

WORKING ALOFT

Scenario / Background	
<p>During pre-departure checks it was discovered that an antenna is hanging loose on top of the mast. The deck team have been instructed to climb the mast, via the integrated ladder and assess the damage to the antenna. The vessel is berthed alongside, the weather is fair, and no vessel movements are planned in the vicinity of the yacht.</p>	
Pre-activity considerations	
<p>Any crew working on the main mast must:</p> <ul style="list-style-type: none"> - Consider whether the work can be done without working at height. - Be competent in approved working at height and rescue practices. - Have the appropriate equipment (see below). - All equipment and anchor points checked to be in date for thorough inspections (LOLER) and manufacturers service period. - Have the correct PPE. - Have received full brief on the work package to be carried out. - Have read and understood the permit and risk assessment. - Have read and understood the rescue plan. - All lock outs (LOTOTO) are in place and tested e.g. vessels horn, RADAR, radio frequency emitting devices, funnel (fumes) etc. (Confirmed with duty officers). - Have made sure the rescue personnel are briefed, wearing the correct PPE and have the correct equipment, ready to enact a rescue. - Contact harbour control to identify any vessel movements which may interfere with the operation. - Where rails are to be used when in position, these are never to be used once underway, the user must never rely on only one attachment point, and the working line and fall arrestor are to be on separate trolleys / travellers / cars. - Understand and follow Flag State requirements. 	
Equipment	
<p>As per vessel procedure for work party:</p> <ul style="list-style-type: none"> - Full body harness: (EN361, EN358, EN813) - Helmet (EN12492) - Fall Arrest system* (appropriate type for activity) - Work positioning lanyard - Lanyards and bags for tools - PPE - Radio 	<p>As per vessel procedure for rescue party:</p> <ul style="list-style-type: none"> - Full body harness (EN361, EN358, EN813) - Helmet (EN12492) - Fall Arrest system * (appropriate type for activity) - Ascender/Descender - Work positioning lanyard - PPE - Radio

Note: This card and briefing sheet is intended for guidance only and in no way passes liability to any member of CHIRP or the Superyacht Training Group for its content and the procedures within.

Manufacturer's instructions are always to be read and understood by the persons who will be using the equipment. Competent person to ensure the activity is risk assessed and the correct equipment is used for the tasking.

Generic equipment and competence is not appropriate.

** Equipment required is dependent on work activity. This may include working lines and safety lines when working overboard, a rigged fall arrest recovery block, or a fall arrest system such as twin hook lanyards for traversing a ladder built into the mast. Identifying the correct equipment required to conduct the work safely, is vital in the planning and risk assessing stage and should never be treated as generic.*

Brief

- Team to read and sign on to SMS for Working Aloft requirement as dictated by SMS for ascending the main mast.
- Competent person to ensure all selected persons are competent and medically fit to carry out the work.
- Exclusion zone to be installed to protect against falling objects and the work party.
- Work party to utilise lanyards on tools, connecting to their person / harness.
- Safety Officer to detail the dedicated rescue arrangements for the work being undertaken and supervise the activity.
- Who is providing the medical provision onboard?

Questions to confirm learning

- What is the work to be conducted?
- What access equipment are they using?
- Who is their safety officer?
- What radio channel is being used?
- What are the rescue arrangements?

What if's / Emergency considerations

- What if someone has a medical incident whilst working aloft?
- What if a person falls and is caught in a suspended position?
- What if a piece of equipment fails?
- What if the weather deteriorates?
- What if vessel(s) approach, causing a large wake?

Post activity debrief points

- Was the work activity fully complete?
- What went well and what didn't – could the procedure be improved upon?
- What did we learn?
- Quarantine of defective equipment?
- Reinstatement of equipment and LOTOTO arrangements?
- Closing of permit