Fishery Management Plan Goals:

1. Ensure the Blue Swimmer Crab resource is harvested within ecologically sustainable limits.
2. Allocate access to Blue Swimmer Crab resources to achieve optimum utilisation and equitable distribution to the benefit of the community.
4. Cost effective and participative management of the fishery.

Compliance Risk Summary:

1. Quota Management System Integrity – PIRSA Risk Rating: MODERATE (Likelihood 5: Consequence 2: Score 10)

A robust and manageable Quota Management System is an integral component to the effective management of a quota fishery. It is noted that weighing upon landing with ice is no longer an industry practice, reducing the risk. It is also noted that there is not a standard size bin recognised however Industry have committed to putting an accurate un-iced weight at landing on the current Catch and Disposal Record (CDR).

Elements that have a direct impact on the overall effectiveness and integrity of the Quota Management System include:

- Errors and or omissions on CDR’s – noted as low
- Provision to not deliver to registered premises directly

2. Quota Evasion - PIRSA Risk Rating: MODERATE (Likelihood 4: Consequence 2: Score 8)

The risk “Quota Evasion” has direct links to the risk “Quota Management System Integrity” Where the Quota Management System lacks effective checks and balances, the potential for quota evasion is heightened and the likelihood of detection is reduced. The consequences of Quota Evasion (intentionally exceeding quota), can lead to overfishing and localised stock depletion. With the stock assessment report being positive in Spencer Gulf this season the risk to the stock is reduced (but not to the system), however Gulf St.Vincent stock assessment is not as favourable. Overall, it is believed that there is a reduction in this risk.

In addition to weighing of catch, many of the elements listed under the risk “Quota Management System Integrity” invariably link to the risk “Quota Evasion”.

3. Take Protected / Non-Permitted Species - PIRSA Risk Rating LOW (including females carrying eggs) Likelihood 1: Consequence 2: Score 2)

Small amounts of undersized crabs have been detected on interstate markets. Intelligence continues to be received in relation to the take of non-permitted, namely Snapper, when Crab fishing.
With the Crab stock assessment report being positive in Spencer Gulf this season, and with little current intelligence in this area, the risk rating has been reviewed. It should be noted that the Gulf St.Vincent stock assessment is not as favourable, and so the risk of taking undersize and females carrying eggs remains, but it is believed overall that there is a reduction in this risk.

**Elements of taking protected / non – permitted species can include**

- Taking protected species – females with eggs
- Take of undersize
- Taking non permitted species – species not listed on the authority

4. **Other Compliance risks identified within the fishery that may occur will be addressed as they are detected. They include the following:**

- Fishing in closed areas
- Biosecurity response
- Fishing with a vessel not endorsed on a licence
- Fishing with illegal gear
- Fishing with excess gear
- Gear interference
- Failure to lodge SARDI catch and effort returns
- Inaccurate or misleading reporting of catch location and volume on SARDI Returns
- Assist/provide services to other agencies (ie SAPOL, threats at sea amongst Industry)
PIRSA Fisheries & Aquaculture – Blue Crab Fishery Compliance Plan (incorporating POT & NET) 2014 - 2015

Risk Likelihood & Consequence Analysis:

<table>
<thead>
<tr>
<th>LIKELIHOOD</th>
<th>CONSEQUENCES</th>
<th>NEGLIGIBLE</th>
<th>MINOR</th>
<th>MODERATE</th>
<th>SEVERE</th>
<th>MAJOR</th>
<th>CATASTROPHIC</th>
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<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
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<td>REMOTE</td>
<td>Take Protected / Non Permitted Species (2)</td>
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<tr>
<td>RARE</td>
<td>Quota Evasion (8)</td>
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<tr>
<td>UNLIKELY</td>
<td>Quota Management System Integrity (10)</td>
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<tr>
<td>POSSIBLE</td>
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<tr>
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<td></td>
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<tr>
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</tr>
</tbody>
</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**

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

**RISK RATING**

- Negligible
- Low
- Moderate
- High
- Extreme
Strategies:

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

1. Education & Awareness
   - All interested parties understand their respective obligations
   - Develop Industry communication & relationship program

2. Deterrence
   - All aspects of Quota Management System are fully monitored
   - Enforcement Plan Communication Strategy
   - Enforcement Outcomes Communication Strategy
   - All aspects of fishing activity monitored

3. Enforcement
   - Maximise successful prosecutions Outcomes
   - Identify participants & methodology of Quota Evasions
   - Reduce ability to evade Quota Management System

Target Outcomes:

The following target outcomes have been identified:

- Quota Management System integrity maintained
- Minimise quota evasion
- Reduce / minimise take of protected and non-permitted species
### Risks

1. Quota Management Integrity
2. Quota Evasion
3. Take of Protected / Non-Permitted Species

### Strategies

1. Education and Awareness
2. Deterrent
3. Enforcement

### Coordination Team:

- Central = Dale McKerlie (State Coordinator)
- Southern Ranger = Matt Read
- Policy Manager = Keith Rowling

<table>
<thead>
<tr>
<th>Risks Addressed</th>
<th>Strategies</th>
<th>Initiative</th>
<th>Actions</th>
<th>Who</th>
<th>When</th>
</tr>
</thead>
</table>
| x               | x          | 1 on 1 interactions | Update and distribute Fishery User Guide  
Have 1 on 1 interactions with LH’s, RM’s and Fish Processors throughout the season; ensure all remain clear on the rules and their obligations  
Industry Days | SC  
Central | Pre Season |
|                 |            |            |         |     |      |
|                 |            | Established liaison & contact with Industry | Have regular contact with SARDI, Policy, Industry Representatives and Stakeholders  
Attend Industry meetings when invited. Communicate Industry performance. Raise Compliance issues with Fishery Policy Manager | Ops Mgr, SC  
Ops Mgr, SC | Ongoing |
| x               |            | Audit | Audits to include but not limited to:  
- Identification of CDR irregularities  
- Monitor quota balance for exceeding catch | Central | Season |
### PIRSA Fisheries & Aquaculture – Blue Crab Fishery Compliance Plan (incorporating POT & NET) 2014 - 2015

<table>
<thead>
<tr>
<th>Risks Addressed</th>
<th>Strategies</th>
<th>Initiative</th>
<th>Actions</th>
<th>Who</th>
<th>When</th>
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<tr>
<td>x   x   x   x</td>
<td>x</td>
<td>Field based inspections</td>
<td>Inspections at sea, landing, transit and at Fish Processor. Ensure non-permitted species and protected species are not taken, gear is compliant &amp; gear interference is not occurring between commercial / recreational fishers</td>
<td>Central</td>
<td>Season</td>
</tr>
<tr>
<td>x   x   x   x</td>
<td>x</td>
<td>Regulatory review and revision</td>
<td>Contribute to amendment of legislation and policy where appropriate</td>
<td>Central</td>
<td>As required</td>
</tr>
<tr>
<td>x   x   x   x</td>
<td>x</td>
<td>Media</td>
<td>Utilise media to update on successful prosecution outcomes</td>
<td>Ops Mgrs, SC, PIRSA Comms</td>
<td>As required</td>
</tr>
<tr>
<td>x   x   x   x</td>
<td>x</td>
<td>Intelligence</td>
<td>Collate and analyse information received through FISHWATCH and Stakeholders</td>
<td>Regions, Intel Analyst</td>
<td>Ongoing</td>
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<tr>
<td>x   x   x   x</td>
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<td>Intelligence driven operations</td>
<td>Develop investigations and carry out targeted operations in line with the Serious Offence Plan</td>
<td>Regions, SOG</td>
<td>As required</td>
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<tr>
<td>x   x   x   x</td>
<td>x</td>
<td>Address non-compliance</td>
<td>Investigate instances of non-compliance Take enforcement action including issue of Caution, Expiation and Brief</td>
<td>FO’s</td>
<td>As required</td>
</tr>
<tr>
<td>x   x   x   x</td>
<td>x</td>
<td>Brief Quality Assurance</td>
<td>Briefs of evidence meet evidentiary requirements and are vetted to ensure quality assurance</td>
<td>FO’s, Ops Mgrs, PSC</td>
<td>As required</td>
</tr>
</tbody>
</table>

Abbreviations: FO (Fisheries Officer); SC (State Coordinator); SOG (Special Operations Group – PIRSA internal); PSC (Prosecution Steering Committee – PIRSA internal), Intel Analyst (Intelligence Analyst – PIRSA internal); PIRSA Comms (PIRSA Communications – PIRSA internal)