

Safety Precautions/ Operational Guidelines

Standard Operating Procedures

- 6 hour shifts maximum (possibly adjusted downward)
- Tacking only. This is due to controlled jibes being the highest cause of injuries
 - Situations where jibes would be used will be performed with 270 degree tacks
- Actions that require being on foredeck may only be performed if both people are awake first
- A watch will constantly be kept at nighttime hours
- Maximum a watch may be away from deck in daylight is 20 minutes
- If > 30 knot winds are predicted en-route, a course adjustment will be made to avoid
- If speed drops below 2.5 knots, engine will be used
- 50 gallons of fresh water (approx. 30% more than needed, excludes rainwater)
- over 100 military Meals Ready to Eat in addition to groceries available for food

Communication Safety Procedures

- Coordinates, bearing, speed to be texted daily via satellite phone
- Backup GPS in event of failure of primary
- Downloadable weather maps via satellite phone (1 week forecast)
- 20 batteries of each variety for backup (AA, A, 9V)
- VHF Radio with backup antennae
- VHF to be kept on full volume and full squelch at night hours
- Boat equipped with radar reflector for better visibility to radar equipped ships

Heavy Weather Safety

- All maneuvers practiced
- Reefing procedure repeatedly practiced over and over
- Sea Anchor equipped if difficult weather is encountered
- See storm procedure for extreme weather operating procedure should it occur

Life Preserver/Body Safety (each)

- Coast guard approved
- Chosen for comfort such that they are easy to wear at all times
- Equipped with whistles
- Equipped with water activated strobe light
- Mandatory at all times on deck and in cockpit
- Mandatory in cabin as well if winds are >20 knots
- Each equipped with personalized personal locator beacon (Waterproof)
- Clipped body harness; mandatory at all times on deck
- Waterproof overalls, heavy raingear, and goggles packed for when needed

Emergency Gear

- 20 pistol flares
 - tested for quality/practice
- 5 stick flares
 - tested for quality/practice
- 1 orange smoke flare
- First aid kit
- Sail repair kit
- 3 LED flashlights
- 25 gallons of diesel (approx. 1000 nautical miles of travel)
- 300 feet extra rope
- 1 automatic 200gal/hour bilge, 2 manual high volume bilges
- Emergency dinghy (inflated and tied down to bow at all times)