

Task/Operation:	Use of Boat		
Group(s) affected:	DCS RANGERS/WARDENS/PT RANGERS/ VOLUNTEERS		
Person(s) undertaking assessment:	JULIE BENNETT	Date:	19 MARCH 04
Employee(s) consulted:	MICHELLE BRADFORD , DARREN MARTIN		
Union Safety Rep(s) consulted:	Andy Pegg		

Reviews			
Next Review Required	Date actually reviewed	Changes Required? (Yes/No)	Assessor Signature
-	20.10.05	No	RTT
20.10.2006			

Hazard	Resultant effect(s)	Before control			State control measures and person responsible to action each one	After control		
		L	S	R		L	S	R
Risk of injury to inexperienced boat user.	Strains and sprains, cuts and bruises Death by drowning	3	3	9	At least one boat trained personnel (BTP) (Trained to RYA Level 2 Power Boating) to be present when boat is in use, with or without engine. All crew to wear automatic action life jackets and carry throw lines. All crew to be able to swim. BTP responsible	1	2	2
Injury from loading/unloading of boat and unsecured load	Strains and Sprains, Road traffic accident	3	3	9	Loading and securing to be done by trained individuals following correct procedures for loading trailers. All staff to be trained in manual handling and correct lifting procedures followed, and explained to volunteers. First aid kit to be carried. BTP to give instruction.	1	2	2

Working by water ; risk of falling into water from bank side, risk of falling from bank side while launching.	Cuts, bruises, fractures, Drowning, water borne diseases, pollution reactions, or hypothermia	3	3	9	BTP to give instructions for launching procedure. 2 people to lower boat (stern first) into water using suitably long painter and appropriate launching point, preferably a built structure, i.e. jetty. If bank side launch ,site should be clear of trip hazards, avoid steep/slippy banks, water should be sufficiently deep and clear of obstructions, including vegetation to avoid fouling propeller.	1	2	2
Boarding and disembarking, from boat, sudden movements from loading or from movement over water. Loss of control of boat.	Risk of boat capsizing causing Cuts, bruises, fractures, Drowning, Weil's disease, Blue green algae rashes, pollution reactions, or hypothermia. Boat strike	3	3	9	Boat to be securely moored prior to boarding or disembarking. One person to enter boat at a time, under instruction of BTP. Baler carried Observe maximum boat load weight, loading and unloading of equipment should only be carried out while boat secured and whilst stood in stable position. Storage of work equipment should be safe and avoid causing trip hazard. All crew to communicate intended actions. BTP to use dead key to disable engine in event of fall.	2	2	4
Use of petrol outboard motor. <ul style="list-style-type: none"> • Incorrect installation, capsizing boat • Risk of fire • Engine breakdown 	Cuts & bruises from installation of engine. Risk of boat capsizing causing Cuts, bruises, fractures, Weil's disease, Blue green algae rashes, pollution reactions, or hypothermia, Drowning Burns form fire., explosion injuries Risk of being stranded	3	3	9	Installation of engine by trained and competent personnel only All crew to be safe distance from starter cord and boat operator to be in stable position. No smoking on boat In event of fire, all crew to abandon boat. In event of engine breakdown, anchor and paddles to be carried. Means of communication (e.g. mobile phone) to be available on board. Switch off mobile phones whilst refuelling. Refer to COSHH assessment. BTP responsible.	2	2	4
Use of electric outboard motor	Risk of electric shock. Risk of being stranded	1	1	1	BTP only to use, ensure dry hands use insulated handles, observe polarity. Ensure speed selector on tiller is at "0". Ensure regular battery checks and carry paddles	1	1	1

					and anchor.			
Fouling of propeller	Cuts, bruises, weil's disease, electric shock	2	2	4	Avoid areas of dense vegetation or shallow water use paddles to manoeuvre. To clear debris ensure engine is turned off and use gloves. Shear Pin to be to hand. Shear Pin to be changed out of water only. BTP responsible.	1	1	1
Risks to/from other waterway users.	Fishing line injuries, collision with other boats.	2	2	4	Avoid fishing areas, communicate with other users. Observe correct boat manoeuvring procedures and boat code of practice. BTP responsible.	1	2	2
Adverse Weather	Fall from boat in choppy water. Numbness of limbs in cold weather, risk of hypothermia Heat exhaustion, sub burn, dehydration, heat exhaustion	3	3	9	Observe weather conditions prior to use, return to land if weather changes for worse. Wear suitable protection from bad weather and sun, including sun cream and hats. BTP responsible	1	1	1
Overhanging vegetation Branches knocking people into water	Stings, rashes, burns, cuts and scratches to body and eyes, drowning	3	3	9	All crew to wear life jackets, crew to remain seated as much as possible, when manoeuvring near vegetation, steer carefully and slowly. Wear appropriate PPE. Do not use vegetation to manoeuvre boat .	1	1	1
Animal attack	Cuts, biites, stings.	3	2	6	Avoid working near nesting birds, or birds with young. Members of public advised to keep dogs on leads. If swans become aggressive leave the water or move away.	1	1	1