

**SAFETY EQUIPMENT
including
Care and Maintenance**

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**PERSONAL EQUIPMENT
REQUIREMENTS**

- LIFEJACKET/PFD (*Inflatable*)
- SAFETY HARNESS (*Integrated with PFD*)
- SAFETY LINE/TETHER

Italics = Recommendations
BOLD = Requirements

PFD/LIFEJACKET REQM'TS

- USCG Type 1 or ISO 12402-3 (150N/33.7 lb)
- WHISTLE
- Marine Grade RETRO-REFLECTIVE TAPE
- STRONG CROTCH/THIGH STRAPS ******(waived in US till 1/14)
- LIGHT (SOLAS WHITE, >.75 CAND., >8HRS)

ADDITIONAL REQM'TS

- If inflatable, COMPRESSED GAS INFLATION
- REGULAR CHECKS for air retention
- COMPATABLE WITH HARNESS
- MARKED WITH yacht or wearer's NAME
- Must be worn at START & FINISH and at NIGHT

**LIFEJACKET
RECOMMENDED EQUIPMENT**

- CROTCH OR THIGH STRAPS****** (TILL 1/14)
- INFLATED and INSPECTED ANNUALLY
- SPLASHGUARD *
- A PLB (*personal locating beacon*) *

PRESCRIPTION

".....recommends that lifejackets have a crotch strap or thigh straps until 1 January 2014 when crotch strap(s)/thigh straps will be required."

PRESCRIPTION

“...all personnel on deck shall wear personal floatation while starting and finishing without exception, and at all other times except when the Captain of the boat directs that it may be set aside.”

HARNESS & TETHER REQUIREMENTS

- MANUFACTURED AFTER Jan 2001** – *changed to a recommendation in US*
- EACH CREW MEMBER SHALL HAVE
 - A HARNESS
 - With CROTCH/THIGH STRAPS after Jan 2011
 - A SAFETY LINE (TETHER) iaw ISO 12401 not more than 2m long, with imbedded overload stitching (if purchased after Jan 2001)

PRESCRIPTION

“...harnesses and safety lines manufactured prior to 2001 are not recommended in the U.S.”

HARNESS & TETHER ADD’L REQUIREMENTS

- SIX FOOT TETHERS for ALL
- THREE FOOT TETHERS for 30%
- HARNESS COMPATABLE WITH PFD
- WEAR HARNESS & PFD SUNDOWN TO SUN UP

PRESCRIPTION

“...safety harnesses and PFD’s shall be wornfrom sundown to sun up while on deck.”

TETHER ETTIQUETTE

- *CLIP ON BEFORE GOING TOPSIDE*
- *CLICK ON JACKLINES WITH OPENING UP*
- *PUT SNAPSHOTACKLE ON BOTH ‘D’ RINGS*
- *PUT SHORT TETHER ON SNAPSHOTACKLE*
- *MOVE YOUR CLIP NOT YOUR SHIPMATE’S*
- *DON’T DRAG YOUR CLIP ON DECK*

OPTIONAL PERSONAL SAFETY EQUIPMENT

- *PERSONAL LOCATION LIGHT OR FLARES*
- *PERSONAL LOCATING BEACON - PLB/VPIRB*
- *FOUL WEAX GEAR*
- *KNIFE*
- *FLASHLIGHT*
- *SURVIVAL SUIT*
- *MISC (LASER, DYES, MARKERS, MIRROR, SHARK REPELLANTS)*

RON T's SAFETY HINTS

- ***BE A SMART MOB/PIW VICTIM***
- ***PULL YOUR HOOD OUT OF YOUR FOUL WEATHER GEAR BEFORE YOU GET UNDERWAY ☺***
- ***KNOW YOUR PERSONAL GEAR***

Inflatable Life Jackets/Lifslings

- ***Annual Maintenance***
 - *Replace water-activated bobbin on auto inflators (some require this every 6 mos)*
 - *Remove CO2 cylinder, inspect*
 - *Orally inflate life jacket as hard as possible; leave overnight.*
 - *If bladder is soft the next day, replace the PFD*
 - *If hard, mark bladder with date of inspection*
 - *Install new bobbin, reinstall CO2 cylinder, repack.*
- ***Video at www.ukhalsey.com***

US SAILING RECM'S WEAR INTEGRATED HARNESSES & PFDs

- ***WHENEVER CONDITIONS WARRANT***
 - *ALWAYS IN ROUGH WEATHER*
 - *ALWAYS ON COLD WATER*
 - *ALWAYS AT NIGHT*
 - *IN RESTRICTED VISIBILITY (FOG)*
 - *WHEN SAILING SHORT-HANDED*

HARNESS & TETHER RECOMMENDATIONS

- ***STATIC LINES AT WORK STATIONS***
- ***HARNESS CROTCH/THIGH STRAPS***
- ***CONTRASTING STITCHING***
- ***USE ONLY POSITIVE LOCKING SNAP HOOKS***
- ***USE RELEASE UNDER TENSION BODY HOOK***
- ***A PERSONAL KNIFE MAY BE NECESSARY IN AN EMERGENCY***
- ***ADJUST BEFORE RACE AND RETAIN THROUGHOUT***

BOAT SAFETY EQUIPMENT REQUIREMENTS

- ***TAUT LIFELINES***
- ***JACKSTAYS / JACKLINES***
- ***LIFESLING with light***
- ***MOB POLE OR MOM***
- ***CLIPPING/ATTACHMENT POINTS***
- ***COMPANIONWAY HATCH LOCKS***
- ***HELM MOB BUTTON (REQ'D IN 2012)***
- ***HANDHOLDS***

**BOAT SAFETY EQUIPMENT
REQUIREMENTS cont'd**

- STATIC SAFETY LINES
- EPIRBs
- SAFETY EQUIPMENT LOCATION CHART
- HEAVING LINE

**JACKSTAYS/JACKLINES &
CLIPPING POINTS**

- CLIP ON BEFORE COMING ON DECK
- MOVE BETWEEN WORK AREAS WITH MINIMUM CLIPPING
- *END JACKLINES FORWARD OF THE STERN*
- *PUT LOOPS IN JACKLINES*
- 2/3 OF CREW MUST BE ABLE TO CLIP ON HARD POINTS (other than jacklines)
- UNCLIP AFTER GOING BELOW

TETHER / SAFETY LINES

- SNAP HOOK – EASY TO ATTACH
- DOUBLE ACTION SAFETY HOOK – WILL NOT COME UNDONE ACCIDENTLY
- SNAP SHACKLE – EASY TO RELEASE UNDER LOAD
- OVERLOAD FLAG IMBEDDED IN STITCHING (REQ'D AFTER JAN '01)

minimum recommended hands-on
PFDs & TETHERS

- Don PFDs and Harnesses below decks (crotch straps recommended)
- Come on deck through locked closed companionway hatch, latching on with tether before coming on deck.
- Walk forward using tether on jackline(s)
- Stop at headstay and mast work stations
- Walk aft on opposite side to the cockpit
- Relieve the helm, staying latched on
- When relieved, go below, unlatch & stow gear where you can find it in a hurry (in darkness)

**SAFETY AT SEA
IS
AN ATTITUDE**

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Sail Safely Offshore
&
Have FUN ☺