes have been identified:

1. Minimise quota evasion
2. Maintain quota management system integrity
3. Minimise take of undersize
4. Minimise take of females carrying eggs

**Risks** (1 = Highest, 4 = Lowest) | **Strategies** | **Coordination Team:**
--- | --- | ---
1 = Quota Evasion | 1 = Education & Awareness | Limestone Coast – Darryl Cowan (State Coordinator)
2 = QMS Integrity | 2 = Deterrence | Policy Manager – Annabel Jones
3 = Take Undersize | 3 = Enforcement | 
4 = Take Protected species (Berried females) |  

<table>
<thead>
<tr>
<th>Risks Addressed</th>
<th>Strategies</th>
<th>Initiative</th>
<th>Actions</th>
<th>Who</th>
<th>When</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 2 3 4 1 2 3</td>
<td></td>
<td>1 on 1 interactions</td>
<td>Update One on One template and Fishery User Guide. Meet with LH’s, RM’s, and Processors. Ensure all clear on; - Legislative changes impacting coming season - Compliance focus for the coming season Industry days at sea</td>
<td>SC, Policy LC LC</td>
<td>August September</td>
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<tr>
<td>1 2 3 4 1 2 3</td>
<td></td>
<td>Fishery Induction Package</td>
<td>Induct all new entrants; utilise SZRL One on One template and distribute Fishery User Guide.</td>
<td>LC, SC</td>
<td>As required</td>
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<tr>
<td>1 2 3 4</td>
<td>1</td>
<td>Established liaison &amp; contact with Industry</td>
<td>- Attend pre-season Port meetings; present forthcoming season Compliance focus; draw attention to legislative changes - Attend industry meetings as required - Have regular contact with SARDI, Policy, Industry Executive Officer and stakeholders</td>
<td>LC SC</td>
<td>Pre Season Season</td>
</tr>
<tr>
<td>1 2</td>
<td></td>
<td>Audits</td>
<td>Monitor; - Information recorded on CDR and RLSTF - Prior Reports - Electronic Scales</td>
<td>LC, QMU</td>
<td>Season</td>
</tr>
<tr>
<td>1 2</td>
<td>1</td>
<td>Follow up CDR irregularity</td>
<td>Identify CDR irregularities and investigate Monitor quota balance for exceeding catch</td>
<td>QMU, LC</td>
<td>Season</td>
</tr>
<tr>
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</tbody>
</table>
| 1 2 3 4 1 2 3  |            | Field based inspections           | Fisheries Officers utilise reporting mechanisms including Prior Reports, CDRs and RLSTF to monitor all aspects of fishing and processing operations. Inspections conducted:  
  - At sea  
  - At landing/scales  
  - In transit  
  - At Fish Processor  
  Effective use of video monitoring and E-scales system                              | LC, SR                     | Season |
| x x x x x     | x x x x x | Regulatory review and revision   | Review and contribute to amendment of legislation and policy wherever appropriate                                                                                                                     | SC, Policy, LC             | As required |
| x x x x x     | x          | Media                            | Utilise media to:  
  - Communicate season opening and closure  
  - Update on successful outcomes                                                                                                                                  | SC, RM                     | As required |
| x x x x x     | x x        | Intelligence                     | Collate and analyse information received through FISHWATCH and stakeholders                                                                                                                           | Intel Analyst, LC          | Ongoing |
| x x x x       | x          | Intelligence driven operations   | Develop investigations and carry out targeted operations in line with Serious Offence Plan                                                                                                             | SOG, LC                    | Ongoing |
| x x x x       | x          | Brief Quality Assurance          | Briefs of evidence meet:  
  - Meet evidentiary requirements  
  - Are vetted to ensure quality assurance                                                                                                                                     | FO’s, Ops Mgr, PSC        | As required |