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 2  Injury 2 | 1  2 | 2  4 | 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 aid  Life jackets to be worn |
| Falling Overboard | HM, Assistants,  Authorised person, Invited Passenger | Drowning 5  Hypothermia 5  injury 5 | 1  1  1 | 5  5  5 | 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 aid  Launch responsible person aware of man overboard procedure and methods of self- rescue.  Lone worker man down alarm available  Other 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 | 1  1  1  1 | 5  5  5  5 | Staff working hours known so absence would be noticed.  Mobile phone available for raising contact for help.  Harbour staff trained in emergency first aid  Lone worker man down alarm available  Other 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 3  Burns 2  Manual Handling. 2  Use of Fuel and  Greases 2 | 1  1  5  5 | 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 containers  COSHH 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 1  Cuts 1  Injury 1  Entrapment 1 | 5  5  5  5 | 5  5  5  5 | 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 3  Sun stroke 3  Dehydration 1  High Winds 1  Ice/Snow 1  Sea State 1  Fog/Mist 1 | 1  1  1  5  2  5  2 | 3  3  1  5  2  5  2 | Use of appropriate clothing for weather conditions including headwear,  Bottled water to be drunk,  Hot drink flask  Sunscreen 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 2  Damage to vessels 1  Capsize of Harbour Launch 5 | 1  2  1 | 2  2  5 | 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 use  Harbour staff trained in emergency first aid  Weather and tidal conditions to be assessed prior to movement being undertaken |
| Launch Sinking | HM, Assistants,  Authorised person, Invited Passenger | Failure of skin fitting 3  Collision with submerged object 3  Collision with another vessel 3 | 1  1  1 | 3  3  3 | 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 undertaken  Daily checks  Mobile 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 1  Injury 2 | 1  1 | 1  2 | 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 users  Harbour staff trained in emergency first aid |
| Adverse Weather Conditions | HM, Assistants,  Authorised person,  Harbour user. | High Winds 1  Ice/Snow 1  Sea State 1 | 5  2  3 | 5  2  3 | 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 1  Cuts 1  Injury 1 | 5  5  5  5 | 5  5  5  5 | 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 2  Damage to vessels 1 | 1  2 | 2  2 | 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, tripping  Member of Public Aggressive  Robbery/Theft | HM, Assistants, | Falling overboard 1  Injury 2  Injury 2  Injury 2 | 1  1  1  1 | 1  2  2  2 | Appropriate non slip footwear will reduce the risk of slipping.  Awareness of hazard  Lifejacket to be worn when afloat  Check 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 aid  GoPro available to be used during an incident  Other harbour users |
| Medical Emergency | Any | HM, Assistants,  Harbour user. | Injury/medical event 5 | 2 | 10 | First aid kit  Emergency First aid training including defibrillator  Communication with the shore or emergency services  Harbour staff to declare medical conditions that could affect work  Harbour staff to follow Authority’s emergency policy.  Harbour staff trained in emergency first aid  Other harbour user |

\*Post application of control measures

Reviewed by

Name: Signature: Date: