

SMC Course table top exercise.

Yacht Rainbow Chaser

Scenario:

Departed Falmouth at 0700 UTC bound for Poole Harbour
ETA 0600 the following day.

Experienced skipper & well found yacht (see CG66 entry) Is a RYA Coastal Skipper.

Reason for trip – to attend family celebration.

Agreed, at the last minute, to take 2 friends from Falmouth yacht club.

During the night crossing of Lyme Bay, yacht hits a submerged 20 ft steel container (ex Napoli), is dismasted & holed.

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- **At 0700 UTC** the skipper's brother, contacts MRCC to report Yacht Rainbow Chaser overdue. He is waiting at Poole harbour quay. No contact on skipper's mobile phone He has spoken with harbour master who has tried to contact via VHF. Brother has only sailed in yacht once and knows very little about it other than large, blue and expensive! Skipper, wife and 2 children on board. Rang from the Falmouth Yacht Club last night to say all set for trip
- **What IIT?**
- **Plot position & check T/S/D v ETA.**

St Anthony's Head (Falmouth) to Rame Head	32nm
Rame Head to Start Point	21nm (53)
Start Point to Portland Bill	52nm (105)
Portland Bill to Anvil Point	21nm (126)
Anvil Point to Poole Harbour Entrance	10nm (136)

136nm @ 6KTS = 22 Hours

- **Students to carry out FFPs and identify information gaps and Action Plans**
- **What EPC?**
- **What B/C action? Call schedule? (no response to calls) Aerials?**
- **What assets? (Preliminary Comms search)**

Provide weather (actual & forecast)
Provide CG66 details
Provide detail from Falmouth MRCC

} if requested

- What IMS forms / tools would be useful or helpful?
- **4 hours have now passed** – In response to B/C action FV Bountiful Harvest reports contact with Yacht Rainbow Chaser at approx 1600 off Start Point. All well – making good speed. Weather conditions at the time were SSW F4 good visibility.
- **FFPs & APs – any change?**
- **EPC – any change?**
- **B/C action – wording etc**
- **Datum Line preparation?**
- **Resources** (Extended Communications search)
- **Track line or Datum Line search?**

- **Approx 30 mins later on Ch 16** FV Sea Dog reports hearing a very faint call from Yacht Rainbow Chaser on CH16 “...holed & dismasted...RIA”
FV Sea Dog is a 30ft crab potter in position 50° 10.2’N 002° 51.6’W
No further transmissions heard. Nothing received on Portland or
 aerials.

- **Students should calculate theoretical ranges (see separate sheet for heights)**
- **IIT?**
- **FFPs & APs**
- **EPC?**
- **B/C action?**
- **Type of search plan?**
- **IPE, DST, DSP, Target(s), Datum Time (MST)**

Students should use SG&Ts to determine W_c for Yacht, Life raft and PIW.
Discuss which SRUs to task with ETAs – how many are needed.
Use AVST to calculate how long the search would take for each target chosen.

Suggest trainer keeps a “real-time” time line to avoid confusion and help in determining MST.