Aquatic Sport Risk Management

*Project delivered with support from the Victorian Government’s Emergency Services Volunteer Sustainability Grants Program*
Aquatic Sport Review - Background

The LSV Board commissioned the Aquatic Sport Review in 2017/18.

Objective
• To identify the issues/challenges associated with the delivery of Aquatic Sport and recommend solutions for improvement

Goal
• Better before bigger

Outcomes
• Five priority areas (PA) to be addressed:
  1. Developing People (PA1)
  2. Prioritising safety (PA2)
  3. Upgrading technology (PA3)
  4. Increasing promotion (PA4)
  5. Improving evaluation (PA5)

• Two-year Work Plan for implementing the priority areas developed.

## Prioritising Safety (PA2)

### Recommendation

A focus on better preparation, planning, tools, equipment, training and integration with lifesaving operations, while communicating better with host clubs, team managers, athletes and families.

### Year 1 Outcomes

- Risk Management Review project Phase 1 completed (stakeholder engagement & survey)
- Aquatic Sport Risk profile developed
- Risk Management & SARS sessions
- Standardised First Aid action plan
- ARRO (water safety count) App scoped (part of Event App)
- Development of Rescue Water Craft (RWC) Operators
- Trialled integration of the Westpac Life Saver Rescue Drone program into IRB carnivals

### Highlight

There has been great engagement from key stakeholders in the Aquatic Sport Risk Management Review project, independently facilitated by RiskFacilitator. This evidences a strong safety culture and keenness to continuously improve safety measures.
Risk Management Review Project - Overview

PHASE 1
Risk Methodology review and validation (survey)
Completed

PHASE 2
Development of Sport Risk Profile
Completed

PHASE 3
Implementation of training and tools to manage risk
19/20

PHASE 4
Review and update Sport Risk Profile and develop training plan
20/21
Phase 1

Depth of Analysis:

- **354** key Sport stakeholders engaged in consultation
- **22** key documents have been taken into context in the preparation of this risk profile
- **48** key risks were identified for risk analysis
Phase 2

**Sport Risk Profile – Objective:**
For LSV to deliver operational effectiveness, identifying and assessing opportunities and their associated risks; together with analysing control effectiveness and continually consulting, communicating, monitoring and reviewing with key stakeholders.

This is to give us the greatest chance of success whilst demonstrating diligent and defensible risk management and oversight.
## Risk Profile Overview

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>RISKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Governance</td>
<td>1</td>
</tr>
<tr>
<td>Operational</td>
<td>9</td>
</tr>
<tr>
<td>Safety &amp; Security</td>
<td>23</td>
</tr>
<tr>
<td>Reputation</td>
<td>8</td>
</tr>
<tr>
<td>Resourcing &amp; Projects</td>
<td>7</td>
</tr>
</tbody>
</table>

- 48% Safety & Security
- 19% Operational
- 17% Governance
- 15% Reputation
- 2% Resourcing & Projects
Risk Profile Overview

Current Inherent Risk Level

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>RISKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extreme</td>
<td>4</td>
</tr>
<tr>
<td>High</td>
<td>20</td>
</tr>
<tr>
<td>Medium</td>
<td>24</td>
</tr>
<tr>
<td>Low</td>
<td>0</td>
</tr>
</tbody>
</table>

- Extreme: 4 risks (8% of total)
- High: 20 risks (42% of total)
- Medium: 24 risks (50% of total)
- Low: 0 risks (0% of total)
Risk Profile Overview

Expected Residual Risk Level*

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</tr>
<tr>
<td>High</td>
<td>9</td>
</tr>
<tr>
<td>Medium</td>
<td>38</td>
</tr>
<tr>
<td>Low</td>
<td>1</td>
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</table>

* Actual residual risk will not be reduced until evidence of control effectiveness can be demonstrated.
# Risk Register Examples

## Risk Register

<table>
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<tr>
<th>Serial</th>
<th>Risk Description</th>
<th>Category</th>
<th>Consequence</th>
<th>Likelihood</th>
<th>Risk Level</th>
<th>Existing Treatments / Controls</th>
<th>Treatment / Control Effectiveness</th>
<th>OHS Hierarchy Level</th>
<th>Implementation Status</th>
<th>Expected Deviation Risk level</th>
<th>Risk Decision</th>
<th>Key Risk Indicators</th>
<th>Actions</th>
<th>Due</th>
<th>Risk Owner or entity</th>
</tr>
</thead>
</table>
| 1      | Athlete / official goes missing in the water during event | Safety & Security | Catastrophic | Possible   | 5          | • Designated competition areas (equipment)  
• Powercraft Water safety  
• AHFOC (Count in and out)  
• Safety & Emergency Management Co-ordinator present at events  
• Search and Rescue Kit accessible to officials / water safety  
• SA System  
• Athletes required to wear high-visibility vests in water  
• Athletes only complete in designated competition areas  
• Water Safety present during competition  
• Athletes counted as they enter and leave the water | Substantially Effective | Level 3 | Complete | 15 | Accept | Historic data  
• Incident reporting  
Monitor & review | 1st Nov | SEMC |
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| 12     | Injury due to competing on hard sand, potholes, and undulating surfaces | Safety & Security | Major       | Likely     | 4          | - Beach Hazard Checklist  
- Officials inspect field of play prior to events                                                 | Substantially Effective           | Level 2  
Level 3                                                                                          | Complete                          | 8           | Accept                                                                                      | Historic data  
- Incident reporting | Monitor & review | 1 hr before event | SEMC     |
| 26     | Lack of logistical support to members for delivery of event | Operational    | Major       | Possible   | 6          | - Club hosting contracts outline club obligations  
- Supply Chain Management - Check in/out system  
- Supply Chain Staff - monitoring equipment failures at carnivals / delivering trailers / coordination on pack up and set up | Substantially Effective           | Level 2  
Level 3                                                                                          | Complete                          | 13          | Accept                                                                                     | Historic data  
- Incident reporting | Monitor & review | 1st Nov | Kitty Clark - AS Manager |
| 27     | Failure of equipment or required equipment not brought to event | Operational    | Major       | Possible   | 6          | - Supply Chain Management - monitoring equipment failures at carnivals  
- Catalogue of equipment  
- Carnival Checklists  
- Officials Feedback forms                                                                      | Substantially Effective           | Level 2  
Level 3                                                                                          | Complete                          | 13          | Accept                                                                                     | Historic data  
- Incident reporting | Monitor & review | 48 hrs prior to event | Cheryl Taylor - Supply Chain Management |
Phase 3

Next Steps –

• Active Training Safety Education Roadshow:
  ▪ Min. 4 PD sessions
  ▪ Uniformed and online tools for managing risk, inc. ARRO app
  ▪ Recruitment and training for ESOs
  ▪ Carnival Powercraft training sessions
  ▪ Improved carnival safety equipment
Phase 3

SARS Training Session

*Presented by Steve Leahy*

**Time:** 4:20pm-5:00pm

**Overview:** On-Beach Emergency Management/ actions

**Suggested Audience:** Water Safety personnel, Officials, Team Managers, Coaches