

Safety Statement Section 2.

2.1 Risk Assessment

This section outlines the hazard and risk methods used when assessing & calculating the hazards and risks for the various activities. This is a 'live' document and should be continually reviewed and updated in light of new or additional tasks and/or information.

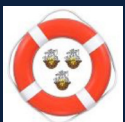
Definitions:

Hazard: A hazard is anything with the potential to cause harm - including human injury or ill health, damage to the environment, damage to equipment and buildings.

Risk: A risk always has two elements, the likelihood that a hazard will cause harm and the severity of the potential harm caused.

Risk Assessment: This is the process of evaluating and ranking the risks to health and safety at work arising from hazards at the workplace. It involves estimating the magnitude of risk and deciding whether the risk is acceptable or whether or more precautions need to be taken to prevent harm.

Control Measures: The basis for ensuring that workplace precautions are provided and maintained. Controls should be appropriate to the hazards and risks involved.



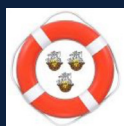
Safety Statement: Risk Assessment

Risk Rating Matrix

Numeric Rating	Likelihood	Severity
1	Very Unlikely	Very minor injuries
2	Unlikely	First aid minor injury/illness
3	Likely	"3 Day" injury/illness
4	Very Likely	Major injury/illness
5	Almost Certain	Permanently disabling injury /illness or fatality

Severity	5	5	10	15	20	25
	4	4	8	12	16	20
	3	3	6	9	12	15
	2	2	4	6	8	10
	1	1	2	3	4	5
		1	2	3	4	5
Likelihood						

Numerical Value (Severity x Likelihood)	Descriptive Risk Rating	Interpretation and/or Action
13-25	High	Immediate Action Required, Activity should be stopped until control measures can be implemented to reduce risk to medium or low.
6-12	Medium	Activity can proceed, but with caution and ensuring control measures are maintained. Risk Assessment must be regularly rechecked and all reasonable efforts should be made to reduce risk rating to low
1-5	Low	Activity can proceed. Control measures must be monitored and reviewed as required to ensure they remain suitable and efficient



Wexford Marine Watch RISK ASSESSMENTS								
Title Risk Assessment			Risk Assessment after application of Control Measures					
Task	Hazard	People affected	Likelihood	Severity	Risk Rating before controls	Risk Rating after controls		
CONTROL MEASURES								
		Responsible Person	Likelihood	Severity				
Travelling to and from Patrols	Road traffic accidents	Volunteers	3	4	Med 12	Med 8		
			<ul style="list-style-type: none"> Allow sufficient time to arrive safely at base from home. All volunteers must comply with all road traffic regulations including speed limits. Ensure you have rested sufficiently before your duty to allow safe yourself to have a safe journey from and to your home. Personnel ensure they are not under the influence of an intoxicant (or medication - dependent on medical advice) 					
			2	4	Volunteers and Supervisors	2	4	Med 8
Access to and around base station at Ferrybank	Poor illumination	Volunteers	3	4	Med 12	Med 6		
	Suitability of footwear		3	4	Med 12	Med 6		
	Slips, trips and falls		3	4	Med 9	Med 6		
	Electric Shock		2	3	Med 6	Med 6		
	Fire		1	5	Med 5	Med 6		
<ul style="list-style-type: none"> Base area sufficiently light up for darkness hours, including emergency lighting backup Observe all local traffic procedures and signage. All personnel ensure to wear appropriate clothing and footwear. Ensure internal and external travel routes around the base are suitably marked and illuminated for traffic and pedestrians. Ensure condition of floors and external surfaces are in a suitable condition. Remove all waste at end of shift and place in appropriate waste bins Any electrical work to be carried out by qualified and certified personnel. Avoid overloading sockets. Working smoke alarms installed. CO2 Fire extinguisher available. 								
			2	3		Med 6		
			2	3		Med 6		
			2	3		Med 6		
			1	3		Med 6		

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						<ul style="list-style-type: none"> Maintain good housekeeping practices Ensure base station is secured and all equipment safely stored after each patrol. 				Low 3
Mounting the patrol vehicles	Slip, trips and falls	Volunteers	3	3	Med 9	<ul style="list-style-type: none"> Vehicle design and continuous maintenance of vehicle Vehicle checks carried out on each duty roster. Report any defects to supervisor for corrective action to be taken Ensure PPE is correctly worn to avoid any entanglements in equipment Keep all vehicle steps clean and free from grit, oil etc 	Volunteers and Supervisors	2	2	Low 4
Patrol in Public areas	Slip, trips and falls	Volunteers	3	3	Med 9	<ul style="list-style-type: none"> Carry out Patrol Briefing before Patrol Starts and discuss any known hazards Be aware of underfoot conditions, in particular on the "wooden works" along the quayfront. Extra caution to be taken on nights when temperatures are near or below freezing. Beware of uneven surfaces Be aware of and exercise caution on steps/stairways on the patrol route. Exercise caution when crossing Railroad Tracks. Vehicle positioning at incident, ensure access to and egress from the vehicle is not compromised. All personnel ensure to wear appropriate clothing 	Volunteers and Supervisors	2	2	Low 4

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						<ul style="list-style-type: none"> and footwear Ropes from Throw-bags or ring buoys should never be physically attached to volunteers' bodies Ropes on the ground must be positioned in front of volunteer deploying the device. Volunteers must not step on ropes. In the event of an incident – reaction should be in a controlled manner under the direction of the supervisor Volunteers are prohibited from accessing fishing vessels and other boats that are berthed along the quays. Volunteers to use hand torches to illuminate poorly lit patrol areas. Carry out Patrol Briefing before Patrol Starts and discuss any known hazards Each volunteer to ensure that all appropriate PPE is worn correctly <ul style="list-style-type: none"> Hi Visibility Vests Flashing Arm Lights Torches Use safe pedestrian walkways/footpaths where possible Before crossing roads, observe oncoming traffic in both directions and only cross the road when it is safe to do so All personnel ensure to wear appropriate clothing 	Volunteers and Supervisors	2	4	Med 8
	Injury due to Road Traffic	Volunteers	3	5	High 15					
	Head Injury	Volunteers	2	4	Med			1	3	Low

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						Risk Rating after controls	
					<ul style="list-style-type: none"> Each patrol has a minimum of two personnel Marine Watch personnel are readily identifiable at all times while on patrol Each volunteer carries torches to sufficiently light up any areas of concern within the patrol routes In the event of threatening behaviour towards a volunteer/s, always retreat from the scene and contact the Gardai when it is safe to do so and as soon as possible Volunteers must not engage with an armed assailant under any circumstances. Retreat to the safety of the patrol vehicle immediately and make contact with Gardai to resolve the situation. Training provided to all volunteers, see training matrices All equipment is serviced regularly and in working order Personal hygiene, if volunteer comes in contact with any contaminated substance or liquid of a biological or chemical nature, medical advice should be sought to ensure correct decontamination protocol. As an initial step ensure washing of hands or affected areas. Volunteers in vehicle should position vehicle in a sufficiently well lit-up area, but at the same time not to impede their visibility of patrol route. Volunteers should lock themselves in vehicle and 	<p>Training Officers Equipment Supervisor Volunteers</p>	

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	Falling into water - possible drowning	Volunteers	3	4	Med 12	<ul style="list-style-type: none"> keep keys in ignition so vehicle can be moved quickly. Any suspicious activity should be reported to the Gardaí. Carry out Patrol Briefing before Patrol Starts and discuss any known hazards Be aware of weather and underfoot conditions in terms of strong winds and icy conditions. All volunteers to wear PFDs (Personal flotation devices) Contact through 999/112 system for Coast Guard and RNLI services Restrict access to risk zone in the event of an incident Use of equipment such as lifebuoys, throw bags and rescue poles to be employed safely Supervision in place to coordinate incident Personal hygiene, ensure any contact with water is dealt with by appropriate washing of hands etc Equipment hygiene, ensure any contaminated equipment is washed or disposed of appropriately Volunteers are prohibited from accessing fishing vessels and other boats that are berthed along the quays. 	Supervisor Volunteers	2	3	Med 6
	Weather Conditions	Volunteers	3	3	Med 9	<ul style="list-style-type: none"> In severe weather situations, patrols may not go ahead, based on RA by management 	Supervisor	2	2	Low 4

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	- Hypo/Hyper thermia					<ul style="list-style-type: none"> • Instruction as to proper attire for carrying out patrols to ensure comfort and safety of volunteers during patrol • Appropriate PPE provided by Marine Watch 	Volunteers			
Driving Marine Watch Vehicles	Could be involved in a road traffic accident.	Volunteers Members of the Public	3	4	Med 12	<ul style="list-style-type: none"> • Only named authorised Volunteers are permitted to drive BMW vehicles. • All drivers must produce a copy of their Driving Licence before being approved to drive. • Drivers must obey all rules of the road, even in an emergency. • Drivers must take into account road and weather conditions before driving off. • Seatbelts must be worn at all times. • Any vehicle defects reported immediately to the Supervisor. • Driver training programme mandatory for all designated drivers. • Vehicles are equipped with suitable fire extinguishers. • Regular vehicle maintenance is undertaken. 	Supervisor Volunteers Equipment Supervisor	2 3	3	Med 6
Casualty Handling and Care	Injury to Casualty due to Incorrect	Casualty	1	4	Low 4	<ul style="list-style-type: none"> • Volunteers are required to practice throwing on a regular basis. • Ringbuoys should not be thrown DIRECTLY at casualty. 	Volunteers	1	2	Low 2

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	Deployment of Ringbuoy										
	Injury to Volunteers while administering First Aid due to contact with Blood or Bodily Fluids	Volunteers	3	4	Med 12	<ul style="list-style-type: none"> Volunteers must use appropriate PPE (disposable gloves) prior to any contact with casualty All volunteers must undergo a First-Aid training course prior to administering aid to a casualty. In case of casualties being aggressive or uncooperative, Gardaí assistance and/or assistance by the Ambulance Service should be sought. Personal hygiene, if volunteer comes in contact with any contaminated substance or liquid of a biological or chemical nature, medical advice should be sought to ensure correct decontamination protocol. As an initial step ensure washing of hands or affected areas. All such incidents shall be recorded by the supervisor and debris carried out where necessary. 	Volunteers	2	3	Med 6	
	Injury to Volunteers while administering First Aid	Volunteers Members of the Public	2	4	Med 8	<ul style="list-style-type: none"> Any Volunteer using the AED machine MUST be trained, qualified and proficient in its use. A minimum of two volunteers must be present, one to operate the machine and one to keep the public clear. 	Volunteers	1	4	Low 4	