An Integral member of the State’s emergency management community

Presenter
Matt du Plessis
Lifesaving Operations Coordinator
## Coastal Fatalities Overview

<table>
<thead>
<tr>
<th>Location</th>
<th>Number of coastal deaths</th>
<th>Date</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Torpedo Rocks, Yallingup</td>
<td>1</td>
<td>August 2006</td>
<td>Walking on rocks - swept off rocks</td>
</tr>
<tr>
<td>Contos Beach</td>
<td>2</td>
<td>August 2007</td>
<td>Rock Fishing</td>
</tr>
<tr>
<td>Quarry Bay</td>
<td>1</td>
<td>January 2009</td>
<td>Scuba diving – air embolism</td>
</tr>
<tr>
<td>Redgate Beach</td>
<td>1</td>
<td>April 2009</td>
<td>Swimming</td>
</tr>
<tr>
<td>Flat Rock</td>
<td>1</td>
<td>October 2009</td>
<td>Swimming</td>
</tr>
<tr>
<td>Canal Rocks</td>
<td>1</td>
<td>December 2009</td>
<td>Scuba Diving</td>
</tr>
<tr>
<td>Geographe Bay, Busselton</td>
<td>1</td>
<td>January 2010</td>
<td>Swimming</td>
</tr>
<tr>
<td>Sugarloaf Rock</td>
<td>1</td>
<td>January 2010</td>
<td>Snorkelling</td>
</tr>
<tr>
<td>Gracetown</td>
<td>1</td>
<td>August 2010</td>
<td>Surfing (Shark bite)</td>
</tr>
<tr>
<td>Windmills</td>
<td>1</td>
<td>April 2011</td>
<td>Boating (fishing)</td>
</tr>
<tr>
<td>Elephant Rock, Hamelin Bay</td>
<td>1</td>
<td>July 2011</td>
<td>Rock fishing – Slipped from rocks</td>
</tr>
<tr>
<td>Bunker Bay</td>
<td>1</td>
<td>September 2011</td>
<td>Surfing (Shark bite)</td>
</tr>
<tr>
<td>Willyabrup Beach</td>
<td>1</td>
<td>December 2011</td>
<td>Surfing (Medical condition)</td>
</tr>
<tr>
<td>Cape Clairault, Yallingup</td>
<td>1</td>
<td>December 2011</td>
<td>Rock Fishing – Swept off rocks</td>
</tr>
<tr>
<td>Surfers Point</td>
<td>1</td>
<td>November 2012</td>
<td>Surfing</td>
</tr>
<tr>
<td>Redgate Beach</td>
<td>2</td>
<td>December 2012</td>
<td>Surfing</td>
</tr>
<tr>
<td>Lighthouse Bay</td>
<td>1</td>
<td>December 2012</td>
<td>Snorkelling - Abalone fishing</td>
</tr>
<tr>
<td>Gracetown Main Beach</td>
<td>1</td>
<td>January 2013</td>
<td>Snorkelling - Abalone fishing</td>
</tr>
<tr>
<td>Gracetown (Umbies)</td>
<td>1</td>
<td>November 2013</td>
<td>Surfing (Shark bite)</td>
</tr>
<tr>
<td>Willyabrup Beach</td>
<td>1</td>
<td>January 2014</td>
<td>Rock climbing – fell from rocks</td>
</tr>
<tr>
<td>Eagle Bay</td>
<td>1</td>
<td>January 2014</td>
<td>Boating (Propeller Incident)</td>
</tr>
<tr>
<td>Canal Rocks</td>
<td>1</td>
<td>March 2014</td>
<td>Drowning Rock Fishing</td>
</tr>
<tr>
<td>Smiths Beach</td>
<td>1</td>
<td>August 2014</td>
<td>Surfing</td>
</tr>
<tr>
<td>Surfers Point</td>
<td>1</td>
<td>November 2014</td>
<td>Surfing</td>
</tr>
<tr>
<td>Smiths Beach</td>
<td>1</td>
<td>February 2015</td>
<td>Surfing</td>
</tr>
<tr>
<td>Surfers Point</td>
<td>1</td>
<td>March 2015</td>
<td>Surfing</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>28</strong></td>
<td></td>
<td></td>
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</tbody>
</table>
Fitness and Skills
## Fitness and Skills

<table>
<thead>
<tr>
<th>Skill/Fitness Test</th>
<th>Lifeguards</th>
<th>Helicopter</th>
<th>Jet ski</th>
<th>Lifesavers (Clubs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 run, 200m swim, 200m run</td>
<td>&lt; 8 min</td>
<td>&lt; 8 min</td>
<td>&lt; 8 min</td>
<td>&lt; 8 min</td>
</tr>
<tr>
<td>400 Swim</td>
<td>&lt; 7.5 min</td>
<td>&lt; 7.5 min</td>
<td>&lt; 8 min</td>
<td>&lt; 9 min</td>
</tr>
<tr>
<td>25m underwater, 25m surface swim &lt; 50s</td>
<td>&lt; 50s</td>
<td>&lt; 50s</td>
<td>&lt; 50s</td>
<td>No</td>
</tr>
<tr>
<td>800 run, 400m swim, 800m run, 400m board &lt; 25min</td>
<td>&lt; 25 min</td>
<td>No</td>
<td>No</td>
<td>No Timeframe</td>
</tr>
<tr>
<td>Tube Rescue</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Either tube or board</td>
</tr>
<tr>
<td>Board Rescue</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Cert 2 in Public Safety &amp; Aquatic Rescue</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Senior First Aid</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Advanced Resuscitation</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Spinal Management</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Certificate III in Public Safety (Aquatic Search and Rescue (certain units)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>
Helicopter Operations

ROLES:

• Providing coastal surveillance patrols including:
  • providing real time intelligence on local conditions for local authorities (lifeguards / Local Government)
  • undertaking preventative actions
  • part of the State Government’s ‘Shark mitigation strategy’

• Undertaking search and rescue missions and emergency medical services in our community
  • Responding to emergency incidents, with a primary focus on the coastal areas
Roles continued

• Integrating into SLSWA coastal public safety management solutions
  • Supporting beach services – Volunteers, Lifeguards; Wesfarmers Lifesaver Jet ski teams
  • Collection of data including photographs, beach user statistics
  • Providing ‘real-time’ intelligence on beach conditions via social media

• Working alongside Police, Ambulance, Fire and Emergency Services
  • Providing support to local emergency services wherever possible
  • Part of the St. John’s Ambulance ‘First Responder’ program
Capabilities

BASE: Busselton Airport
RANGE: 600km
ENDURANCE: 2hrs 45 mins
CRUISE SPEED: 240km/hr
WINCH: 205 kg

Flight Times (from base):
Yallingup: 9mins
Cape Naturaliste: 11mins
Gracetown: 12mins
Margaret River: 12mins
Redgate Beach: 13mins
Cape Leeuwin: 22mins
Operational Times

Helicopter Operations

27 Sep – 12 Oct
• 0700 – 1700
• Daily Patrols

13 Oct – 23 Nov
• 0700 – 1700
• Weekend Patrols / Available and on standby during the week

24 Dec – 04 Feb
• 0700 – 1700
• Daily Patrols

05 Feb – 30 Apr
• 0700 – 1700
• Patrols on weekends, public holidays and school holidays; Available and on standby during the week for rest of that period
Jet Ski Operations

ROLES:

- Providing coastal surveillance/preventative patrols
- Undertaking search and rescue missions and emergency medical services in our community
- Integrating into SLSWA coastal public safety management solutions
- Working alongside Police, Ambulance, Fire and Emergency Services
- Inshore water specialists
Capabilities

Response Times (from boat ramp):

Dunsborough to:
- Meelup – 6 min
- Eagle Bay – 12 min
- Bunker Bay – 18 min
- Windmills – 30 min
- 3 Bears – 36 min

Canal Rocks to:
- Yallingup – 8min
- 3 Bears – 20 min
- Windmills – 24 min
- Injidup – 6 min
- Moses rock – 18 min
- Honeycombs – 24 min

Gracetown to:
- Left Handers – 12 min
- Gallows – 15 min
- Willyabrup – 18 min
- Honeycombs – 26 min

Gnarabup to:
- Gas Bay – 6 min
- Redgate – 12 min
- Contos – 18 min
- Kilcarnup – 8 min

Hamlyn Bay:
- Boranup – 15 min
- Contos – 35 min
Capabilities

BASES: 
- Gnarabup
- Yallingup
- Busselton
- Bunbury

EQUIPMENT: 
- 2 x ATV
- 5 x Jet Skis
- 8 x Rescue Boards and Tubes
- Medical Equipment including Severe Bleeding Kits

OPERATIONAL TIMES: 365 (daylight hours)

PERSONNEL: 16 x Jet Ski Operators
Lifeguard Operations

ROLES:
• Providing localised patrols and designated bathing areas on behalf of LGA’s/Land Managers
• Undertaking localised search and rescue missions and emergency medical services in our community
• Integrating into SLSWA coastal public safety management solutions
• Working alongside Police, Ambulance, Fire and Emergency Services
• Authorised Officers – Local Government
## Capabilities

**BEACHES:**
- Smiths
- Yallingup
- Bunker Bay
- Meelup

**EQUIPMENT:**
- 2 x 4WD
- 1 x ATV
- 2 x Jet Ski
- 2 x Portable stations
- 8 x Rescue Boards and Tubes
- Medical Equipment including Severe Bleeding Kits, Epipens and Penthrane

**PERSONNEL:**
- 10 x Professional Lifeguards
Operational Times

Lifeguard Operations

Yallingup and Smiths
• 27 Dec – 31 Jan
• 1000 – 1700
• 7 days a week

Meelup and Bunker Bay
• 23 Nov – 31 Jan
• 0900 – 1700
• 7 days a week
Lifesaving Club Operations

ROLES:

• Providing **localised** patrols and designated bathing areas
  Undertaking **localised** search and rescue missions and emergency medical services in our community
• Integrating into SLSWA coastal public safety management solutions
• Working alongside Police, Ambulance, Fire and Emergency Services
• Providing a community hub
• Providing training and education
• Promoting a healthy sports culture
• Act, Belong, Commit
Capabilities

ON-CALL: 365

BEACHES: Smiths
          Busselton
          Dalyellup
          Binningup
          Bunbury

EQUIPMENT: 2 x 4WD
            5 x ATV
            10 x IRB’s (Inflatable Rescue Boats)
            Rescue Boards and Tubes
            Medical Equipment

PERSONNEL: 350 x qualified volunteers
Operational Times

Lifesaving Operations

Busselton SLSC
20 Nov–29 Feb
• 1100 – 1500 (Sat)

Binningup SLSC
9 Nov – 29 Feb
Nov: 0930 – 1230 (Sun)
Dec: 0930 – 1330 (Sun)
Jan: 0930 – 1630 (Sun)
Feb: 0930 – 1330 (Sun)

Bunbury SLSC
18 Oct – 31 Mar
Oct: 1200 – 1600 (Sun)
Nov - Feb: 1300 – 1700 (Sat)
0900 – 1700 (Sun)
Mar: 0900 – 1700 (Sun)

Dalyellup SLSC
18 Oct – 31 Mar
• 0800 – 1200 (Sun)
SurfCom Operations

ROLES:
- **Supporting** coastal surveillance patrols
- **Coordinating** search and rescue missions and emergency medical services in our community
- Integrating into SLSWA coastal public safety management solutions
- Working alongside Police, Ambulance, Fire and Emergency Services
- Asset tracking through TracPlus and DMR Radios
- Overseeing Duty Officer (SLSWA On-scene Command)
- Emergency call taking through 13SURF

24/7 SURF RESCUE
EMERGENCY RESPONSE

13SURF
CALL 13 7873
Capabilities

BASE: Balcatta (Perth)
RANGE: Broome – Esperance*
OPERATIONAL HOURS: 0600 – 1800 (Oct - Apr)
               0730 – 1430 (May – Sep)
INTERFACE: Motorola TRBO Net
RADIO NETWORK: DMR/Analog System
               Marine VHF
               DFES
               WAPOL
               Aviation

Services and community supported by SurfCom
  • 13Surf
  • Lifesaving Operations
  • Duty Officers
  • Operational Orders
  • SurfCom Mngt System
  • BeachSafe
  • Twitter
  • Facebook
  • Media

*1-3 year plan
Other Services Provided

Provide Advice on Public Safety Policy:
• Coronal Investigations
• Risk Management Planning for Community Events
• Communicate & Engage State Government Agencies
• Communicate & Engage LGA’s/Land Managers

Land manager & developers have access to coastal risk management standards:
• Quality sustainable Lifeguard services offered to Land Managers
• Land managers benchmark against known standards/ guidelines
• Contribute to national Blackspot plan, analyse and report to Land Managers
• Coastal Safety Audits
Other Services Provided

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  • Coronial Investigations
  • Risk Management Planning for Community Events
  • Communicate & Engage State Government Agencies
  • Communicate & Engage LGA's/Land Managers

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  • Contribute to national Blackspot plan, analyse and report to Land Managers
  • Coastal Safety Audits

24/7 SURF RESCUE EMERGENCY RESPONSE

13SURT
CALL 13 7873