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SOUTH**

## Ocean Youth Trust South

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## Risk Assessment for Sail Training Operations on board "*Prolific*"

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**Declaration:**

**Where no significant risk has been listed, we as assessors have judged that the only risks identified were of an inconsequential nature and therefore do not require a more detailed assessment.**

**Signed** \_\_\_\_\_

For and on behalf of the Board of Trustees

<b>Date</b>	<b>Document updated by:</b>	<b>Document approved by:</b>	<b>Signature:</b>	<b>Next Review:</b>
February 2017	Andy Brown	Mark Todd		March 2018
March 2018	Caz White	Mark Todd		March 2019

# A - EQUIPMENT

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**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0001    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: ANCHOR & WINDLASS

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Injury due to limbs getting trapped by anchors or chain	a) Handling restricted to trained sea staff b) Anchors lashed to prevent accidental movement at sea
2	Accidental deployment when prepping anchor	a) Handling restricted to trained staff b) Staff to ensure anchor is always secured to the vessel through 2 points
3	Injury due to limbs getting trapped in windlass	a) Handling restricted to trained staff b) Brake is left on when not in use
4	Weather & Sea Hazard	a) Skipper to assess prevailing conditions prior to anchor work being conducted on foredeck b) If prepping anchor in heavy seas / at night – staff member to clip on.
5	Injury from flaking chain in anchor locker	a) Crew member must be well briefed and supervised by a member of sea staff b) Staff must have established direct communication with operator of windlass

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3.

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	LIKELY	MODERATE	HIGH
2	V. UNLIKELY	MODERATE	V. LOW
3	UNLIKELY	MODERATE	MEDIUM
4	V. UNLIKELY	MODERATE	V. LOW
5	UNLIKELY	MODERATE	MEDIUM

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	Ensure sea staff are trained and crew are warned of danger on each voyage	At date of job	On going
2			
3	Ensure sea staff are trained and crew are warned of danger on each voyage	At date of job	On going
4			
5	Crew to be briefed prior to operation	At date of job	On going

Additional comments: Anchor handling to be covered in sea staff fam. voyages

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:  Prolific

Record Number:  A0002

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: BATTERIES

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Fumes	Batteries are sealed
2	Burns	Handling of batteries restricted to trained sea staff. PPE (Gloves and goggles) provided.
3	Weather and Sea Hazard	Work on batteries only to be done with skipper's permission given their assessment of prevailing conditions. Work to be done in calm conditions
4		
5		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3.

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	Unlikely	Moderate	Medium
3	V. Unlikely	Moderate	V. Low
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2	Staff member warned of risk of burns and to wear sufficient clothes to protect skin from direct exposure	As of job date	Next review
3			
4			
5			

Additional comments:

Assessment review date:  March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0003    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: BILGE PUMPS

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure – thus reducing the watertight integrity of the vessel	All bilge pumps are regularly serviced and routinely inspected. Spare parts to be carried on board. Additional portable bilge pump also carried.
2		
3		
4		
5		
6		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3.

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Moderate	V. Unlikely	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019

**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0004    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: BUNKS

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Falling out of bunks in harbour or at sea	High-sided bunks
2	Falling while climbing in or out of bunk	All crew briefed on the need to be careful getting in and out of bunks.
3		
4		
5		
6		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3.

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	Unlikely	Moderate	Medium
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2	Fall arrest measures to be implemented in heavy seas.	In bad weather	Next review
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



## DETAILED RISK ASSESSMENT

Vessel name:     Prolific    

Record Number:     A0005    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: COOKER

### Section 1:

#### Hazard Analysis of the Intended Activity

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Explosion	a) All staff and crew are briefed on the risk of gas and proper use of cooker b) Cooker not to be left unattended when on c) Gas isolator to be switched off when cooker use is completed d) Unit certified annually
2	Burning / Scalding	a) Crew briefed and shown safe practices. b) Oilskin trousers can be used to prevent burns while cooking at sea
3	Gas Fumes	a) Galley well ventilated b) Gas alarm fitted
4	Items shifting on cooker while at sea	Fittings available to secure pots and pans over hobs
5		

### Section 2:

#### Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3.

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Extreme	High
2	Unlikely	Moderate	Medium
3	V. Unlikely	Moderate	V. Low
4	Likely	Slight	Low
5			
6			

### Section 3:

#### Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	Sea Staff to supervise / regularly check cooker operation	As of job	Next review
2	Can operation be delayed until vessel in port	As of job	Next review
3			
4			

Additional comments:

Assessment review date:     March 2019

**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0006    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: DEPTH SOUNDER

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure	a) Unit tested annually b) Good seamanship practised and regularly tested as part of sea staff assessments and exercises c) Lead line carried
2	Inaccurate reading	a) unit calibrated annually and tested against lead line periodically throughout season b) vessel position checked using alternative navigation methods
3		
4		
5		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	V. Unlikely	Moderate	V. Low
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:  Prolific

Record Number:  A0007

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: DINGHY (excluding use)

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Damage to tubing or fibreglass	a) Dinghy is regularly serviced and routinely inspected prior to use.
2	Dinghy out of action	a) Dinghy is regularly serviced and inspected. b) Dinghy is not relied on as a primary lifesaving device
3	Weather & Sea Hazard	a) Sea Staff to ensure dinghy is well stowed and secured when at sea
4		
5		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Slight	V. Low
2	V. Unlikely	Slight	V. Low
3	Likely	Slight	Low
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:  March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0008    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: DISTRIBUTION BOARD

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure	Sea staff, in particular skipper, first mate and engineer/bosun, fully briefed on safe working practices. Board is routinely inspected through season
2	Shorting	Staff fully briefed on danger and board is regularly inspected and serviced
3		
4		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Slight	V. Low
2	V. Unlikely	Slight	V. Low
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019

## DETAILED RISK ASSESSMENT

Vessel name: Prolific

Record Number: A0009

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: ELECTRICS

### Section 1:

#### Hazard Analysis of the Intended Activity

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Electrical Fire	a) All crew and staff are briefed on the safe use of electrics b) All electrics are routinely inspected
2	Shorts	a) All electrics are routinely inspected. b) All electrical connections are covered
3	Physical harm due to electric shocks	a) Electrical system is isolated when work is being carried out
4		
5		
6		

### Section 2:

#### Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Extreme	High
2	V. Unlikely	Moderate	V. Low
3	V. Unlikely	Moderate	V. Low
4			
5			
6			

### Section 3:

#### Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	Crew fully briefed on action to take if electrical fire breaks out. Fire drill to occur on every voyage	On commencement of voyage	Next annual review
2			
3			
4			
5			

Additional comments:

Assessment review date:            March 2019



## DETAILED RISK ASSESSMENT

Vessel name:     Prolific    

Record Number:     A0010    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: ENGINE

### Section 1:

#### Hazard Analysis of the Intended Activity

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Engine Failure	a) Engine is regularly inspected to ensure engine is kept in good order. b) Good seamanship is practised with regular drills designed to plan for the event of engine failure while at sea.
2	Injury due to moving parts	a) Access to engine room is restricted to sea staff who are briefed and shown safe practice while in the engine room. b) Access to the engine room while at sea or while engine is running is prohibited unless authorised by skipper after assessment of conditions
3	Fire	a) Staff are briefed of the location of fire flaps and fuel cut-off and their use. b) Engine room fitted with hi-fog fire suppression system c) All staff and crew are briefed on safety procedures in the event of fire
4		

### Section 2:

#### Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Moderate	Medium
2	Unlikely	Moderate	Medium
3	V. Unlikely	Moderate	V. Low
4			
5			
6			

### Section 3:

#### Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	Engine inspected as part of morning daily checks with any deficiencies to be reported to skipper	Daily	Next review
2	Can work be delayed to enable safer means of access	As of job date	New review
3			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0011    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: ENGINE ACCESS DOORS

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Watertight doors left open at sea	a) sign stating door "must be closed when at sea" b) All sea staff briefed on access to engine room
2	Physical harm from door swinging if it has to be opened at sea	a) Sea staff briefed and shown safe working practice b) Door to be clipped back as required
3		
4		
5		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	V. Unlikely	Moderate	V. Low
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0012    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: FIRE EXTINGUISHERS

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Inaccessible either due to being moved or items being placed on top	a) Sea Staff and crew brief on the fire extinguishers at beginning of every voyage. b) Use restricted to trained staff in an emergency c) Crew briefed re importance of ensuring extinguishers are always accessible
2	Accidentally set off resulting in extinguishers being empty in an emergency	Fire extinguishers to be checked as part of weekly checks
3	Failure when required for use	All extinguishers on board are routinely checked and annually certified
4	Damage to hi-fog sprinklers due to misuse	All personnel briefed at start of voyage
5		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	Unlikely	Slight	V.Low
3	V. Unlikely	Moderate	V. Low
4	Unlikely	Slight	V. Low
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0013    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: FLARES

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Inaccessibility when required for use	a) Two sets of flares located in the "Oh Shit Locker" in the chartroom. Accessibility is checked as part of weekly checks. Spares in life rafts on deck.
2	Incorrect use leading to damage to vessel or harm to crew	a) Use is restricted to sea staff who are briefed and have been shown the safe practice for the use of flares b) Use to be authorised by the skipper c) Glove and goggles provided in flare box
3	Damage due to inappropriate storage	a) Flares stored in watertight containers
4	Failure to deploy properly	a) Flares routinely inspected and within date

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	V. Unlikely	Extreme	High
3	V. Unlikely	Moderate	V. Low
4	V. Unlikely	Slight	V. Low
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2	Staff encouraged to review type and deployment mechanism of flares throughout season	On going	On going
3			
4			

Additional comments:

Assessment review date:     March 2019

**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0014    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: FRIDGE / FREEZER

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Damage to freezers/food due to poor storage	a) Sea staff to review all food that goes into the fridge/freezer. b) Storage reviewed before setting to sea.
2		
3		
4		
5		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Slight	V. Low
2			
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019

**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0015    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: GAS LOCKER

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Damage and explosion risk from gas bottles moving while at sea	a) Gas bottles are secured at all times and locker is regularly inspected b) Access to the gas locker is restricted to sea staff who have been briefed on safe use only
2	Injury when moving bottles into and out of locker	a) Movement of bottles restricted to briefed sea staff. b) Use of multiple staff members and halyards if necessary when moving bottles.
3		
4		
5		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Extreme	High
2	Unlikely	Slight	V. Low
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	All staff and crew to be briefed on dangers of gas	Each voyage	On going
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019

## DETAILED RISK ASSESSMENT

Vessel name:     Prolific    

Record Number:     A0016    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: GENERATOR

### Section 1:

#### Hazard Analysis of the Intended Activity

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Generator Failure	a) Generator is regularly inspected to ensure it is kept in good order. b) All staff and crew are briefed on the importance of conserving battery power. c) Engine and domestic batteries are separate
2	Injury due to moving parts	a) Access to engine room is restricted to sea staff who are briefed and shown safe practice while in the engine room. b) Access to the engine room while at sea or while generator is running is prohibited unless authorised by skipper after assessment of conditions
3	Fire	a) Staff are briefed of the location of fire flaps and fuel cut-offs and their use. b) Engine room fitted with hi-fog fire suppression system c) All staff and crew are briefed on safety procedures in the event of fire

### Section 2:

#### Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Slight	Medium
2	Unlikely	Moderate	Medium
3	V. Unlikely	Moderate	V. Low
4			
5			
6			

### Section 3:

#### Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2	Can work be delayed to enable safer means of access	As of job date	New review
3			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0017    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: GPS

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure of GPS system	a) Routinely serviced and inspected. b) Multiple GPS's are carried on board c) Good seamanship is routinely practised
2	Inaccuracy	a) Through good seamanship additional forms of position plotting are used to check GPS reading. b) Sea staff are briefed and shown safe working practice
3		
4		
5		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	V. Unlikely	Slight	V. Low
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019

**DETAILED RISK ASSESSMENT**

Vessel name:  Prolific

Record Number:  A0018

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: HARNESSES

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Material failure leading to Man overboard	a) Routinely inspected for signs of wear and tear. This would lead to the removal of this harness from service b) Harnesses are tested annually
2	Incorrect use	a) All crew members fully briefed on the dangers of incorrect use and are shown safe practice before setting to sea. b) Sea staff continually monitor use
3		
4		
5		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Extreme	High
2	Unlikely	Moderate	Medium
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	Staff briefed to monitor for signs of wear and tear	On going	On going
2	Skipper to adapt planed voyage to crew requirements to allow adequate time to use harnesses correctly	Individual voyage basis	On going

Additional comments:

Assessment review date:  March 2019

## DETAILED RISK ASSESSMENT

Vessel name:     Prolific    

Record Number:     A0019    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: HATCHES & WATERTIGHT DOORS

### Section 1:

#### Hazard Analysis of the Intended Activity

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Material failure of hatches leading to reduction in watertight integrity of vessel	a) Hatches and watertight doors are routinely inspected for signs of wear and tear. b) Annually inspected by surveyor
2	Incorrect use	a) All hatches and watertight doors have attached signs stating they shall remain closed while at sea b) Staff and crew are briefed and shown safe working practices. c) Use continually monitored
3	Injury due to falling through hatches that are open	a) Hatches not to be opened if work is underway above unless all are fully briefed b) Hatches should not be fully open unless area cordoned off. c) Whaleback door to be secure at sea
4		

### Section 2:

#### Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	Likely	Slight	Low
3	Unlikely	Moderate	Medium
4			
5			
6			

### Section 3:

#### Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3	Hatches not to be opened at sea and all crew briefed about open hatches while in harbour	On going	On going
4			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0020    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: HEATER

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Risk of fire due to unsafe use or poor maintenance	a) Use is restricted to sea staff who are briefed and shown safe working practice b) Heater is routinely serviced and inspected and will be put out of use if any faults are found. c) FM2000 fire suppression system located in pump house
2		
3		
4		
5		
6		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019





**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0021    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: INMARSAT-C

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure resulting in the inability to send a distress message	a) Inmarsat device is routinely inspected and connections checked b) Inmarsat comprises only one of a number of different devices on board to send a distress message. c) Good seamanship practised at all times
2	Incorrect use resulting in accidental distress message being sent	a) Use restricted to Skippers and First mates who are briefed and shown safe practice.
3		
4		
5		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Slight	V. Low
2	V. Unlikely	Slight	V. Low
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0022    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: JACKSTAYS

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Material failure of webbing or lashings whilst in use	a) Routinely inspected for wear and tear
2		
3		
4		
5		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	Unlikely	Slight	V. Low
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0023    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: PUMP HOUSE LOCKER LID

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Locker lid closing accidentally whilst in use resulting in physical harm	a) Locker lid to be lashed back when open b) Locker only used under sea staff supervision with particular care taken while at sea
2		
3		
4		
5		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Moderate	Medium
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	Skipper/First mate to make further assessment of prevailing conditions prior to lockers being opened at sea	Prior to action	On going
2			
3			
4			

Additional comments:

Assessment review date:     March 2019

## DETAILED RISK ASSESSMENT

Vessel name: Prolific

Record Number: A0024

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: LIFEJACKETS

### Section 1:

#### Hazard Analysis of the Intended Activity

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Material failure resulting in lifejacket not inflating when required	a) Lifejackets are routinely inspected, including an inflation test once a month. b) A log is kept of all sign of wear and tear, which is to be reviewed by the skipper c) Only certified personnel are authorised to repack lifejackets d) Sufficient lifejacket spares to be kept on board
2	Incorrect use leading to lifejacket not fitting correctly when inflated	a) All crew to be briefed on safe practice prior to setting to sea. b) Safe practice is continually monitored by sea staff throughout voyage
3	Damage due to incorrect use / storage	a) All crew briefed on correct location to store lifejacket when not in use. b) Sea staff continually monitor safe practice throughout voyage
4		

### Section 2:

#### Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Extreme	High
2	Unlikely	Moderate	Medium
3	Likely	Slight	Low
4			
5			
6			

### Section 3:

#### Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	All staff and crew are encouraged to report any additional signs of wear and tear to the bosun throughout the voyage	Every voyage	On going
2	Correct use and importance of lifejackets to be highlighted in safety briefing at start of every voyage	Every voyage	On going
3			

Additional comments:

Assessment review date:            March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0025    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: LIFERAFTS

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Material Failure resulting in liferaft not inflating	a) All liferafts are annually certified and routinely inspected b) Three liferafts are carried on board, any two of which between them have the capacity to carry the full ship's company
2	Incorrect use of liferaft, including damage to liferaft while launching	a) All sea staff are briefed and shown safe working practice for the launching of the liferafts b) Crew are advised of liferaft functionality during safety briefing
3		
4		
5		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	V. Unlikely	Moderate	V. Low
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0026    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: LOG

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure when required for navigation	a) Log unit tested annually and calibrated annually. b) Good seamanship practised at all times c) Walker log carried on board
2		
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Slight	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:  Prolific

Record Number:  A0027

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: MEDICAL KIT

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure to maintain adequate quantities of in-date medical supplies	a) It is the role and responsibility of the staff skipper to maintain the medical kit for the season
2	Improper use of medical supplies endangering crew and staff	a) Medical kit is only to be administered by qualified members of sea staff. At least one member of staff on board will hold the "MCA Proficiency in Medical Care On Board Ship" certificate (this is mandatory for the staff skipper and staff engineer). b) Second mates and above must, as a minimum, have an in-date RYA First Aid Certificate. c) Details of use of medical supplies to be recorded in the log and medical book for future reference
3	Theft of Medical Supplies	Stored in aft section of the vessel under lock and key.

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Slight	V. Low
2	V. Unlikely	Moderate	V. Low
3	V. Unlikely	Moderate	V. Low
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:  March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0028    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: OUTBOARD

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure while in use	a) Outboard is routinely inspected and serviced b) Spare oars and dinghy grab-box (including flares) to be carried at all times
2	Improper use of outboard	a) Use restricted to sea staff who are briefed on safe working practice b) Sea staff driving dinghy with outboard to hold RYA Powerboat Level 2 or equivalent
3		
4		
5		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

  

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Slight	V. Low
2	V. Unlikely	Moderate	V. Low
3			
4			
5			
6			

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019





**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0029    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: OUTBOARD FUEL & SPARE DIESEL

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Fire risk due to flammable material	a) Spare diesel stored in the gas locker; outboard fuel stored either in the gas locker or in the dinghy. b) Sea staff and crew to be briefed on the location of the fuel and the subsequent fire risk. c) Sea staff to continually monitor and enforce a "no smoking near the gas locker" rule
2		
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019

**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0030    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: PROPSHAFT

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Injury to personnel through contact with the propshaft while in use	a) Access to the engine room and propshaft compartment while in use is restricted to sea staff only and only under the authorisation of the skipper
2	Failure of propshaft	a) Engine room and propshaft compartment routinely inspected. b) Good seamanship is practised at all times
3		
4		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	Unlikely	Moderate	Medium
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2	Sea staff to regularly practice and be assessed on manoeuvres under sail	When practical	On going
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0031    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: RADAR

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure when required for navigation	a) Radar equipment is routinely checked and tested prior to use. b) Good seamanship is regularly practised
2	Navigational error due to incorrect use	a) Skippers and First mates are briefed and shown safe working practices. b) Alternative methods are available to assist with navigation
3		
4		
5		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Slight	V. Low
2	V. Unlikely	Moderate	V. Low
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
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4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0032    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: RIG

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Rig Failure	a) Rig is regularly inspected by the staff skipper, staff engineer or suitably qualified member of sea staff nominated by the skipper. b) Hydraulic bolt croppers are carried for use in the event of rig failure c) Good seamanship to be practised at all times
2		
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
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Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0033    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: SART

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure resulting in inability to transmit a distress signal when required	a) SART is routinely inspected b) SART comprises only one of a number of different devices on board to send a distress message. c) Good seamanship practised at all times
2	Incorrect use resulting in accidental distress message being sent	a) Use restricted to Skippers and First mates who are briefed and shown safe practice.
3		
4		
5		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Slight	V. Low
2	V. Unlikely	Slight	V. Low
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0034    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: SEACOCKS / HULL FITTINGS

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure of hull fittings resulting in water ingress to vessel	a) All hull fittings are routinely inspected by the staff skipper or staff engineer, or a suitably-qualified member of staff. b) All hull fittings have bungs attached that can be used in the event of a seacock failure.
2		
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0035    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: SSB RADIO

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure of unit whilst on blue water passage	a) Unit is tested annually prior to each sailing season b) Unit is retested prior to blue water sailing c) Inmarsat is available as an alternative for notification of distress on blue water sailing d) Alternative means of communication carried
2		
3		
4		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Slight	V. Low
2			
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0036    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: STEERING GEAR

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure resulting in loss of steering	a) Steering gear routinely serviced and inspected by staff skipper or staff engineer / bosun. b) Emergency tiller is carried and sea staff are briefed on its use c) Good seamanship is practised at all times
2		
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	Moderate
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
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Additional comments:

Assessment review date:     March 2019





**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0037    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: VHF HANDHELD

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure leading to communications difficulties	a) Unit is routinely checked throughout season b) Alternative means of communication is carried
2	Improper use of VHF equipment	a) Unit to be used by or under the supervision of a member of sea staff who holds a Short Range radio licence
3		
4		
5		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Slight	V. Low
2	Unlikely	Slight	V. Low
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
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4			
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6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0038    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: VHF RADIO

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure leading to communications difficulties	a) Unit is routinely checked throughout season b) Alternative means of communication is carried
2	Improper use of VHF equipment	a) Unit to be used by or under the supervision of a member of sea staff who holds a Short Range radio licence
3		
4		
5		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Slight	V. Low
2	Unlikely	Slight	V. Low
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
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Additional comments:

Assessment review date:     March 2019

**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     A0039    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: WINCHES, JAMMERS & CONSTRUCTORS

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Failure of winches resulting in material damage or physical harm	a) Winches, jammers and constrictors are routinely serviced and inspected throughout season. b) Winches and jammers are serviced by briefed sea staff
2	Physical harm as a result of incorrect use	a) All sea staff and crew are briefed and shown safe practice. A winch/jammer drill is to be conducted on every voyage b) Winches are always to be used under sea staff supervision
3		
4		
5		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	Unlikely	Moderate	Medium
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2	Sea staff to assess the prevailing conditions prior to use by crew	Prior to each use	On going
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019

## DETAILED RISK ASSESSMENT

Vessel name:     Prolific    

Record Number:     A0040    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: PUMP HOUSE ENGINE

### Section 1:

#### Hazard Analysis of the Intended Activity

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Engine Failure	a) Engine is regularly inspected to ensure engine is kept in good order. b) Good seamanship is practised with regular drills designed to plan for the event of engine failure while at sea.
2	Injury due to moving parts	a) Access to pump house is restricted to sea staff who are briefed and shown safe practice while in the engine room. b) Access to the pump house while at sea or while engine is running is prohibited unless authorised by skipper after assessment of conditions
3	Fire	a) Engine room fitted with FM2000 fire suppression system b) All staff and crew are briefed on safety procedures in the event of fire
4		

### Section 2:

#### Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

5. Select the expression for likelihood which most applies to the hazard;
6. Select the expression for severity of harm which most applies to the hazard;
7. Cross reference using the Risk Estimator table (left) to determine the level of risk;
8. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Moderate	Medium
2	Unlikely	Moderate	Medium
3	V. Unlikely	Moderate	V. Low
4			
5			
6			

### Section 3:

#### Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	Engine inspected regularly with any deficiencies to be reported to skipper	Daily	Next review
2	Can work be delayed to enable safer means of access	As of job date	New review
3			

Additional comments:

Assessment review date:     March 2019

# B - OPERATIONS

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**DETAILED RISK ASSESSMENT**

Vessel name:  Prolific

Record Number:  B0001

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: ANCHORING

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1		SEE ENTRY A0001
2		
3		
4		
5		
6		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1			
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments: SEE ENTRY A0001

Assessment review date:  March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     B0002    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: COMPANIONWAYS / LADDERS

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Physical harm as a result of improper use.	a) All crew and sea staff are briefed and shown safe working practise b) Forms part of initial skipper's briefing
2		
3		
4		
5		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Moderate	Medium
2			
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	Sea Staff to monitor use throughout voyage and further brief crew if safe practise is not being followed	On going	February 2017
2			
3			
4			

Additional comments:

Assessment review date:     March 2019

## DETAILED RISK ASSESSMENT

Vessel name: Prolific

Record Number: B0003

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: COOKING

### Section 1:

#### Hazard Analysis of the Intended Activity

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Fire to break out in the galley as a result of cooking activity	a) All on board are briefed and shown safe practice b) Cooking to be supervised by the sea staff
2	Burns causing physical harm	a) All on board briefed and shown safe practice. b) Skipper and First Mate to adjust menu plan to prevailing conditions to reduce risk while cooking
3	Food poisoning	a) All briefed and shown safe practises for food hygiene b) All paid staff and most volunteers hold food hygiene certificate
4		
5		

### Section 2:

#### Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	Unlikely	Slight	V. Low
3	Unlikely	Moderate	Medium
4			
5			
6			

### Section 3:

#### Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3	Expand number of staff onboard that have food hygiene certificates	Feb 2017	Feb 2017
4			
5			
6			

Additional comments:

Assessment review date: March 2019





**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     B0004    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: DECK SUPERVISION

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Sea Staff failure to carry out watch leading duties to OYT standing orders	All sea staff are trained, assessed and continually monitored throughout voyage
2		
3		
4		
5		
6		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2			
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     B0005    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: FILLING WITH DIESEL

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Incorrectly filling leading to contamination or damage to deck/engine	a) Activity restricted to sea staff who are briefed and shown safe working practise. b) The filling of diesel to be done under the authority of the staff engineer and/or skipper
2	Spill to sea	a) Tanks are checked using gauges and quantities to take on board determined prior to loading. b) Any spill to sea to be reported to the staff skipper who will inform the necessary authorities
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	V. Unlikely	Moderate	V. Low
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     B0006    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: FILLING WITH WATER

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Operation done incorrectly leading to contamination or failure to comply with engineer / skipper instructions	Operation restricted to sea staff who are briefed and shown safe working practice
2		
3		
4		
5		
6		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Slight	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:  Prolific

Record Number:  B0007

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: GETTING ON / OFF BOAT

See also B0017

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Physical harm as a result of incorrect use of ladder or gangway	a) All are briefed and shown safe working practice on joining vessel.
2	Man overboard between vessel and shore	a) All briefed on safe location to get on/off vessel while in harbour. b) MOB recovery equipment available on deck
3		
4		
5		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Moderate	Medium
2	V. Unlikely	Moderate	V. Low
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	Staff to monitor the actions of crew and intervene if there is failure to follow procedures	On going	February 2017
2			
3			
4			

Additional comments:

Assessment review date:  March 2019

**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     B0008    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: LAUNCHING DINGHY

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Operational failure leading to physical harm or damage to dinghy	a) All briefed before commencing operation b) Operation done under supervision of sea staff c) Skipper to review prevailing conditions before authorising operation
2	Personnel falling in to water when boarding dinghy	a) All briefed before commencing operation b) Operation done under supervision of sea staff c) Skipper to review prevailing conditions before authorising operation d) Lifejackets to be worn
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:            March 2019           

**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     B0009    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: LAUNCHING LIFERAFT

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Physical harm or damage to liferafts during launching procedure	a) Operation restricted to sea staff who have been fully briefed on safe practice b) Operation only to be undertaken on the authorisation of the skipper
2		
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:          March 2019         



**DETAILED RISK ASSESSMENT**

Vessel name:  Prolific

Record Number:  B0010

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: MOVING AROUND THE VESSEL

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Physical harm or man overboard resulting from moving around deck in an unsafe manner	a) All are briefed and shown safe practice b) Crew movement is continually monitored by sea staff c) All are informed of the standing orders regarding clipping on
2		
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Moderate	Medium
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	A deck walk is a standard part of initial voyage briefing to demonstrate safe practise at a preliminary stage	Each voyage	On going
2			
3			
4			

Additional comments:

Assessment review date:  March 2019

**DETAILED RISK ASSESSMENT**



Vessel name:  Prolific

Record Number:  B0011

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: RAISING / LOWERING SAILS

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Physical harm as a result of incorrect use of equipment required to complete this activity	a) All crew and sea staff are briefed and shown safe practice b) Safe practice is continually monitored throughout voyage
2	Physical harm due to the weather conditions activity takes place in	a) Skipper and first mate continually monitor conditions to ensure where possible that sail handling occurs before weather conditions deteriorate.
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Moderate	Medium
2	V. Unlikely	Moderate	V. Low
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	A second staff member to supervise sail handling from cockpit	On going	On going
2			
3			
4			

Additional comments: All sea-staff assessed on their management of a watch through various sail-handling exercises

Assessment review date:  March 2019

**DETAILED RISK ASSESSMENT**







Vessel name:     Prolific    

Record Number:     B0012    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: RIG CHECK

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Physical harm due to failure of halyard that is being used to climb	a) A second, safety, halyard to be connected at all times
2	Physical harm to personnel on deck due to falling objects	a) Deck work restricted to sea staff who have been fully briefed and are wearing hard hats. b) Tools taken with climber to be secured in a climbing bag
3	Physical harm due to unsafe climbing practice	a) To be conducted by staff skipper or engineer or other approved member of sea staff using the appropriate safety equipment.
4		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2	V. Unlikely	Moderate	V. Low
3	V. Unlikely	Moderate	V. Low
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019    

**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     B0013    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: SLIPPING / BERTHING

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Physical harm from mooring lines, roving fenders or hands trapped in cleats	a) All briefed and shown safe working practice b) Operation supervised by sea staff at all times
2	Damage to vessel due to contact while berthing/slipping	a) All berthing / slipping plans to be reviewed with the skipper taking into account prevailing conditions. b) Sea staff and crew then fully briefed
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Moderate	Medium
2	Unlikely	Slight	V. Low
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1	Skipper to make assessment of plans given the prevailing conditions at the time of the operation	On going	On going
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:           March 2019          

**DETAILED RISK ASSESSMENT**



Vessel name:     Prolific    

Record Number:     B0014    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: STOWAGE

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Physical harm due to object displacement at sea	a) All briefed and shown safe practice b) Engineer / bosun to check stowage prior to setting to sea
2	Stability reduced due to ballast shifting at sea	a) Engineer / bosun to check stowage prior to setting to sea. b) Stowage is re-checked if vessel proceeds through adverse weather
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Slight	V. Low
2	V. Unlikely	Moderate	V. Low
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
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Additional comments:

Assessment review date:     March 2019    



**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     B0015    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: DECK OPERATIONS WHILE AT ANCHOR

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Man overboard while at anchor	a) Vessel to stream fenders and lower dinghy as part of standing orders while at anchor b) All to be briefed on activities being undertaken while at anchor. c) Activities to be organised so as not to present undue risk to participants
2		
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Slight	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
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6			

Additional comments:

Assessment review date:     March 2019    



**DETAILED RISK ASSESSMENT**

Vessel name:  Prolific

Record Number:  B0016

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: WORKING ON THE BOWSPRIT

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Man overboard or injury while working on the bowsprit (including climbing on and off)	a) All to be briefed on activities being undertaken b) Activities to be organised so as not to involve undue risk to participants c) All participants to wear correct PPE and be clipped on at all times. d) Activities to be supervised by personnel approved by the Skipper e) Consider sail plan and vessel aspect to the wind. f) Consideration of safe working load for maximum no. of personnel on the bowsprit g) Good communication to be established and helm to be supervised h) Regular maintenance.
2		



**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Slight	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
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5			

Additional comments:

Assessment review date:  March 2019



**DETAILED RISK ASSESSMENT**

Vessel name:  Prolific

Record Number:  B0017

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: GANGWAY OPERATIONS  
NB. Also refer to B007

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Slips, Trips, Falls, Man overboard or injury while deploying or using the gangway	a) Personnel to be briefed on activities being undertaken b) Gangway to be installed, used and removed so as not to involve undue risk to participants c) All participants to wear lifejackets during installation and recovery. d) Activities to be supervised by personnel approved by the Skipper e) Consider safe manual handling of baggage and equipment. f) Consideration of safe working load for maximum number of personnel on the gangway g) Regular maintenance.
2		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	Unlikely	Slight	V. Low
2			
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
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Additional comments:

Assessment review date:  March 2019

# C - INCIDENTS

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**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     C0001    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: ABANDON SHIP

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Physical harm due to activity not being conducted in a safe manner	a) All briefed and shown safe practice b) Operation to be supervised by sea staff c) Operation only to take place under the express instruction of the skipper
2		
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
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Additional comments:

Assessment review date:     March 2019





**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     C0002    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: FIRE

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Physical harm due to failure to deal with fire	a) All briefed and shown safe practice including fire drill b) Response to fire to be supervised by sea staff
2		
3		
4		

**Section 2:**

Assessment of Risk Factor

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

- To assess the risk factor arising from the hazard:
1. Select the expression for likelihood which most applies to the hazard;
  2. Select the expression for severity of harm which most applies to the hazard;
  3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
  4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2			
3			
4			
5			
6			

**Section 3:**

Additional Control Measures to Reduce the Risk of Harm

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
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Additional comments:

Assessment review date:     March 2019

**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     C0003    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: MAN OVERBOARD

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Physical harm as a result of inadequate response to a man overboard	a) All briefed and shown safe practice, including a man overboard drill b) Response to be initialised and supervised by sea staff
2		
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
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Additional comments:

Assessment review date:     March 2019

**DETAILED RISK ASSESSMENT**

Vessel name:     Prolific    

Record Number:     C0004    

Current assessment date: March 2018      Last assessment date: February 2017

Activity being assessed: MEDICAL

**Section 1:**

**Hazard Analysis of the Intended Activity**

Hazard no.	Description of Identified Hazard	Existing control measures to protect personnel from harm
1	Physical harm due to inadequate handling of a medical emergency	a) At least one member of sea staff is to have the qualification MCA Proficiency in Medical Care On Board Ship b) Medical equipment to be carried on board c) Radio medical advice is available via radio or inmarsat
2		
3		
4		

**Section 2:**

**Assessment of Risk Factor**

Likelihood of Harm	Severity of Harm		
	Slight Harm	Moderate Harm	Extreme Harm
Very Unlikely	VERY LOW RISK	VERY LOW RISK	HIGH RISK
Unlikely	VERY LOW RISK	MEDIUM RISK	VERY HIGH RISK
Likely	LOW RISK	HIGH RISK	VERY HIGH RISK
Very Likely	LOW RISK	VERY HIGH RISK	VERY HIGH RISK

To assess the risk factor arising from the hazard:

1. Select the expression for likelihood which most applies to the hazard;
2. Select the expression for severity of harm which most applies to the hazard;
3. Cross reference using the Risk Estimator table (left) to determine the level of risk;
4. If the risk Factor is MEDIUM or above (yellow, orange or red) additional control measures should be implemented and recorded in section 3

Hazard no.	Likelihood of Harm	Severity of Harm	Risk Factor
1	V. Unlikely	Moderate	V. Low
2			
3			
4			
5			
6			

**Section 3:**

**Additional Control Measures to Reduce the Risk of Harm**

Hazard no.	Further Risk Control Measures	Remedial Action Date	Review Date
1			
2			
3			
4			
5			
6			

Additional comments:

Assessment review date:     March 2019