



2022 SEVENSTAR ROUND BRITAIN AND IRELAND RACE

ORGANISED BY THE ROYAL OCEAN RACING CLUB
IN ASSOCIATION WITH THE ROYAL YACHT SQUADRON

SUNDAY 7TH AUGUST 2022

FIRST WARNING SIGNAL 1150

HW PORTSMOUTH 0710 3.9M

Mandatory Reporting prior to the start has changed!

AS PER SAILING INSTRUCTION 9 - WHATSAPP 2022 SEVENSTAR RB&I RACE GROUP:

[HTTPS://CHAT.WHATSAPP.COM/FZJG7C4KM6W8KISEJTTIC1](https://chat.whatsapp.com/FZJG7C4KM6W8KISEJTTIC1)

CONTACT DETAILS

	Race Committee	Coastguard	Race Office Address
Start	Callsign "Ocean One" VHF Channel 72 Tel: +44 (0) 7825 007 035 WhatsApp: +44 (0) 7825 007 035 Email: racing@rorc.org	"Solent Coastguard" VHF Channel 16 Tel: +44 (0) 239 255 2100 MMSI 002320011 (for notification of emergencies)	The Disrespect 82, High Street Cowes, IOW PO31 7AJ Tel: +44 (0) 1983 295 144 Email: racing@rorc.org
Finish	As above	As above	As above

Boats retiring from the race must immediately notify the Race Committee or the Coastguard.

Failure to comply may lead to exclusion from future RORC racing.

THE ATTENTION OF EVERY PERSON IS DRAWN TO SPECIAL REGULATION 1.02 AND TO THE IMPORTANCE OF HAVING SUITABLE AND ADEQUATE PERSONAL INSURANCE

PRE RACE: PLEASE TURN ON AND CHECK YOUR AIS, SEND BOAT NAME, SAIL NUMBER AND NUMBER OF CREW TO THE WHATSAPP GROUP: [HTTPS://CHAT.WHATSAPP.COM/FZJG7C4KM6W8KISEJTTIC1](https://chat.whatsapp.com/FZJG7C4KM6W8KISEJTTIC1) BETWEEN 1030 AND 1130 BST.

Post Race: Complete declaration with finish time.

SAILING INSTRUCTIONS

The responsibility for a boat's decision to participate in a race or to continue racing is hers alone. (RRS Fundamental Rule 3)

1 RULES

- 1.1 The regatta will be governed by the rules as defined in The Racing Rules of Sailing (RRS).
- 1.2 RRS part 2 will be replaced with the right-of-way rules of the International Regulations for Preventing Collisions at Sea (IRPCAS) between the times of local sunset and sunrise; or government right-of-way rules, if applicable.
- 1.3 World Sailing Offshore Special Regulations Category 1 with RORC Prescriptions.
- 1.4 The rules and regulations of appropriate Class rules; IRC Rules Parts A, B & C; Class 40 and IMOCA Rules.

2 EQUIPMENT AND MEASUREMENT CHECKS

- 2.1 A boat or equipment may be inspected at any time for compliance with the rules and Sailing Instructions.

3 NOTICES TO COMPETITORS

- 3.1 Notices to competitors will be published on the RORC website at <http://www.rorc.org/racing/race-documents>

4 ENVIRONMENTAL RESPONSIBILITY AND POLLUTION

- 4.1 The RORC and its sponsors are keen to ensure all competitors are aware of their environmental responsibilities and the enormous impact rubbish pollution can have on the marine environment. Boats are expected to comply with the Environmental Responsibility basic principle of the RRS.

5 NOTICE TO MARINERS

- 5.1 Competitors are reminded of their responsibility to take account of all Notice to Mariners and should be particularly aware of:
- 5.2 Port of Southampton Precautionary Area – (Thorn Channel)
Competitors are reminded to maintain a constant watch for shipping movements, particularly in the Port of Southampton Precautionary Area (Thorn Channel).
Your attention is drawn to the ABP Notice to Mariners No.8 of 2022 which covers the movement of shipping and the accompanying sound signals that may be heard. See:
https://www.southamptonvts.co.uk/Yachting_and_Leisure/Notices_to_Mariners/

6 BACKSTAY FLAGS

- 6.1 Sevenstar backstay flags will be provided and shall be flown for at least one hour before & after the start and also for one hour after the finish. Should a flag not be able to be flown from a backstay, a boat shall fly it from the starboard shroud.
- 6.2 All boats shall fly a RORC backstay flag. Flags shall be flown from the backstay or appropriately visible point near the back of boats without backstays, a minimum of 1.5 meters above the deck.

7 OFFSHORE TRACKERS AND AIS

- 7.1 All boats will be provided with a YB Tracker. The tracker must be carried at all times in the prescribed location.
- 7.2 No boat shall interfere with, or disable, any YB Tracker throughout the period of the race.
- 7.3 All boats are required to have their AIS transceivers switched on and able to transmit (at least every 5 minutes) and receive at all times throughout the race.
- 7.3.1 All AIS equipment in addition to the MMSI number must transmit the boat's current racing name, speed and course over the ground.

8 CLASS FLAGS

Class	TCC Range	Class Flag
IRC One	1.174 and above	Pennant 1
IRC Two	1.020 – 1.173	Pennant 2
IRC Three	0.900 – 1.019	Pennant 3
IMOCA 60	n/a	Class Insignia
Class40	n/a	Class Insignia

9 MANDATORY REPORTING BEFORE RACE (P)

- 9.1 There is no identity gate for this race.
- 9.2 Before leaving the dock, boats shall ensure they have an accurate crew list lodged online entry system. (<https://rorc.sailgate.com>)
- 9.3 **After 1030hrs but before 1130hrs** on the day of the race each boat shall send a WhatsApp message to: <https://chat.whatsapp.com/FZjG7c4Km6W8kiseJTt1c1> **The message shall contain the Boat Name, Sail Number and the Number of Persons on Board (POB). E.g: **Good Behaviour, GBR1234, 15**)**
- 9.4 In exceptional circumstances when the persons on board do not match the crew list as declared in the online entry system the boat shall inform the Race Committee of the changes and the reasons for failing to complete SI 7.2.
- 9.5 A boat shall not sail with a crew member whose Emergency Contact details have not been lodged on online entry system before the start of the race.
- 9.6 **Should any boat fail to correctly WhatsApp crew numbers and/or fail to identify changes to the crew list, the Race Committee shall, without a hearing, apply a standard time penalty as detailed in 21.2.2.**

10 IDENTITY BOAT

- 10.1 An identity boat will be in the vicinity of South Bramble Buoy and will be displaying a blue flag with a white border and a white seahorse over a yellow flag.
The boat will be available from sixty minutes before the first start until about ten minutes after the last start, or later at the discretion of the committee. Each boat shall pass by the boat in an Westerly direction with her engine running, storm sails hoisted and displaying her sail numbers and letters secured to the lifelines on the port side. In addition **a lifejacket, safety harness and safety line shall be worn by each member of the crew (in accordance with Special Regulations 5.01 and 5.02)** and the boat shall receive visual acknowledgement before starting.
Warning: Boats which do not pass by the identity boat correctly are liable to disqualification.
- 10.2 After the start when sail numbers are not displayed elsewhere (sails down) they shall be displayed secured to the lifelines on the port quarter.

11 STARTING TIMES AND SIGNALS

- 11.1 The race will be started by using RRS 26, with the warning signal being made 10 minutes before the starting signal.

Proposed Starting Times

IRC One, Class 40 & IMOCA 60 Warning Flag: Pennant 1	IRC Two & IRC Three Warning Flag: Pennant 2	Event	Signal
1150	1200	Warning	Warning flag displayed
1156	1206	Preparatory	Preparatory flag displayed
1159	1209	One-minute	Preparatory flag removed
1200	1210	Start	Warning flag removed

12 STARTING LINE

- 12.1 The starting line is formed by bringing the Royal Yacht Squadron's flagstaff into line with the white line on the orange diamond on the Castle. (As an aid to competitors vertical light beams are installed at the RYS to identify the starting line transit. The intensity of the light beam increases as you approach the line but the lights are momentarily obscured by the forward mast when you are on the line. The lights are navigational aids only and do not constitute the starting line. Any failure of this equipment shall be disregarded).
- 12.2 The start will be to the East:
Outer limit: (which is not on the starting line) South Bramble Buoy; leave to Port.
Inner limit: (which is not on the starting line) red/orange inflatable buoy up to 0.1nm from the RYS flagstaff; leave to Starboard.

13 LATE AT THE START

- 13.1 If a boat which has not previously come to the starting area is not off her moorings at her preparatory signal and comes to the starting area under power or being towed, shall stop her engine (or drop the tow) and complete a Two-Turns penalty as specified in RRS 44.2 before starting. No penalty will be imposed for an infringement of RRS 42. This changes RRS 42 and 45.

14 AREAS THAT ARE OBSTRUCTIONS

- 14.1 A boat shall not enter an area designated as an Obstruction.
- 14.1.1 All Traffic Separation Schemes (TSS) are designated as obstructions. A list of TSS and their positions are listed in Addendum A.
- 14.1.2 All oil and gas installations have a 500 metre exclusion around them by law and are shown on the most recent charts. These exclusion areas are designated obstructions.
- 14.1.3 All wind farm construction areas have a 500 metre exclusion around them by law and are shown on the most recent charts. These exclusion areas are designated obstructions. Information about the latest Offshore Renewable Energy Installations (OREIs) are available via the latest Notice to Mariners.

15 THE COURSE

- 15.1 The course is around Britain and Ireland to Starboard. The full course is listed in Addendum B.

16 COMMUNICATIONS

- 16.1 The Race Committee may broadcast information on VHF Ch.72, Callsign "Ocean One".
- 16.2 Boats are reminded of their legal obligation to keep a continuous watch on VHF Ch.16.**
- 16.3 Boats are required to have their onboard mobile phone switched on at all times.
- 16.4 Reporting In Rough Weather (Force 7 and above)
- 16.4.1 In the event of rough weather all boats shall endeavour to report to the Race Committee their whereabouts and status at reasonable intervals (if possible 4-hourly) and pass on information about other boats if known.
- 16.5 When required, progress reports should be delivered by WhatsApp **+44 (0) 7825 007 035** or email (racing@rorc.org)
- 16.5.1 Progress reports should include:
- Name of boat and Sail Number
 - Date/time/mark being rounded (BST)
 - Course and Speed over the Ground
 - Wind Direction and Speed
 - Names of any boats nearby
- 16.6 In the event of the failure of the YB Tracker or AIS the Race Committee will require individual boats to report on a regular basis. Boats will be notified on an individual basis.
- 16.7 Inter-boat communication calls should when possible be on DSC or VHF Ch16 as a calling channel and VHF Ch72 as a working channel.
- 16.8 Boats with communications in addition to VHF should act as a link, taking other boats' reports on VHF and passing them to the Race Committee or Coastguard.

17 TIME LIMIT

- 17.1 There is no time limit for the race.

18 THE FINISH

- 18.1 The finishing line is formed by bringing the Royal Yacht Squadron's flagstaff into line with the white line on the orange diamond on the Castle. The Outer limit is South Bramble Buoy (which is not on the finishing line) and should be left to Starboard.
- 18.1.1 All boats are required to try and inform the Race Committee by calling +44 (0) 7825 007 035 when passing No Man's Land Fort towards the finish and to call 'Ocean One' on VHF 72 when fifteen minutes from the finish.
- 18.2 To aid with identification, when finishing at night, boats are requested to shine a spotlight on their sail numbers and call "Ocean One" on VHF Ch.72 immediately after finishing.
- 18.3 Boats are reminded to take their own finishing times (BST) together with the names of the boats ahead and astern, if any. Finishing times shall be delivered to the RORC as soon as possible using a Declaration Form.

19 RACE FINISH DECLARATIONS

- 19.1 After finishing or retiring, boats shall complete and submit a Declaration Form to the Race Committee as soon as possible, but **not later than 24 hours after the end of the race**. Every member of the crew shall sign the Declaration Form. Failure to comply with this rule may result in the boat being excluded from the results. When a boat retires from a race she shall write the reasons on her Declaration Form.
- 19.2 When after a race a boat cannot promptly deliver the Declaration Form she shall without delay telephone the Race Committee, confirm that she has finished racing and give her time of finishing in BST. In this case the completed Declaration Form may be scanned and emailed to racing@rorc.org

20 RETIREMENTS AND NON STARTERS

- 20.1 Retirements and non-starters must promptly inform the Race Committee or the Coastguard. It is imperative that boats that are no longer competing can be excluded from any Search and Rescue operation. **Failure to comply with this rule may lead to disqualification or exclusion from future RORC racing.**

21 USE OF ENGINE

- 21.1 When a boat uses its engine, e.g. to avoid collision, in a grave emergency, or as per SI 22 Temporary Discontinuance of Racing, the facts shall be reported on her Declaration Form.

22 TEMPORARY DISCONTINUANCE OF RACING

- 22.1 When a boat uses its engine for propulsion, e.g. to avoid collision or in a grave emergency, the facts shall be reported on her Declaration Form.
- 22.2 Temporary discontinuance of racing: If a boat makes fast in order to take shelter or in an emergency, the crew may temporarily leave the boat to handle her moorings. If she uses her engine for propulsion she shall, on re-joining the race, return to the spot where she began to use her engine, turn off her engine and continue to race from that spot. She shall report the circumstances on her Declaration Form. This changes RRS 45 and 48.2.
- 22.3 A boat that is secured in harbour may receive any assistance to effect repairs or take on any supplies or equipment. This changes RRS 41 and 48.1.

23 PENALTY SYSTEM

23.1 Scoring Penalties:

- 23.1.1 When the right-of-way rules of IRPCAS apply (between the hours of sunset and sunrise) a scoring penalty applies (RRS44.3).
- 23.1.2 The scoring penalty will be 10 minutes added to the boat's corrected time for each penalty. A boat that has taken a scoring penalty shall include full details on her Declaration Form. This adds to RRS 44.3.
- 23.1.3 When a scoring penalty does not apply, a yacht may take a Two Turns Penalty for breaking a rule of RRS Part 2 or a One Turn Penalty when she may have broken RRS 31, as described in RRS 44.2.

23.2 Standard Penalties:

- 23.2.1 When at a boat's starting signal she is subject to RRS 29.1 (Individual Recall) and she fails to comply with RRS 29.1 to start correctly, the Race Committee shall, without a hearing, apply a standard time penalty of 10%. This changes RRS63.1 and A5.
- 23.2.2 Should any boat break any part of SI 9, the Race Committee shall, without a hearing, apply a standard time penalty of 10% of elapsed time. This changes RRS 63.1 and A5.1.
- 23.2.3 For a breach of RRS 28 (Sailing the Course) the Race Committee shall, without a hearing, apply a standard time penalty of 10%. This changes RRS63.1 and A5.
- 23.2.4 For a breach of any area designated an Obstruction, i.e. Traffic Separation Schemes, the Race Committee shall, without a hearing, apply a standard time penalty of 10%, unless the breach was unintentional, and no advantage gained. This changes RRS63.1 & A5.1
- 23.2.5 Should the Race Committee consider a standard penalty to be inappropriate, it may protest the boat.
- 23.2.6 If, in a hearing brought by the Race Committee under Sailing Instruction 23.2.5, or by another boat, a boat is found to have infringed RRS 28, 29.1 or Sailing Instruction 14 the penalty will be at the discretion of the Protest Committee, but will not be less than the standard penalty.

23.3 Grounds for Protest

- 23.3.1 Breaches of SI 6, 10 and 16 will not be grounds for protest by a boat. This changes RRS 60.1a.

23.4 Other Penalties

23.4.1 When the Protest Committee decides that a boat that is party to a protest hearing has broken a rule other than RRS Part 1 and 2 and that no serious damage or injury was caused and no significant advantage has been gained, it may apply a time penalty of up to 10%. Should the Protest Committee decide that the breach was minor and unintentional it may at its discretion apply a different penalty.

24 PROTESTS AND REQUESTS FOR REDRESS

24.1.1 Protests may be written on plain paper, but Protest forms are available at the Race Office. Protests and requests for redress or reopening shall be delivered there within the appropriate time limit.

24.1.2 The protest time limit is 3 hours after the protesting boat finishes.

24.1.3 Notices will be posted no later than 30 minutes after the protest time limit for the last boat to finish the race.

24.1.4 The notification of a Protest by the Race or Protest Committee against a competitor as required under RRS 61.1(b) or (c) shall consist of a notice on the Official Notice Board at the finish.

25 SCORING

25.1 The Scoring System for Offshore Races, defined in Notice of Race 1.12.2, will apply.

25.2 The scoring abbreviation for a Standard Penalty is "SP".

26 TROPHIES AND PRIZES

26.1 The following Trophies will be awarded at the RORC Annual Dinner and Prizegiving on Saturday 5th November, prize-winners will be notified of the venue and time.

John Illingworth Trophy	IRC Overall
Windward Sailing Trophy	IRC Zero
Kenneth Mason Trophy	IRC One
Robert Morris Memorial Trophy	IRC Two
Teddy Hicks Memorial Trophy	IRC Three
Greenville Collins Trophy	IRC Four
Rebel Maid Trophy	Two Handed Class
Lekeitio Cup	First Class40 Home

26.2 Medallions:

26.2.1 RORC medallions will be presented as prizes for each class and division as follows:

Number of starters	6 – 8	9 – 15	16 – 24	25 or more
Prizes	2	3	4	5

26.2.2 When there are fewer than 6 starters in a class it may be combined for prizes with a neighbouring class.

27 RISK STATEMENT

27.1 Rule 3 of the Racing Rules of Sailing states: "The responsibility for a boat's decision to participate in a race or to continue racing is hers alone."

27.2 Sailing is by its nature an unpredictable sport and therefore inherently involves an element of risk. By taking part in the event, each competitor agrees and acknowledges that:

- they are aware of the inherent element of risk involved in the sport and accept responsibility for the exposure of themselves, their crew and their boat to such inherent risk whilst taking part in the event;
- they are responsible for the safety of themselves, their crew, their boat and their other property whether afloat or ashore;
- they accept responsibility for any injury, damage or loss to the extent caused by their own actions or omission;
- their boat is in good order, equipped to sail in the event and they are fit to participate;
- the provision of a race management team and other officials and volunteers by the event organiser does not relieve them of their own responsibilities;
- they are responsible for ensuring that their boat is equipped and seaworthy so as to face extremes of weather; that there is a crew sufficient in number, experience and fitness to withstand such weather; and that the safety equipment is properly maintained, stowed, in date and familiar to the crew.

28 INSURANCE

28.1 Each boat shall ensure that their boat is adequately insured, against all third party claims.

NOTICES TO COMPETITORS

(Notices are for information and do not rank as part of the Sailing Instructions)

Skippers Briefing and BBQ

The Skippers Briefing will take place at the RORC Cowes Clubhouse at 1700 on Saturday 6th August 2022. Two members of each crew may attend.

A crew party and BBQ will follow the skippers briefing – all crews are welcome (1800 – 2000)

RORC Cowes Clubhouse

The Parade

Cowes

Isle of Wight

PO31 7QU

Tel: +44 (0) 1983 293581 email: cowes@rorc.org

Race Report

Louay Habib has been contracted by the RORC to write the race reports for the 2022 RORC season. The RORC will supply Louay with mobile telephone numbers for competitors so you may receive a call from Louay about the race.

ADDENDUM A - TRAFFIC SEPARATION SCHEMES (TSS)

A1. As per SI 14.1.1, all TSS are designated as Obstructions and boats shall not enter them.

A2. This list is for guidance only and boats should not enter any TSS.

Obstruction	Position (WGS84): Latitude Longitude	
Casquets TSS	A - 50° 03'.50N 002° 57'.40W	B - 50° 08'.60N 002° 28'.30W
	C - 49° 51'.30N 002° 21'.10W	D - 49° 46'.30N 002° 50'.30W
Lands End TSS	A - 50° 20'.00N 006° 05'.05W	B - 50° 20'.00N 005° 49'.60W
	C - 50° 01'.00N 005° 49'.60W	D - 49° 53'.55N 006° 05'.05W
Isles of Scilly South TSS	A - 49° 46'.00N 006° 29'.50W	B - 49° 46'.00N 006° 16'.50W
	C - 49° 35'.50N 006° 16'.50W	D - 49° 35'.50N 006° 34'.10W
Isles of Scilly West TSS	A - 50° 04'.15N 006° 48'.55W	B - 50° 01'.25N 006° 32'.80W
	C - 49° 52'.40N 006° 36'.70W	D - 49° 52'.40N 006° 53'.75W
Fastnet Rock TSS	A - 51° 21'.27N 009° 36'.79W	B - 51° 15'.43N 009° 33'.96W
	C - 51° 17'.18N 009° 24'.54W	D - 51° 22'.96N 009° 27'.32W
Off Botney Ground TSS and all points due East	A - 54° 00'.61N 003° 42'.86E	B - 53° 58'.61N 003° 17'.39E
	C - 53° 44'.31N 003° 01'.13E	D - 53° 21'.82N 002° 46'.82E
Off Brown Ridge TSS	A - 53° 03'.75N 003° 18'.71E	B - 52° 55'.70N 003° 14'.15E
	C - 52° 54'.19N 003° 21'.97E	D - 53° 02'.12N 003° 26'.41E
Off Texel TSS and all points due East	A - 53° 08'.29N 004° 16'.49E	B - 52° 56'.65N 003° 53'.32E
	C - 52° 35'.69N 003° 25'.51E	D - 52° 33'.70N 003° 23'.15E
Sunk North TSS	A - 51° 56'.52N 001° 43'.29E	B - 51° 54'.68N 001° 42'.71E
	C - 51° 53'.78N 001° 51'.16E	D - 51° 55'.57N 001° 51'.73E
Sunk East TSS	A - 51° 50'.99N 001° 52'.24E	B - 51° 55'.60N 002° 08'.19E
	C - 51° 51'.89N 002° 07'.09E	D - 51° 47'.46N 001° 51'.80E
Sunk South TSS	A - 51° 42'.16N 001° 43'.18E	B - 51° 42'.63N 001° 50'.12E
	C - 51° 38'.80N 001° 50'.81E	D - 51° 38'.31N 001° 43'.88E
North Hinder North TSS	A - 52° 13'.42N 002° 58'.99E	B - 52° 10'.98N 002° 56'.15E
	C - 52° 05'.55N 003° 06'.28E	D - 52° 07'.65N 003° 09'.59E
North Hinder South TSS and all points due East	A - 51° 51'.36N 002° 28'.69E	B - 51° 27'.34N 001° 52'.70E
	C - 51° 18'.65N 001° 46'.98E	D - 51° 14'.02N 001° 43'.86E
Straits of Dover and Adjacent Waters TSS and all points due East	A - 51° 14'.02N 001° 43'.86E	B - 51° 02'.48N 001° 22'.19E
	C - 50° 52'.46N 001° 02'.43E	D - 50° 39'.36N 000° 32'.48E
	E - 50° 34'.64N 000° 04'.38W	F - 50° 14'.52N 000° 04'.10E

ADDENDUM B – THE COURSE

#	Mark	Required Side; Leave to:	Approximate Position (WGS84)	
			Latitude	Longitude
1	Snowden Buoy	Starboard	50° 46'.20N	001° 17'.75W
2	No Man's Land Fort	Starboard	50° 44'.40N	001° 05'.70W
3	Bembridge Ledge Buoy	Starboard	50° 41'.15N	001° 02'.81W
4	West Princessa Buoy	Starboard	50° 40'.16N	001° 03'.65W
5	St Catherine's Point	Starboard	50° 34'.54N	001° 17'.87W
6	Bishop Rock and Isles of Scilly	Starboard	49° 52'.37N	006° 26'.74W
7	Fastnet Rock	Starboard	51° 23'.35N	009° 36'.19W
8	Bull Rock	Starboard	51° 35'.52N	010° 18'.07W
9	Great Skelling	Starboard	51° 46'.14N	010° 32'.43W
10	Tearaght Island	Starboard	52° 04'.47N	010° 40'.87W
11	Black Rock	Starboard	54° 04'.06N	010° 19'.28W
12	St Kilda	Starboard	57° 49'.63N	008° 39'.21W
13	Sula Sgeir	Starboard	59° 05'.93N	006° 10'.46W
14	Muckle Flugga	Starboard	60° 51'.32N	000° 53'.13W
15	Out Stack	Starboard	60° 51'.65N	000° 52'.47W
16	Outer Flaess	Starboard	60° 50'.28N	000° 46'.06W
17	Lamba Ness	Starboard	60° 49'.05N	000° 45'.26W
18	Holm Approach Buoy	Starboard	52° 30'.88N	001° 50'.22E
19	RA Buoy	Starboard	51° 19'.60N	001° 30'.12E
20	Owers Buoy	Starboard	50° 38'.59N	000° 41'.09W
21	No Man's Land Fort	Port	50° 44'.40N	001° 05'.70W
22	Snowden Buoy	Port	50° 46'.20N	001° 17'.75W
23	Finish			

Approximate Distance: 1802nm