

RISK ASSESSMENT – O1s

Club: Cambridgeshire Royals Dragon Boat Club, hereon referred to as C.R.	Location: St Neots Marina & Coneygeare Moorings. The stretch of river referred to is from Eaton Socon Lock northward to 100m south of the Little Paxton bridge.
Completed by: Brian Samuel (Manager/Coach), Justin Evans (Coach), Matt Gallon (Coach)	Date completed: April 2018 Date of Review: April 2019
Subject of assessment: Use of an O1 outrigger kayak (more commonly referred to in Dragon Boating as an “O1”) in training and time trials at C.R. on the River Great Ouse. There is no further risk assessment required for using a O1 in a joint training session with a 10 or 20 person DB or trapper. This is an addendum to the recently amended guidelines set down in the British Dragon Boat Racing Association (BDA) Water Safety Policy 2006 including the changes re boat integral buoyancy.	
Means of Risk management – use of RARA model – Reduce, Avoid, Address and/or Remove the risk identified.	

S – Severity (1 = minor damage/injury to single person; 5 = injury to many, death)
 L – Likelihood (1 = extremely unlikely; 5 = very likely)
 R – Risk
 S x L = R

Risk Rating: 1-4 = Trivial 5-9 = Tolerable 10-16 = Moderate 17-25 = Unacceptable

HAZARD	CONSEQUENCE	S	L	R	CONTROLS	S	L	R	WHO RESPONSIBLE
		Before controls				After controls			
O1 training & time trials at C.R. on River Great Ouse, St Neots									
Slips, trips and falls around the marina, especially during wet or cold conditions	Injury or equipment damage Immersion Hypothermia Drowning	4	3	12	All equipment to be clear of walk ways. Briefing of participants.	2	1	2	All paddlers

	Cold water shock Secondary drowning								
Risk of capsize/swamping	Injury or equipment damage Immersion Hypothermia Drowning Cold water shock Secondary drowning	4	3	12	Paddlers pass BDA O1 Basic Competency Test (O1BCT) – assessed by CL2 who is a BDA Paddlesports Leader (PSL). Integral buoyancy in O1s - solid buoyancy or air bags Minimum of paddlers is two - one must be a BDA PSL or BDA Coach who has passed the BDA PSL test. O1 could be accompanied by paddler in another craft i.e. canoe/kayak or Dragon Boat. Max number is 4 to 1 coach/PSL Rescue Boats (if available) Buoyancy Aids (PFAs) mandatory First Aid box & mobile phone in Supervisor's boat	4	2	8	All BDA coaches or PSLs
Inappropriate use of O1	Injury or equipment damage Immersion Hypothermia Drowning Cold water shock Secondary drowning	4	3	12	As above, and No participant to be intoxicated through drink or drugs (recreational or prescription/over the counter)	4	1	4	All paddlers
Collisions with other river users/property	Injury or equipment damage Immersion Hypothermia Drowning Cold water shock Secondary drowning	4	2	8	Paddler passed BDA O1BCT Safety briefing	4	1	4	All paddlers
Inexperience of correct procedures in an emergency	Injury or equipment damage Immersion Hypothermia Drowning Cold water shock Secondary drowning	5	3	15	BDA Water Safety Policy Annex G of BDA WSP Safety briefing First aid kit in Supervisor's boat	5	1	5	All paddlers
Adverse or cold weather conditions arising once the activity has started.	Body Heat loss Hypothermia Drowning Hypothermia	3	3	9	<i>As for 1 above, plus</i> Correct clothing advice. Indoor changing and shower facilities. Extra equipment in boats.	3	2	6	All BDA coaches or PSLs

	Cold water shock Secondary drowning				Air temp below 5c = no deployment White crests on water = no deployment				
Adverse or hot weather conditions arising once the activity has started.	Body over heating Hyperthermia Drowning Cold water shock Secondary drowning	3	2	6	As for 1 above, plus Correct clothing and refreshment advice Shower facilities Extra equipment in boats Air temp above 35c = consider proportionality of deployment to risk Thunderstorms – return when safe to Marina/get off water as soon as practicable.	3	1	3	All BDA coaches or PSLs
Adverse river conditions i.e. flow conditions, debris and flooding	Injury or equipment damage	4	4	16	BDA WSP Local risk assessment and club risk assessment Safety briefing W4 (wind, weather, waves water conditions) Environment Agency Strong Stream warning system Restrictions to training locations (avoidance or weirs, locks and tributaries) EA Strong stream warning and/or moderate to heavy debris = no deployment EA Caution warning and/or moderate debris = restriction to training locations as previous point.	3	2	6	All BDA coaches or PSLs
Low light/fog	Injury or equipment damage	4	2	8	Safety brief BDA WSP Local risk assessment No deployment if visibility less than 60m Night paddling is prohibited as the likelihood of serious injury or death cannot be suitably managed.	4	1	4	All BDA coaches or PSLs
Waterborne Disease Related illnesses.	Leptospirosis Gastric illness Tetanus, polio.	2	2	4	Safety Notices, Crew Briefings, Health & Safety Advice given.	2	1	2	All participants
Medical episodes during training	Injury or equipment damage	5	2	10	Crew briefing First aid trained coaches First aid box in boat Medical declarations prior & post training.	5	1	5	All BDA Coaches and participants