PROJECT: Lifting members’ boats from the hard into the water

DATE: To be determined

NUMBER OF BOATS: Various

SITE(S): Trinity Quay, Solva harbour

Sand Quay, Solva

Foreshore, Solva Harbour

1. INTRODUCTION:

The lift will be carried out using a crane hired under the terms of a Standard CPA Crane Hire Contract. This document describes the procedures to be followed to ensure that the operation is safe, practical and expeditious

2. PRELIMINARY ACTIVITIES

• Prior to hiring the crane, the owner will be given full details of the lifting site(s) and ground condition(s), together with details of the maximum size and weight of the boats to be lifted, to ensure that an appropriate choice of crane is made for the operation

• At the time of hiring the crane a copy of this Method Statement and Risk Assessment will be supplied to the crane owner

• The Appointed Person will review statutory test certificates for the crane, lifting tackle identification sheets and all relevant licences before lifting commences

3. ITEMS TO BE LIFTED

Boats having a maximum length of approximately 10 metres, some of which will be lifted with the masts stepped and rigged. Maximum weight of lift is to be advised

4. CRANE SPECIFICATION

To be recommended by the crane owner prior to hire

5. RIGGING PROCEDURE
• The crane will arrive on site and manoeuvre itself into the allocated lifting area

• The lifting area will be secured from the general public and kept clear throughout the operation

• A secure zone will be set up outside the lifting area for owners of boats or their representatives, and they will only be allowed near their respective boat when the area is deemed to be safe by the Appointed Person

• The crane will extend the outriggers to the required extension and make final adjustments to its position

• Outrigger mats will be positioned, the rams will be lowered and the crane will be levelled

• The main boom will be raised to the operating position and extended to the required length

• The crane will be checked to ensure that the S.L.I. is correctly programmed and that all safety devices and limit switches are operating correctly

• The lifting tackle will be attached to the crane hook to make the crane ready for work

6. LIFTING TACKLE

Normally to be a combination of two webbing slings and one four-part chain sling, subject to the recommendation and approval of the crane owner.

7. LIFTING PROCEDURE

• The webbing slings will be passed under the boat and positioned equidistant from the longitudinal centre of gravity and clear of any obstructions on the underwater surface of the hull.

• With the chain sling attached to the hook block, the boom will be slewed over the longitudinal centre of gravity of the boat

• The chains will be attached to the webbing slings, checked for security, and aligned

• Hand lines will be attached to the boat fore and aft

• All personnel will disembark from the boat – man-riding will not be permitted
• The boat will be hoisted clear of all obstructions

• The crane will be instructed to slew towards the quayside as required

• Once the boat is clear of the quayside it will be lowered as requested

• Once afloat, the boat will be secured with the hand lines.

• Slingers will embark to release the webbing slings from the chains on the far side and allow them to fall into the water

• The crane will then be instructed to hoist the boat slings out of the water and slew away from the boat

• If a further lift is to be carried out without re-positioning the crane, the webbing slings will be removed from the chain slings to enable the lifting procedure to be repeated.

• If re-positioning of the crane is required, the crane will be de-rigged, re-positioned, and re-rigged in accordance with the rigging procedure.

• When all lifts are completed, the crane will finally be de-rigged

• The Appointed Person will provide the driver with a signature of completion prior to the crane leaving site

8. APPOINTED PERSON

• All lifts will be carried out under the supervision of a fully-qualified Appointed Person provided by Solva Boat Owners Association

• Communication between the Appointed Person and the crane operator will be made by recognised hand signals. The crane operator will be advised not to accept instructions from any other person except in cases of emergency,

• No lifts will take place unless the Appointed Person is in attendance

9. HEALTH and SAFETY OFFICER

A Health and Safety Officer will be appointed by the SBOA to ensure that the lifting area is secure at all times, and that any ingress and egress will be controlled and diverted where possible

10. SLINGERS
11. PERSONAL PROTECTIVE EQUIPMENT

The following PPE will be worn by the Appointed Person and slingers at all times:

- Hard Hat
- Steel toe-capped safety shoes or boots
- High-visibility vest
- Protective gloves

SOLVA BOAT OWNERS ASSOCIATION

‘LIFT-OUT’ METHOD STATEMENT

PROJECT: Lifting members’ boats from the water onto the hard
DATE: To be determined
NUMBER OF BOATS: Various
SITE(S): Trinity Quay, Solva harbour
Sand Quay, Solva
Foreshore, Solva Harbour

1. INTRODUCTION:

The lift will be carried out using a crane hired under the terms of a Standard CPA Crane Hire Contract. This document describes the procedures to be followed to ensure that the operation is safe, practical and expeditious.

2. PRELIMINARY ACTIVITIES

- Prior to hiring the crane, the owner will be given full details of the lifting site(s) and ground condition(s), together with details of the maximum size and weight of the boats to be lifted, to ensure that an appropriate choice of crane is made for the operation.
- At the time of hiring the crane a copy of this Method Statement and Risk Assessment will be supplied to the crane owner.
- The Appointed Person will review statutory test certificates for the crane, lifting tackle identification sheets and all relevant licences before lifting commences.

3. ITEMS TO BE LIFTED
Boats having a maximum length of approximately 10 metres, some of which will be lifted with the masts stepped and rigged. Maximum weight of lift is to be advised.

4. CRANE SPECIFICATION

To be recommended by the crane owner prior to hire

5. RIGGING PROCEDURE

- The crane will arrive on site and manoeuvre itself into the allocated lifting area
- The lifting area will be secured from the general public and kept clear throughout the operation
- A secure zone will be set up outside the lifting area for owners of boats or their representatives, and they will only be allowed near their respective boat when the area is deemed to be safe by the Appointed Person
- The crane will extend the outriggers to the required extension and make final adjustments to its position
- Outrigger mats will be positioned, the rams will be lowered and the crane will be levelled
- The main boom will be raised to the operating position and extended to the required length
- The crane will be checked to ensure that the S.L.I. is correctly programmed and that all safety devices and limit switches are operating correctly
- The lifting tackle will be attached to the crane hook to make the crane ready for work

6. LIFTING TACKLE

Normally to be a combination of two webbing slings and one four-part chain sling, subject to the recommendation and approval of the crane owner.

7. LIFTING PROCEDURE

- The webbing slings will be passed under the boat and positioned equidistant from the longitudinal centre of gravity and clear of any obstructions on the underwater surface of the hull.
- With the chain sling attached to the hook block, the boom will be slewed over the longitudinal centre of gravity of the boat
- The chains will be attached to the webbing slings, checked for security, and aligned
- Hand lines will be attached to the boat fore and aft, and all moorings let go
- All personnel will disembark from the boat – man-riding will not be permitted
- The boat will be hoisted clear of all obstructions
- The crane will be instructed to slew towards the hard-standing as required
• Once the boat is over the storage position it will be lowered as requested
• Slingers will embark to release the webbing slings from the chains
• The crane will then be instructed to hoist the chain slings clear and then slew away from the boat
• If a further lift is to be carried out without re-positioning the crane, the lifting procedure will be repeated.
• If re-positioning of the crane is required, the crane will be de-rigged, re-positioned, and re-rigged in accordance with the rigging procedure.
• When all lifts are completed, the crane will finally be de-rigged
• The Appointed Person will provide the driver with a signature of completion prior to the crane leaving site

8. APPOINTED PERSON

• All lifts will be carried out under the supervision of a fully-qualified Appointed Person provided by Solva Boat Owners Association
• Communication between the Appointed Person and the crane operator will be made by recognised hand signals. The crane operator will be advised not to accept instructions from any other person except in cases of emergency,
• No lifts will take place unless the Appointed Person is in attendance

9. HEALTH and SAFETY OFFICER

A Health and Safety Officer will be appointed by the SBOA to ensure that the lifting area is secure at all times, and that any ingress and egress will be controlled and diverted where possible

10. SLINGERS

• Experienced slingers will be provided by Solva Boat Owners Association

11. PERSONAL PROTECTIVE EQUIPMENT

The following PPE will be worn by the Appointed Person and slingers at all times:
• Hard Hat
• Steel toe-capped safety shoes or boots
• High-visibility vest
• Protective gloves