

# Paddle Australia Qualification Scheme

## Assessment Guidelines

### Sea Instructor



## Qualification Definition

The holder of this award is qualified to guide and instruct individuals or groups of novices on activity and day based programs in sea kayaks in Sea conditions:

- Outside of estuaries, harbours, embayments or other sheltering reefs or islands
- Areas of exposed coastline that are simple, not involving overfalls or tidal races
- Difficult landings or open crossings may be included
- Maximum of 5 nautical miles from shore
- Wind conditions below Strong Wind Warning (26kn)
- Breaking (whitecapping) waves (sea) up to 1.5m
- Surf to 1.0m

## Skills

*All skills to be performed in Fresh Winds(17-21kn) at Sea. Surf related skills to be performed in 1.0m of surf*

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| <b>Prepare appropriate craft and equipment</b>               | Throughout assessment participants use appropriate equipment for the environment.<br>This equipment promotes personal safety and is prepared in a way to not impede on safety  |
| <b>Secure craft for transport, secure equipment to craft</b> | Participants transport craft to and from venue, method is safe for craft and participant. (or able to demonstrate method they would use)<br>Equipment placed on craft is secured in a manner that does not impede safety and is accessible when required   |
| <b>Launch and land craft</b>                                 | Participant launches and lands craft in surf in a safe repeatable manner without assistance.<br>Safely demonstrate: <ul style="list-style-type: none"><li>• Control on a wave</li><li>• Side surf</li><li>• Back surf</li></ul>  |
| <b>Perform paddle strokes</b>                                | Demonstrate individual strokes to manoeuvre the craft: <ul style="list-style-type: none"><li>• Forward and reverse paddle</li><li>• Forward and reverse sweeps</li><li>• Draw strokes (feathered and sculling)</li><li>• Stern rudder</li><li>• Bow rudder</li><li>• Stopping</li><li>• Support using front and back of blade</li><li>• Leaning and edging</li><li>• Stroke combination</li></ul> For each stroke the minimum performance requirements are: <ul style="list-style-type: none"><li>• Correct hand placement on paddle</li><li>• Sufficient wrist movement to enable correct blade placement</li><li>• Adequate paddle depth in water to achieve effective stroke</li><li>• Correct paddle blade angle throughout stroke</li><li>• Correct paddle entry and exit points with respect to craft and body</li></ul> |

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| position                                     |  |
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| <b>Form into and disperse from a raft</b>    | A raft is formed in a timely manner (no wasted time) and promotes safety to all involved   |
| <b>Perform self and buddy rescues</b>        | <p>Self rescue:</p> <ul style="list-style-type: none"><li>• Swim 50m in paddling gear</li><li>• Paddle float re-entry</li><li>• Roll (one side)</li><li>• Re-enter and roll (one side)</li></ul> <p>Buddy rescue (rescues are performed as rescuee and rescuer):</p> <ul style="list-style-type: none"><li>• T rescue</li><li>• Wedge rescue</li><li>• Scoop rescue</li></ul> <p>Rescues are performed in a timely manner (no time wasted) and promotes safety to all involved and is deemed to work in all conditions</p> |
| <b>Accept a tow</b>                          | Calm is maintained.<br>Craft kept in a straight line while towed.<br>Craft kept stable and balanced  |
| <b>Perform a tow</b>                         | <p>Demonstrate:</p> <ul style="list-style-type: none"><li>• Single tow</li><li>• In-line tow</li><li>• V tow</li><li>• Short tow</li><li>• Contact tow</li></ul> <p>Tows are performed using quick release system that floats if disconnected.</p> <p>Tows are performed to promote safety to all.</p>   |
| <b>Complete an activity</b>                  | Activity plan/brief is followed to meet time management requirements and activity goals. Plan is adjusted if and when required   |
| <b>Maintain position in windy conditions</b> | Perform upwind tail stall.<br>Use Transit bearing to determine drift   |
| <b>Capsize and roll in surf</b>              | Participant to capsize craft while surfing a wave, roll is performed by either using momentum and power of wave or waiting until wave energy has dissipated and roll behind wave.<br>Technique used must be safe and repeatable.   |
| <b>Rope work</b>                             | <p>Demonstrate:</p> <ul style="list-style-type: none"><li>• Bowline</li><li>• Fisherman's knot</li><li>• Round turn and two half hitches</li><li>• Clove hitch</li><li>• Highwayman's hitch</li><li>• Truckies hitch</li></ul>   |
| <b>Individual Situational</b>                | Participant is able to monitor personal wellbeing as well as   |

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| <b>Awareness</b>                           | environmental elements that may effect all participants   |
| <b>Paddling Speed</b>                      | Able to maintain an average speed of 4kph for 1 hour  |
| <b>Role Model paddle strokes</b>           | Demonstrate paddle strokes broken down into component parts and as combinations, to a high level of technical correctness   |
| <b>Group Situational Awareness</b>         | <p>Group and environment are monitored to ensure activity remains safe and enjoyable for all participants.<br/>Monitoring may include:</p> <ul style="list-style-type: none"><li>• Fatigue</li><li>• Separation</li><li>• Sickness</li><li>• Engagement</li><li>• Tide</li><li>• Weather</li><li>• Other environmental influences</li></ul>   |
| <b>Instruct a group of novice paddlers</b> | <p>Program is delivered to a group to promote a smooth, productive, effective, and safe program for all students.<br/>Arrange venues, equipment, staff or assistants, and coordinate timetables and logistics.<br/>Contents of instruction to include but not limited to:</p> <ul style="list-style-type: none"><li>• Paddling skills</li><li>• Launching and landing</li><li>• Self and buddy rescues</li><li>• Rolling</li><li>• Group control</li><li>• Navigation</li><li>• Delivery of a theory training session</li><li>• Delivery of a practical training session</li></ul> <p>Paddling skills to include those specified in the above <b>Skills</b> component.<br/>The above skills are taught in a manner to reduce injury and increase efficiency.<br/>Participant also demonstrates the ability to correct techniques to prevent injury long and short term.<br/>All skills and knowledge delivered is done at a level and in a style that is appropriate for the students.<br/>Demonstrate skills in a manner that is consistent with the skills required of the students. Ability to break down the physical movements of skills either on water or land</p> |

## Knowledge

Group participants: Novice paddlers

|   |  |
|---|--|
| <b>Knowledge and maintenance of craft</b> | Good knowledge of the features of a Sea Kayak. Must include but not limited to: <ul style="list-style-type: none"><li>• Construction</li></ul> |
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- Material
- Water line
- Bow designs
- Rocker
- Grab handles
- Foot support
- Storage
- Deck lines
- Volume
- Cockpit
- Bulkheads
- Hull shapes
- Handling characteristics; tracking, edge behaviour

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#### Select and advise on appropriate equipment and clothing

Clothing and equipment is selected with consideration of sun sense and other environmental influences  
Throughout assessment participants use appropriate equipment for the environment and are monitored and reminded of appropriate precautions.  
This equipment is prepared in a way to not impede on safety

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#### Store, operate and maintain appropriate safety and communication equipment

Equipment to include but not limited to:

- Lifejacket (level 50)
- Sufficient food and water
- Spray deck
- Spare paddle
- Mobile phone
- VHF radio
- Tow line
- Sling/rescue ladder
- Pea-less whistle
- Safety knife
- First Aid kit
- Helmet(when in surf or around rocks)
- Hand pump
- Hands-free pump (foot or electric)
- Deck compass
- Paddle float

Able to show or explain simple repair kit and the purpose of contents

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#### Navigational aids

Knowledge of but not limited to:

- Latitude and Longitude
- Measuring distance
- Scale
- Navigational markers: Lateral, cardinal and special markers
- Tidal flow arrows
- Paddling speed
- Effects of wind and tide
- Eddies

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- Types of coast line
- Depth
- Position fixing; e.g. dead reckoning, 3 point fix
- Transits
- Aiming off
- Tides: High, Low, Spring, Neap, Tidal range, Rule of twelves, Secondary ports, 50/90 rule
- Able to complete a Navigation sheet

#### Interpret weather

Able to gain appropriate Bureau of Meteorology (BOM) weather forecasts (e.g. from MetEye) and warnings, and interpret how weather can influence and affect a paddling location.

Knowledge of, but not limited to:

- Winds
- Beaufort Scale
- Funnelling
- Fetch
- Effects of wind on paddling; windward, leeward
- Swell
- Seas
- Rebound
- Tidal currents
- Precipitation
- Sources of extended marine weather forecasts
- Telling signs of bad weather approaching

#### Plan an activity

Plan is developed to meet the activity goals and is appropriate for group, location and time limitation. Plan allows for all capabilities within the group and contains contingency plans for equipment failure and emergency evacuation

#### Minimal environmental impact

Follows PA [Minimal Impact Guidelines](#)

#### Maintain a log book

Understands the purpose and contents of a log book  
Knowledge and use of PA's Paddle Log app

#### Prepare a Float Plan

Understands the purpose and contents of a Float Plan  
Knowledge and use of PA's Paddle Prep app

#### Rules of Sea

Knowledge of but not limited to:  

- Give way rules

#### Selection of launching and landing sites

Understands the issues when selecting an appropriate launching and landing site to be safe for the group

#### PA's role, membership structure, your rights and responsibilities

Understands PA's membership, structure and rights and responsibilities as a registered PA leader

#### PA's relevant guidelines and policies

Has knowledge of the safe conduct of recreational paddling as described in PA's [Safety Guidelines](#)

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#### Hazard identification and risk management

Able to identify risks and causal factors for a Flatwater activity and also able to identify management strategies to mitigate any risks.

Risks may include:

- Separation
- Drowning
- Sunburn
- Hypothermia
- Hyperthermia

#### Licensing, permits, legal matters

Able to give examples of any Licensing, Permits and other legal and behavioural laws and requirements that may be required for an activity

#### Instruction

Correctional model and training skills are taught in a method that suits students' learning. Technique is adjusted if required

## Communication

*Group participants: Novice paddlers*

#### Establish and maintain an effective communication system within a group

Participant establishes a safe working system. Maintain group within communication distance. Communication is limited to Verbal, Whistle, Visual.

Communicate in a positive manner within a paddling group to help establish and maintain an enjoyable, safe experience for all group members

Deliver directions in a clear and concise manner

#### Conduct briefing

Brief must include but not limited to:

- Purpose and duration of activity
- Expected conditions
- Lifejacket fitting
- Appropriate clothing worn
- Correct posture
- Setting up the craft
- Launching and landing
- Strokes as required
- Limits
- Actions in the event of an emergency
- On water signals
- Capsize drill
- Warm up
- Group movement requirements
- Communication
- Foreseeable risks
- Participant experience

Brief is clear and concise, attention of the group is gained. Recollection could be tested.

#### Conduct debriefing

A debrief is conducted to suit the activity and group.

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Constructive feedback is provided

#### Instruction

Introduce a program including aims and outcomes, timing and movements.

Demonstrate an understanding of recent developments in equipment and technique.

Show clear and concise communication when delivering a program. This communication is not limited to verbal communication, but is appropriate for the students

#### Experience

##### Minimum log book requirement

In the previous three years:

- Ten Sea trips of a minimum of three hours duration
- Six Sea activities of at least three hours duration as an observer under training or as an assistant Guide
- Six Sea activities of at least three hours duration as lead Guide under observation of qualified Guide
- Six practical instructional activities at Sea of at least three hours duration as an observer under training or as an assistant Instructor
- Six practical instructional activities at Sea of at least three hours duration as lead Instructor under observation of a qualified Instructor
- Two theory sessions as an observer under training or as an assistant Instructor
- Two theory sessions as lead Instructor under observation of a qualified Instructor

#### Leadership

Group participants: Novice paddlers

##### Manage the launching and landing of a group

Launch and land in surf to 1.0m

Launch and landing promotes safety to all involved

##### Manage a group

Group is managed in a safe manner to meet activity goal; assistance and direction given if and when needed.  
Route is managed to promote safety to group

##### Manage multiple capsizes and emergencies

Rescues are managed to promote safety to all in group

##### Manage tows

Roles of the group is determined  
Good communication maintained  
Tows are managed to promote safety to all

##### Lead a course

Lead students in a training course.  
Direct staff and assistants in training course.  
Demonstrate on water leadership in training course.  
Leadership shown is appropriate for group; promotes safety and a good learning environment

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## Assessment Documents

The following documents should be produced and submitted to your Assessor prior to final assessment. Preferred format for Project is PDF.

|                          |   |
|--------------------------|---|
| <b>Project</b>           | <p>Plan a six hour Sea skills training course with a group of eight novices in a location of your choice. The location must fit within the award definition above. The program is to include the following sessions:</p> <ul style="list-style-type: none"><li>• Sea paddling skills</li><li>• Hazard identification and risk management</li><li>• Trip planning</li><li>• Sea kayak equipment</li><li>• Rescues and towing at sea</li><li>• Surf launch, landing and control</li><li>• Navigation</li><li>• Weather interpretation</li></ul> <p>You are the Leader for all aspects of the training course but have an assistant with this qualification.</p> <p>Prepare:</p> <ul style="list-style-type: none"><li>• A basic timetable that covers the sessions listed above, allocating sufficient time and appropriate resources and venue</li><li>• A basic theory (off water) lesson plan from the session list above in point form</li><li>• A basic practical (on water) lesson plan from the session list above in point form</li></ul> |
| <b>Assessment Record</b> | The completed Assessment Record for the award, signed by both Assessor and participant, preferably using the <b>Paddle Ed</b> app   |
| <b>Log book</b>          | A copy of your log book with verified entries supporting the <b>Minimum log book requirement</b> above  |