

Risk Assessment Form

Event: _____

Date: _____

Boat Number/Name: _____

Pilots: _____

Risk Level

Person

Property

Risk Level

1=Low

First Aid Only=1

1=Minor Property Damage

1=Low

2=Medium

Repairable Damage=2

2=Repairable Damage

2=Medium

3=High

Emergency Deploy=3

3=Recovery Operation

3=High

4=Extreme

Serious Injury/Death=4

4=Total write-off

4=Extreme

Hazard	Description	Estimated Risk	Likely Impact to		Risk Factor	Team's Risk Mitigation Plan	Final Risk Assessment
			Person	Property			
Equipment Failure	Onboard intercom between pilots fails						
	Engine or drive failure						
	Boat off-plane						
Communications	Failure between pilots						
	Failure between Race Control						
	Failure between race boats						
On-Water Collision	Between boat and a structure						
	Between boat and floating debris						
	Propeller damage						
Boat Damage	With another boat						
	After grounding						
	Hole in the boat						
Capsize	Race boat capsizing						
Person overboard	Competitor ejected or capsized						
Fire	Fire onboard race boat						
Carbon Monoxide	Fumes entering cockpit						
Navigation	Poor navigation						
	Result of rig or equipment failure						
Other Hazards	Adverse weather causing increased danger to competitors, course officials and public						
	Due to heavy weather or fog						
	Heavy or confused seas						
	Bad visibility						
	Shipping Movements						
	Fatigue						

Signature _____

Signature _____

EXAMPLES

Equipment failure	Onboard Communications	2	Hand signals
	1 engine or drive failure	2	Off plane indication/two engines
	2 engine or drive failure	1	Off plane indication/sea anchor
VHF communications	Marine Radio failure	2	Backup/handheld VHF
Navigation Systems	Electronic GPS Failure	1	Handheld Compass/Visual
Collision at sea	With Structure	1	GPS/Visual
	With Debris/Animal	1	Visual
	With Vessel	1	Race Start Sequence/Visual
Boat Damage	Grounding	1	GPS/Visual
	Holed	1	Bilge Pumps/Manual pumps
	Prop Damage	1	Off plane indication if needed
	Stuffing Bow	2	Bilge Pumps/safety gear
Capsize	Race Boat Capsizing	2	Life Raft/Ditch Bag
Man Overboard	Ejection	2	Life Raft/EPIRB/VHF -DSC
Fire	Fire onboard	1	Manual and automatic systems
Crew	Injury/bleeding	1	First Aid Kit
	Outside of cockpit at sea	1	Safety Harness
Poor Visibility	Fog	1	Race Control/GPS/Crew
Vessel Traffic	Large Ship Movement	1	Race Control/Visual/VTS

