RISK ASSESMENT FORM

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| **Topic: On the water** |  |  |  |  | **Serial Number: RYHA 001** |
| **Subject** | **Hazard** | **Affected** | **Consequence** | **Frequency** | **Risk\*** | **Control Measures** |
| Harbour Launch | Slipping, tripping | HM, Assistants,Authorised person, Invited Passenger | Falling overboard 2Injury 2 | 12 | 24 | Appropriate non slip footwear will reduce the risk of slipping.keep deck areas clean and clear of equipment to minimise trip hazards, Decks to be cleaned immediately if diesel is spilt during refueling. Passengers to remain seated whilst launch is underway. Three points of contact to be maintained during egress and access to launch.Harbour staff trained in emergency first aidLife jackets to be worn |
| Falling Overboard | HM, Assistants,Authorised person, Invited Passenger | Drowning 5Hypothermia 5injury 5 | 111 | 555 | Life jacket to be worn at all times whilst afloat, Person in charge of launch to be water confident, Harbour staff trained in emergency first aidLaunch responsible person aware of man overboard procedure and methods of self- rescue. Lone worker man down alarm availableOther harbour user |
| Lone Working  | HM, Assistants,Authorised person, | Drowning 5 Personal attack from member of public 5 Ill health 5 Incident or accident leading to incapacitation 5 | 1111 | 5555 | Staff working hours known so absence would be noticed. Mobile phone available for raising contact for help. Harbour staff trained in emergency first aidLone worker man down alarm availableOther harbour user |
| Entrapment of limbs between boats | HM, Assistants,Authorised person,Harbour user, Launch Passenger | Crushing injury 3 | 2 | 6 | Awareness of hazard, Control speed of approach. Launch user or passenger to be instructed not to place hands on launch gunwale when coming alongside. |
| Routine Maintenance and Regular Safety Checks | HM, Assistants,Authorised person, | Entrapment 3Burns 2Manual Handling. 2Use of Fuel and Greases 2 | 1155 | 3 | Before maintenance on engine, shaft or propellor is undertaken, engine to be stopped and key removed from ignition.Gloves to be worn, engine to be allowed to cool if hot areas to be worked on.Harbour staff to be made aware of manual handling RA of fuel containersCOSHH assessment to be followed for the use of oils and grease.Harbour staff trained in emergency first aid |
| 2 |
| 10 |
| 10 |
| Handling of ropes, chain | HM, Assistants,Authorised person. | Burns 1Cuts 1Injury 1Entrapment 1 | 5555 | 5555 | Awareness of hazard, use of wire rope to be avoided where possible (eye protection, and gloves used when using wire rope if unavoidable)Wear gloves if appropriate when handling dry rope. Follow manual handling RA.Harbour staff trained in emergency first aid |
| Adverse weather  | HM, Assistants,Authorised person. | Hypothermia 3Sun stroke 3Dehydration 1High Winds 1Ice/Snow 1Sea State 1Fog/Mist 1 | 1115252 | 3315252 | Use of appropriate clothing for weather conditions including headwear, Bottled water to be drunk, Hot drink flaskSunscreen to be worn.Launch not to be taken past Misery Point if sea conditions or visibility is adverse. Deck of launch to be cleared of Ice and Snow before use. |
| Moving Vessels/towing  | HM, Assistants,Authorised person,. | Injury 2Damage to vessels 1Capsize of Harbour Launch 5 | 121 | 225 | Operator of launch to be competent to undertake task – assessment of suitability of vessel, conditions and task.Tow rope and bridal condition to be inspected before useHarbour staff trained in emergency first aidWeather and tidal conditions to be assessed prior to movement being undertaken |
| Launch Sinking | HM, Assistants,Authorised person, Invited Passenger | Failure of skin fitting 3Collision with submerged object 3Collision with another vessel 3  | 111 | 333 | Annual inspection, Harbour staff aware of navigable areas as regards tides.Approach other vessels at appropriate speed. Harbour launch users aware of COLREGS. Use of navigation lights in low visibility.Launch not to be used in adverse weather conditions beyond the capability of the vessel |
| Breakdown | HM, Assistants, | Vessel stranded 1 | 2 | 2 | Regular preventative maintenance undertakenDaily checksMobile communication (VHF, phone), Flares. Use of anchor to control drift.Assistance from other harbour users |
| Pontoon Activity | Slipping, tripping | HM, Assistants,Authorised person, Invited Passenger | Falling overboard 1Injury 2 | 11 | 12 | Appropriate non slip footwear will reduce the risk of slipping. Lifejacket to be worn, Harbour staff to be water confident.Boarding ladders to be kept clear and maintained.Harbour staff to regularly inspect pontoon for potential trip and slip hazards.Assistance from other harbour usersHarbour staff trained in emergency first aid |
| Adverse Weather Conditions | HM, Assistants,Authorised person,Harbour user. | High Winds 1Ice/Snow 1Sea State 1 | 523 | 523 | If conditions become adverse, harbour staff to close pontoon access to general public.Lifejacket to be worn on pontoon |
| Handling of ropes, chain | HM, Assistants,Authorised person. | Burns 1 Entrapment 1Cuts 1Injury 1 | 5555 | 5555 | Awareness of hazard, use of wire rope to be avoided where possible (eye protection, gloves used when using wire rope if unavoidable)Wear gloves if appropriate when handling dry rope. Follow manual handling RA.Harbour staff trained in emergency first aid |
| Moving pontoon | HM, Assistants,Authorised person,Harbour user. | Injury 2Damage to vessels 1 | 12 | 22 | Operator skill levels –suitability of vessel, weather and tidal conditions to be undertaken prior to movement.Tow rope and bridal inspected for suitability and condition prior to use. Harbour staff trained in emergency first aid |
| Collection of Harbour Dues | Slipping, trippingMember of Public AggressiveRobbery/Theft | HM, Assistants, | Falling overboard 1Injury 2Injury 2Injury 2  | 1111 | 1222 | Appropriate non slip footwear will reduce the risk of slipping.Awareness of hazardLifejacket to be worn when afloatCheck RYHA employees are water confident.Telephone available to call for assistance. Harbour staff to follow the Authority’s Policy for aggression towards staff and actions to be taken for attempted theft.Harbour staff trained in emergency first aidGoPro available to be used during an incidentOther harbour users |
| Medical Emergency | Any | HM, Assistants,Harbour user. | Injury/medical event 5  | 2 | 10 | First aid kitEmergency First aid training including defibrillator Communication with the shore or emergency servicesHarbour staff to declare medical conditions that could affect workHarbour staff to follow Authority’s emergency policy.Harbour staff trained in emergency first aidOther harbour user |

\*Post application of control measures

Reviewed by

Name: Signature: Date: