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Boathandling X4³

Version 2.1 UK December 2020



Action Video



X-4³ Racing Boathandling

Crew Roles & Responsibilities

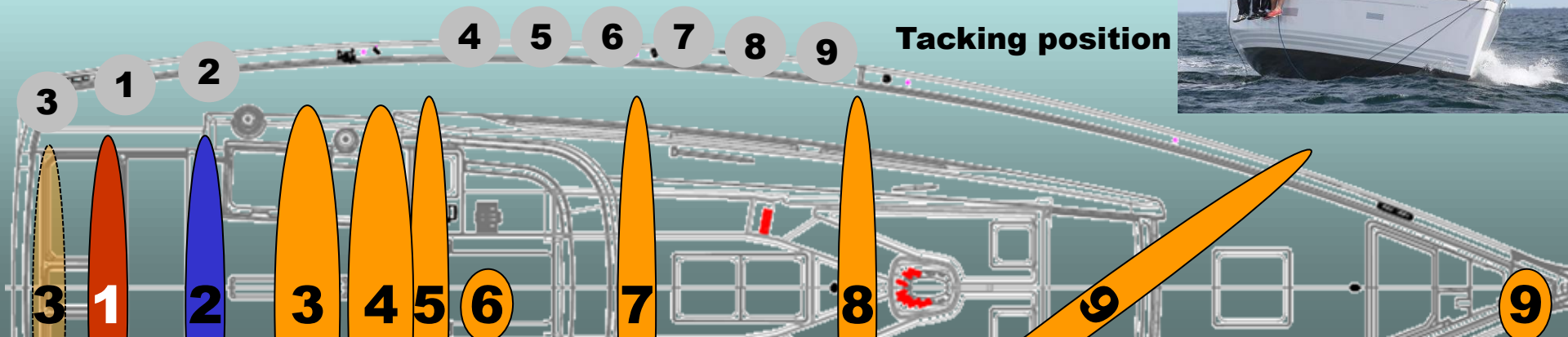
Roles

- 1) Helmsman
- 2) Main sail trimmer
- 3) Tactician
- 4) Tailer
- 5) Trimmer
- 6) Pit/Sail master
- 7) Floater
- 8) Mast
- 9) Bow

Work Zones

- Focus on optimal position to ensure perfect balance in boat at all time
- Gliding moves in all manoeuvres
- Stay in own zone
- Focus on responsibilities

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Helmsman

Responsibilities

- Focus on speed and wind angle
- Optimal manoeuvres in waves

Additional

- Ensure overview at all time
- Think ahead in manoeuvres



Communicate with:

- Tactician (ongoing)
- Main Sail Trimmer (wind gusts and manoeuvres)
- Bow (@startline)

Typical Profile

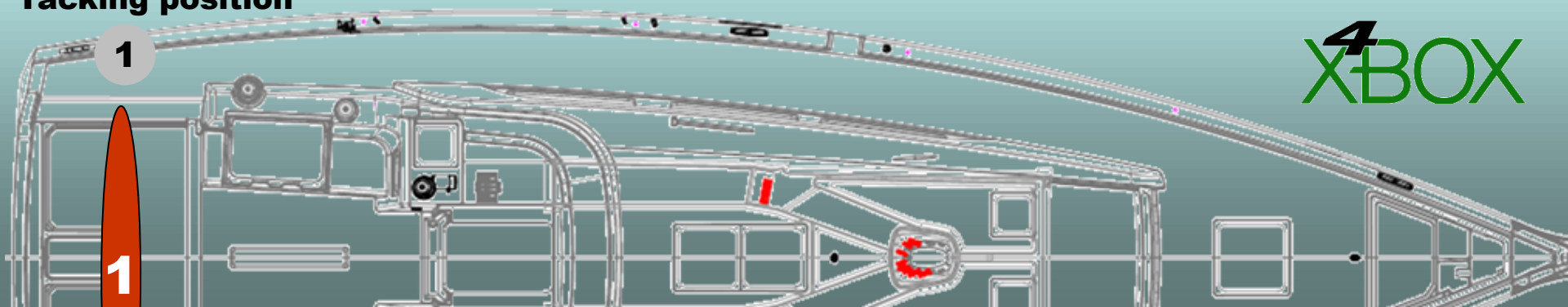
- The cool guy with overview
- Focus on speed and wind angle
- Focus on "gybe" angle at runners

Tacking position

1

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Main sail trimmer

Responsibilities

- Focus on mainsail trim
- Clean up cockpit in runners
- Focus on boat behind the sails

Additional

- Ensure perfect trim of mainsail before pre-start.
- Trim outhaul, Cunningham, barber haul on runners (in cooperation with Pitman)

Communicate with:

- Helmsman (wind gusts and manouvers)
- Tactician (boats approaching)
- Pit/Sailmaster: Trim of main sail

Typical Profile

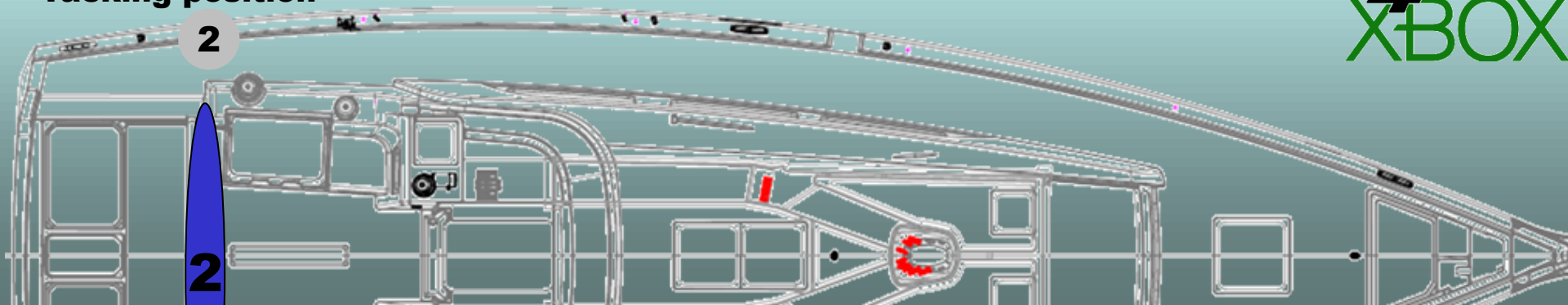
- Work proactive with helmsman
- Be able to trim boat angel

Tacking position

2

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Tactician

Responsibilities

- Overall tactics
- Focus on the all up trim of the boat
- Timing of rolling tack upwind
- Identify and communicate lay lines
- Communicate about competitors speed, course and manoeuvres to Helmsman
- Count Down at manoeuvres (3-2-1):
 - Tacking & Gype

Additional

- Look ahead and identify change in wind, gusts, current, competitors
- Communicate and timing of start to all crew

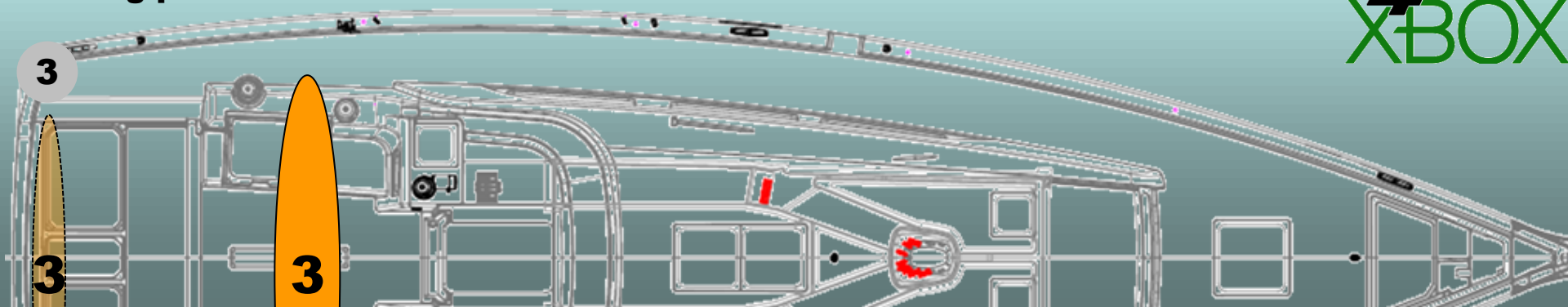
Communicate with:

- Helmsman (ongoing)
- Pit/Sail master & Bow (manoeuvres)
- Bow marks, wind change, competitors

Typical Profile

- The brain of the boat
- Focus on overview
- Close cooperation with all crew members

Tacking position



Tailer

Responsibilities

- Release jib when tacking
- Tailor jib for trimmer
- Clean up ropes in cockpit

Spinnaker role

- Gay spinnaker trim
- Spinnaker take down:
 - Remove spinnaker and tailor jib at manoeuvres

Additional

- Be able to energize in seconds
- Secure spinnaker manoeuvres



Communicate with:

- Trimmer og Bow (manoeuvres)

Typical Profile

- The muscleman of the boat
- Close cooperation with trimmer

Tacking position

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Trimmer

Responsibilities

- Trimming of jib trim
- Spinnaker
- Trim of spinnaker
- Spinnaker takedown
- Release gay sheet and then trim jib

Additional

- Assist in mainsail trim
- Check jib constantly
- Inform about wind shift and gusts
- Check for competitors



Communicate with:

- Tailor & Bow at manouvers
- Ongoing dialog med Tactician on trim

Typical Profile

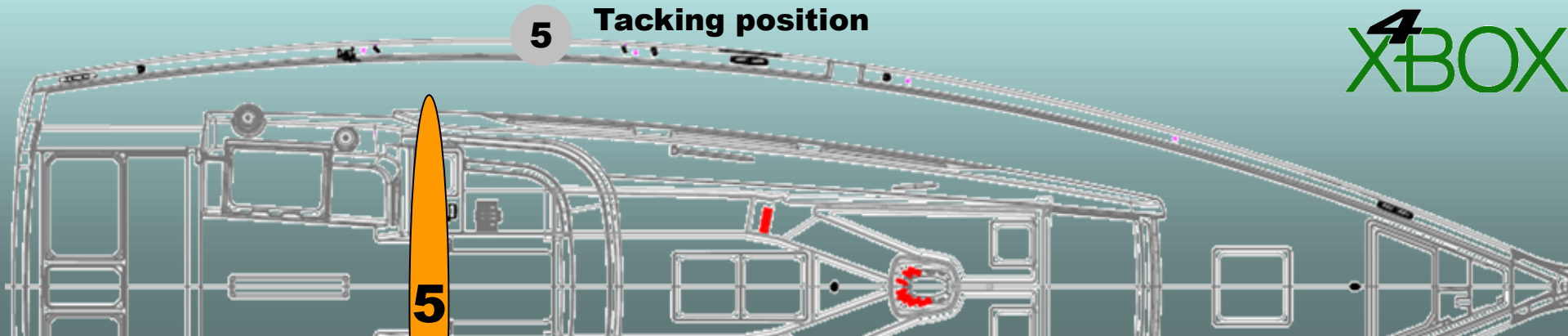
- A good eye for sail trim
- Keep the overview in critical manoeuvres

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Tacking position

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Pit Man

Responsibilities

- Control centre for all sail
- Clean up ropes in cockpit (all time)
- Trim tension on main and jib
- Critical for sail change
- Decide on spinnaker drop

Spinnaker

- **UP:** Hoist spinnaker, release Jib
Trim main sail (out hall, og Cunningham)
- **Down:** Set Jib, trim main; release spinnaker

Communicate with:

- **Tactician** (trim, choice of sail and manoeuvres)
- **Bow man in manoeuvres**
- **Countdown for all crew**

Additional

- Handle all instruments
- Check the race court and routes
- Packing of spinnaker
- Tailor for spinnaker

Start procedure

- Responsible for the stopwatch
- Count down from 5" (every minute)
- Identify and communicate position of competitors

Typical Profile

- Need an good overview
- Need to know the all trim function on the boat

Tacking position



Floater

Responsibilities

- First person at railing
- Check for robe in water (i.e. spinnaker)
- Spinnaker downhaul
- Backup for Bow man in tight manoeuvres

Spinnaker

Up: Release Jib

Down: Pull down spinnaker to Pit Man

Additional

- Backup when issues with spinnaker
- Pull down spinnaker
- Manual spinnaker pole
- Timing of competitors
During race and at goal line



Communicate with:

- Tactician (ongoing)
- Main Sail Trimmer (wind gusts and manoeuvres)
- Bow (@startline)

Typical Profile

- The trainee of the boat
- Have the feeling for the boat

7 Tacking position

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Mast

Responsibilities

- The muscleman of the deck
- Close cooperation with Pit and Bow man
- Pull spinnaker and Jib
- Look at the sail when pulling
- Give clear message when spinnaker in top
- Check the deck before and under race

Spinnaker

- Gype : Handle the spinnaker pol up/down

Additional

- Secure foredeck
- Communicate positions of marks

Start procedure

- Standby on jib



Communicate with:

- Pit/Sail master
- Bow

Typical Profile

- The muscleman of the boat
- Have the flavour fore the entire boat

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Tacking position

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Bow man

Responsibilities

- Check & Dbl check everything on deck
 - Spinnaker equipment
 - Spinnaker pole in position and ready
 - Jib in right position and ready

Spinnaker

- Up Mount spinnaker & pole
 Make jib ready for a shift
- Gype Mount gype rope
- Down Place spinnaker pole at deck

Additional

- Focus on clean deck before & during race
- Inform Tactician on other boats
- Make Jib ready for next set

Startprocedure

- Agree on signs for helmsman / Tactician
- Position in stern
- 10": identify boats
- 5": communicate distance to start line



Communicate with:

- Pit, Floater & Mast
- Tactician/Helmsman at start

Typical Profile

- They lightest and fastest person on the boat
- Need to be focused and think ahead
- Ability to think differently in critical situations

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