



Atlanta Yacht Club

## AGENDA

### 2014 AYC "Hands On"

March 15, 2014

1:00 pm -3:00 pm

Welcome

Ron Redner

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- |  |                            |
|--|----------------------------|
| <b>1.</b> US SAILING Race Management (60 min.)<br>Rules /Starts/ Finish        | Means Davis/ Carl Owens    |
| <b>2.</b> Rescue Boat / Mark Boat (30 min.)<br>Righting a Boat / Setting Marks | Lee Bradley/Bruce Dryden   |
| <b>3.</b> Signal Boat – (30 min.)<br>Flags/Ollie                               | Don Hackbarth /Ian Elliott |

**Wrap up: All groups to meet at club house at 3:15 pm**

Adjourn / 3:30 pm

Ron Redner

## Safety

### 1 SAFETY IS "Job 1"

2 Weather Safety [www.weather.com](http://www.weather.com), with AYC ZIP Code, Hourly gives Temp and Wind, Quite Accurate. Weather Channel in Lounge shows radar. 770 386-0549 for Lake Level and Water Temperature

3 Life Jackets Check for required life jackets and a throw able PFD with a line attached on Every RC boat: Signal, Red, Mark, & Rescue

4 Motor Boat Crew safety When starting off from a stop, give warnings "Everybody Ready" "Going Forward" "Going Faster"

5 Watch continuously for boats in trouble. Have a Boat Count for each Fleet. Post an observer on shore with a radio watching for boats over.

6 Cold water Rescue. Watch for hypothermia and get sailors out of the water **without delay**. Blankets are on the Signal Boat. So is First Aid Kit and AYC Address if needed

**Always shut engine down when rescuing from a stern ladder. ALWAYS**

7 Safety is a **Total Team Effort**

Means list of "TOYS" and "Things" to bring to help you in your job

1 Toys Self inflating life jacket, stop watch, Portable VHF Radio, hockey puck hand bearing compass, binoculars, tape recorder, wind stick, wind gauge, wet notes, Cell phone, GPS

2 Things Sun screen, hat with a retainer, duct tape, wire ties, FRS Radio Back up, Rule Book and SIs, pencils and paper in a water resistant envelop or 2-gal plastic bag.

Personal Bring Life Jacket, Water or liquid, no alcohol, Sun Screen and a Hat + footwear to keep your feet dry if working on the Rescue Boat in cooler weather. 70 to 75 degrees for four hours can get cold

## **RESCUE BOAT**

- 1 Safety is Primary Purpose  
Do you have life jackets on and a throw able with line attached  
Must have a minimum of two capable people on board  
Keep up with the count of boats racing in each Fleet  
Get sailors out of cold water without delay. Watch for hypothermia  
**Always shut engine down when rescuing from a stern ladder. ALWAYS**
  
- 2 Radio Controls Set on 1 Watt and Channel 69  
No Contact or Lost Contact Procedure
  - A Is Radio turned ON and volume turned up Check Squelch
  - B Is Radio on low power
  - C Is radio on Proper Channel
  - D Is antenna attached
  
- 3 Starting and Operation Key location, Trim, Throttle, Choke, Shifting  
Poor control at low speed and RPM  
Mandatory Check ride first time out  
Tow only going forward
  
- 4 Towing and Righting Equipment, Carabineer with a long line. Towing Bridal attached to both sides of transom  
Approach boat from leeward. If righting assistance is needed, throw long line and request they hook carabiner onto side stay and lead line over bottom of the boat. Go to windward side, fasten line to bridle and tow boat sideways to right it. Do not use reverse to right turtled boat.
  
- 5 Rescue Boat Bag, issued by Signal Boat contains Flags, Plaques, sticks, black bands, compass, wind stick, and whistle. Return to the Signal Boat

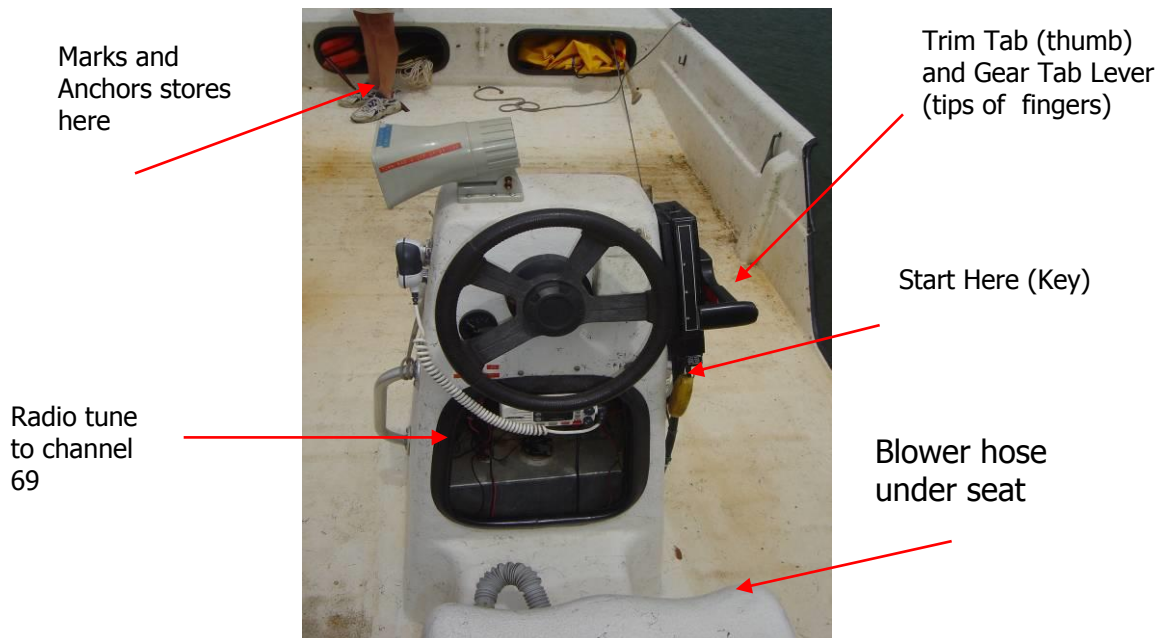
## Rescue Boat Jet Boat

- *To start:*
  - Pump bulb on outboard gas line
  - Start. If there is trouble starting, lift the throttle arm slightly and push key in while starting. Push throttle arm in original position after starting
  - Tilt switch under thumb on throttle – check position of motor when underway (tends to trim up during operation)
  - There is a lock lever on throttle arm for transmission, depress to shift into gear
  - Reverse in low power

### Switches on dash board:

- Radio power knob on radio
  - Channel should be set for 69 set on low power
  - if the radio is not working let the committee boat know immediately
- Blower switch – turns on blower for inflating marks hose located under center console or under seat. Hose plug is located under the seat
- Return boat to proper berth (5<sup>th</sup> slip from the shore on the club side of Quonset hut dock)

When returning boat to slip after race make sure all switches are in the off position!! All marks are deflated!! All lines are wrapped and stowed!! Take all trash off of the boat!



## Mark Boat

- 1 Safety is Primary Purpose  
Do you have life jackets on and a throw able with line attached available  
Do you have Bridle and Tow Rope  
Must have a minimum of two capable people on board.  
Keep up with the count of boats racing in each Fleet  
Get sailors out of cold water without delay  
**Always shut engine down when rescuing from a stern ladder. ALWAYS**
- 2 Radio Controls Set on 1 Watt and Channel 69  
No Contact or Lost Contact Procedure
  - A Is Radio turned ON and volume up and Squelch set
  - B Is Radio on low power
  - C Is radio on Proper Channel
  - D Is antenna attached
- 3 Starting and Operation Key location, Trim, Throttle, Choke, Shifting  
Switches Lights, Bilge Pump, Horn, Radio, Blower  
Mandatory Check ride first time out  
This boat can jump when accelerated, makes sure everyone is prepared  
"Everybody Ready" "Going Forward" "Going Faster"
- 4 Marks Blower system. Inflating, Monitoring Pressure, deflating and storage.  
Attaching anchor line so mark will stream
- 5 Anchoring Marks Check Water Depth and attach required anchor line to Anchor Rode. Color coded extensions are 50,30,20,and 10 feet.  
Stream Starting and Gate Marks when setting by towing in reverse preferred
- 6 Safety Righting and towing equipment  
Must use bridle and special tow line, make sure they are on boat and rigged  
Do not attempt to pull or right a boat while in reverse  
**Always shut engine down when rescuing from a stern ladder. ALWAYS**
- 7 Mark Boat Bag, issued by Signal Boat contains Flags, Plaques, sticks, black bands, compass, wind stick, and whistle to Signal Boat.
- 8 Report Equipment problems to PRO and RC Chairman Return Boat Bag, Marks neatly folded, anchor lines sorted in bucket, and anchors to Signal Boat.

## Mark Boat

- To start:
  - Pump bulb by motor
  - Start
  - Tilt switch under thumb
  - There is no lock on throttle transmission
  - Reverse in low power

### Switches on dash board:

- Radio power switch – then turn radio knob on
  - Channel should be set for 69
  - It is important to communicate with the committee boat before, during, and after the race – if the radio is not working let the committee boat know immediately
- Blower switch – turns on bower for inflating marks, hose located in seat locker. Hose plug in located on the center console lower port side
- Horn – push switch up to blow horn

When returning boat to slip after race make sure all switches are in the off position!! All marks are deflated!! All lines are wrapped and stowed!! Take all trash off of the boat! Slip located second from shore on the club side of Quanset hut dock



## Marks

**Inflation** Remove the threaded nozzle from the end of the hose and very carefully screw it into the Fill Valve located near the top of the Mark.

Be very careful to not cross thread. Do not tighten. Connect hose to threaded nozzle and fill Mark until it is barely standing.

DO NOT OVERFILL as in Illustration DON'T DO IT

Disconnect hose and very carefully assemble threaded valve cap.

**Setting** Assemble Anchor Rode using the 50, 30, 20, and 10 foot extensions for each Mark to proper depth and connect to Rig on bottom of Mark. Lower Anchor and then set Mark upright in the water. When necessary to move, raise anchor and drag by Anchor. Never drag anchor by Mark. Use Boat Hook only in retrieving and moving. Check for proper inflation during Races. Let out air if needed.

**Storage** Carefully using Boat Hook retrieve anchor line and anchor for storage. Store anchor and extensions. To deflate unscrew and remove inflation valve cap. When deflated, fold in thirds and roll for storage.



Over inflated Mark Bottom should be flat, Corners should pooch down.

Report any problems to PRO and Race Committee Chairman

## **Streaming a Mark for Exact Position**

The idea is to tow the Mark in the water upwind to a precise location as needed for a Starting Pin or a Gate.

1. Check the Anchor Line for proper length.
2. Place Mark in the water directly downwind from the intended setting.
3. Keep the anchor in the Boat. Pay out all the line.
4. KEEP LINE CLEAR OF PROPELLOR
5. Tow the Mark windward until directed to DROP.
6. At this time the Anchor line must be fully extended, with only the Anchor in the Boat. Drop the Anchor, the Mark will remain in place.

Note on towing versus pulling with a boat:

By pulling the mark in reverse the propeller is out of play. Also when using a light outboard such as the red boat direction control, left or right, can only be maintained by running in reverse.



## McKee Craft

### ***To start:***

- Unplug solar power cord before starting
- Pump bulb on outboard. If trouble starting lift throttle arm slightly and push in key while cranking. Push throttle back in original position after starting
- Motor will not start unless in neutral
- Depress red tab lever on shift arm to place in gear

### ***Radio operation:***

- Turn radio switch on at dash
- Tune to channel 69 set on low power
- Do radio check at a distance from signal boat (committee boat)

### ***Returning boat:***

- Return to proper berth (4<sup>th</sup> slip from shore on the cove side of the Quonset hut dock)
- Turn radio off at dash panel
- Plug solar power charger back up to boat
- Take all trash off of the boat

*Do not forget to plug solar power back up to boat*



## Signal Boat

- 1 Signal Boat is Headquarters for Safety Keep a sharp lookout at all times  
Keep a continuous count of boats sailing in each fleet  
Watch **continuously** for boats in trouble.
- 2 Safety Check Life Jackets for each person on board and a throw able with line
- 3 Location and operation: Clock, Score Sheets, Flags, Compass, and RC Signals  
used on Mark Boat: flags, poles, plaques, compass, black bands and whistles.  
Location NOR, SI, Protest Forms, First Aid Kit, Thermal Blankets  
All RC Equipment is stored on Signal Boat ONLY
- 4 Radio Set Controls on 1 Watt and Channel 69  
No Contact or Lost Contact Procedure
  - A Is Radio turned ON and Squelch adjusted
  - B Is Radio on low power
  - C Is radio on Proper Channel
  - D Is antenna attached
- 5 No chairs on deck until after the start  
How to use score sheets including boat count,  
Y-Flyers request score sheet indicate "no crew" when applicable
- 6 Flags Hoist location and why  
Hoist RAPIDLY.  
S Flag (Shorten Course) use and hoist location
- 10 Report equipment problems to PRO and RC Chairman

## AYC VHF Radio Operation

- 1 Set all radios to **1 Watt** or **Low Power Operation**
- 2 FCC Authorized Channels are 68. **69**, 71, 72, 78, 9 and **16**  
Note Ch. 16 is only to be used in an emergency as it should be monitored by the COE, Sheriff Dept, and other Emergency personnel. Channel 9 is an "initial contact" only channel and we will not normally use.
- 3 Set all AYC radios to **69** and only change at the direction of the PRO if Radio traffic persists
- 4 Check operation dock before leaving and at a distance from Signal Boat when on the water. If no communication, return to Signal Boat for further instructions or equipment.
- 5 No Contact or Lost Contact Procedure
  - A Is Radio turned ON ,Volume turned UP, and Squelch adjusted
  - B Is Radio on low power (1 watt)
  - C Is radio on Proper Channel (69)
  - D Is antenna attached
- 6 Use terms "Signal", "Mark 1", "Mark 2", "Judge", and "Rescue Boat"  
Never use personal names
- 7 When channel is quiet, Hold Mike 2" in front of mouth and slightly to one side. Press the **talk** and pause before speaking.
- 6 Proper calling procedure is to say [name of station being called,] [your vessel name] ie: "Mark, Mark, - Signal"
- 8 Over & Out – the most misused terms.  
**OVER** - means I expect a reply.  
**OUT**- means I am finished and do not expect a reply.
- 9 The Yacht Club next door uses Channel 72. Please respect that and do not use as an alternate channel.