

Series sponsor

in association with

Racing Series

‘MICROLINK’ THUNDERCAT RACING RYA NATIONAL CHAMPIONSHIP

‘CLEVEDON PIER’

TITLE: 2017 THUNDERCAT RACING CHAMPIONSHIP – Rounds 9 & 10

VENUE: Clevedon Pier, Clevedon, Avon, North Somerset, BS21 7QU

DATES: SET-UP: Fri 11th Aug / RACING: Sat 12th & Sun 13th Aug 2017

RACE INSTRUCTIONS

Organised By

M2M Racing Club Ltd and ThunderCat Racing Ltd

Microlink House, Brickfield Lane, Chandlers Ford, Hampshire SO53 4DP, Tel: 02380 240388

Event Communications

Fiona Pascoe - 07795 618701

Event Director

fiona@thunderuk.com

James Tapp – 07500 961171

Event Coordinator

james@thunderuk.com

Tracey Armstrong – 07748 152684

Event Secretary

tracey@thunderuk.com

RISK STATEMENT

Powerboat Racing is by its nature a dangerous sport and therefore inherently involves an element of risk. By participating in or becoming involved with Powerboat Racing organised by RYA affiliated clubs either as a participant, team member or otherwise individuals agree and acknowledge that:

- (i) they are aware of the inherent risk involved in the sport and accept responsibility for exposing themselves to such inherent risk, including risks to their person, their property, drowning, hypothermia, collision injuries burns and other physical injuries as well as possible death
- (ii) they have satisfied themselves that they have the necessary skill and knowledge to take part in the event and deal with the conditions that may arise in the course of a race
- (iii) they will not participate in the event whilst under the undue influence of alcohol, drugs or whilst otherwise unfit to participate
- (iv) they are responsible for the safety of themselves their crew their boat and their property whether afloat or ashore
- (v) the management of their boat including insurance is solely their responsibility
- (vi) scrutineering does not constitute a condition survey of the boat and it is solely their responsibility to decide whether or not to start or to continue in any powerboat race
- (vii) ensuring the efficiency and suitability of the helmets and racing vests worn is solely their responsibility
- (viii) the provision of a race management team, patrol boats and other volunteers by the event organisers does not relieve them of their responsibilities
- (ix) the provision of patrol boat cover is limited to such assistance particularly in extreme weather conditions as can be practically provided in the circumstances
- (x) to be bound by the conditions of the Race Entry Form, Racing Instructions and the General Competition Rules of the UIM and the RYA
- (xi) they will accept the decisions of the organising committee and officials nominated by the organising committee.

INDEMNITY: Participants in the event will be required on signing on to the event to save harmless and keep indemnified:

- (a) The owners of the premises at which the event is held;
- (b) The organising club, the sponsors and the RYA and their respective officials, servants and agents; and,
- (c) The other boat owners, drivers, passengers or mechanics engaged in the meeting (together with the "Indemnified Parties") AGAINST all actions, claims, costs, expenses and demands in respect of loss of or damage to the property of or personal injury sustained to the Indemnified Parties to the extent caused by the participants, their crew, their boat, their mechanics, support team, representatives or agents.

IMPORTANT NOTE: Persons under the age of 18 must have written authority signed by either Parent or Guardian.

THE RESPONSIBILITY FOR A TEAM'S DECISION TO PARTICIPATE IN A RACE OR TO CONTINUE RACING IS THEIRS ALONE

1. EVENT APPROVAL

This event has been approved by the event organisers. This event is insured by Everards Insurance Brokers on behalf of Novae. The UK National Authority is the RYA (Royal Yachting Association) that govern the UK rules and regulations of Powerboat Racing. All main race officials are RYA qualified. The UIM (Union Internationale Motonautique) is the World Governing body – This event runs by the UIM P750 Rules with local national RYA regulations. P750 is a Circuit UIM Class. The UIM P750 rules are in the RYA PB1 and RYA PB2 rule books. Our class rules supersede all general rules in either RYA Rule book.

2. RACE AND LICENCE STATUS

Class: P750 Pro Stock / Modified

Race Status: RYA 2017 ThunderCat Racing RYA National & Northern 'Need for Speed' Championships

Licence Status: 2017 National / International Licence

3. COMPETITORS RESPONSIBILITY

Competitors must read the Risk Statement and Indemnity at the front of these race instructions as well as the safety information at the back. By signing the race entry form and the RYA official signing on form at the event all competitors are bound by the rules contained in RYA PB1 2017 rules. It is the competitor's sole responsibility to decide whether or not to start or continue in a race once passed scrutineering. All competitors must read and fully understand the rules relating to start procedures, overtaking rules, flag procedures and emergency assistance procedures.

4. ORGANISING COMMITTEE AND RACE OFFICIALS

EVENT ORGANISATION

M2M Racing Club & ThunderCat Racing Ltd

Microlink House, Brickfield Lane, Chandlers Ford, Hants. SO53 4DP. Tel: 023 80 240388

Event Secretary: Tracey Armstrong – tracey@thunderuk.com

EVENT ORGANISING COMMITTEE

Fiona Pascoe, James Tapp, Tracey Armstrong, Paul Anslow (local organiser)

RACE / EVENT OFFICIALS

Officer of the Day	Danielle Strawford
Deputy Officer of the Day	Fiona Pascoe
Rescue Officer	Richard Strawford (acting Safety Officer as per PB1)
1 st Response Safety	K38 Water Safety

Race Secretary	Tracey Armstrong
Race Administration	Lynn Strawford
Chief Scrutineer	Geoff Purves
Scrutineer	Steve Wallace
Chief Marshall	David Drew
Medical Officer	David Connor/Mike Prosser (Enhanced Care Services)
Lap Counters	Andrea Drew, Annette Cousins, Jane Froud, Sarah Read
Officials in Training:	TBA by Bulletin at Race Control
On Site Event Logistics	Sam Grunfield
Medic Team	Enhanced Care Services
H/S Officer	Clive Richardson
Catering coordination	Carol Richardson
First response on-water safety	Ben Granata and K38 Team
On water support	Steve and Bobby Pidsley
On land support	Mark Armitage, Mike Kenny
M2M Medical Liaison	Jerry Pocknell (TBC)
Head of Event Site Marshalls	Mike Cousins
Event Liaison for Fiona Pascoe	Sam Grunfield
Official Photographer	Mike Powell
Commentator	Neil Sackley and Shelley Jory-Leigh
Social Media	Lucy Gould, Jordon Le Bon and Steve Wallace
RYA COMMISSIONER	Les Hudson

RACE COMMITTEE:

The race committee consists of the Officer of the Day, Deputy Officer, Rescue Officer, Chief Scrutineer, Chief Timekeeper, Medical Officer, Race Secretary and Race Director.

RACE JURY:

CHAIRMAN – SHELLEY JORY LEIGH

Jury	Mike Cousins, Sam Grunfield plus another
Note taker	Lynn Strawford

5. TIMETABLE GUIDE:




PLEASE BE AWARE THAT TIMINGS MAY CHANGE PLEASE CHECK EACH MORNING WITH RACE CONTROL!

We can guarantee at this venue we need to all work together... Racing will be early and finish early – we are hoping that the K38 pontoon maybe able to be used to extend the slipway to allow racing to be extended on Saturday. The course will be confirmed on Friday pre-event.

FRIDAY 11th AUGUST 2017	FROM	UNTIL
Set-up	10.00	
Teams arriving	12.00 onwards	
Scrutineering	When boats arrive	-
Saturday 12TH AUGUST 2017 – EARLY RACING!	FROM	UNTIL
Drivers Arrive From	07.00	
Race Administration Open	07.00	
Signing In	07.15	
Scrutineering	07.30	
Safety Briefing	08.00	
Drivers Briefing	08.30	
Launching / Recovery	09.00	13.30
Official Practice	10.00	
Racing (May change at Drivers Briefing)	10.30	12.30
Top Gun for all then Demonstration from the TCat Demo Team.	12.40	13.30 approx.
Retrieval of boats	13.10	14.00
Podium Presentation	15 mins after retrieval of all boats	

Sunday 13 TH AUGUST 2017	FROM	UNTIL
Drivers Arrive From	07.30	
Race Administration Open	07.30	
Signing In	07.45	
Scrutineering	08.00	
Safety Briefing	08.30	May change
Drivers Briefing	09.00	May change
Launching and Recovery	09.30	14.25
Official Practice	10.30	
Racing	11.00	13.30
Top Gun for all boats & TCat Demo Team	13.40	14.10
Retrieval of boats – after each team's Top Gun runs completed	13.50	14.30
Podium Presentation	After all boats are retrieved	
Prize Giving – After racing	To be advised	
Packing up after racing		

6. TIDE TIMES (BST)

11 Fri		▲ 5:51 h ▼ 20:41 h	4:15 h ▼ 1.5 m	10:05 h ▲ 12.9 m	16:30 h ▼ 1.7 m	22:25 h ▲ 12.9 m
12 Sat		▲ 5:53 h ▼ 20:39 h	4:50 h ▼ 1.5 m	10:45 h ▲ 12.6 m	17:05 h ▼ 1.8 m	23:05 h ▲ 12.5 m
13 Sun		▲ 5:54 h ▼ 20:37 h	5:25 h ▼ 1.8 m	11:25 h ▲ 12.1 m	17:40 h ▼ 2.1 m	23:45 h ▲ 11.9 m

7. RULES & REGULATIONS

The race/s will be run under current rules as stated in RYA PB1 2017 together with these Race Instructions and any other instructions issued before or at Drivers' Briefings or in Race Bulletins. The Organisers reserve the right to change these Instructions at any time for safety reasons, provided that any change will be in accordance with the current rules. Any changes will be notified to competitors in a Race Bulletin and, if possible, announced at Drivers' Briefing. Any infringement of the Rules or of the Race Instructions, or instructions issued at Drivers' Briefings or in race Bulletins may lead to disqualification or other penalties being applied by the organising club. Organisers have the right to refuse any boat which they consider unsuitable and/or which does not conform to the requirements of the present Rules.

Please note there are amendments to the UIM as per SA World Championship re: Propellers rule 504.13 does not apply to P750, exhaust port – casting mark may be taken away but must not be polished and there must be evidence that it was there.... Speak to Geoff Purves if any misunderstanding.

The Organisers may cancel or postpone the event or a race at any time in the event of bad weather, equipment failure or otherwise. The entry fee is not refundable.

8. RACE ADMINISTRATION AND REGISTRATION

On arrival to the race site, crew members must report immediately to Race Administration, which is situated within our dry pit area on the front at Clevedon. Race Administration contact details during the event are: Tracey Armstrong – 07748 152684 All crew members must produce all documentation required under RYA Class Rules and sign the RYA indemnity form. Crews not in possession of the correct paperwork will not be allowed to race.

9. PIT AREAS, PARKING & SPECIAL CONDITIONS

Dry Pits: AS PER DIAGRAM BELOW. ONLY TOW VEHICLE – TRAILER & BOAT/S ALLOWED IN DRY PITS – OTHER CARS TO BE PARKED FURTHER ALONG CLEVEDON PROMENADE.

Wet Pits: ON CLEVEDON BEACH –AS PER DIAGRAM BELOW

10. REFUELLING FACILITIES:

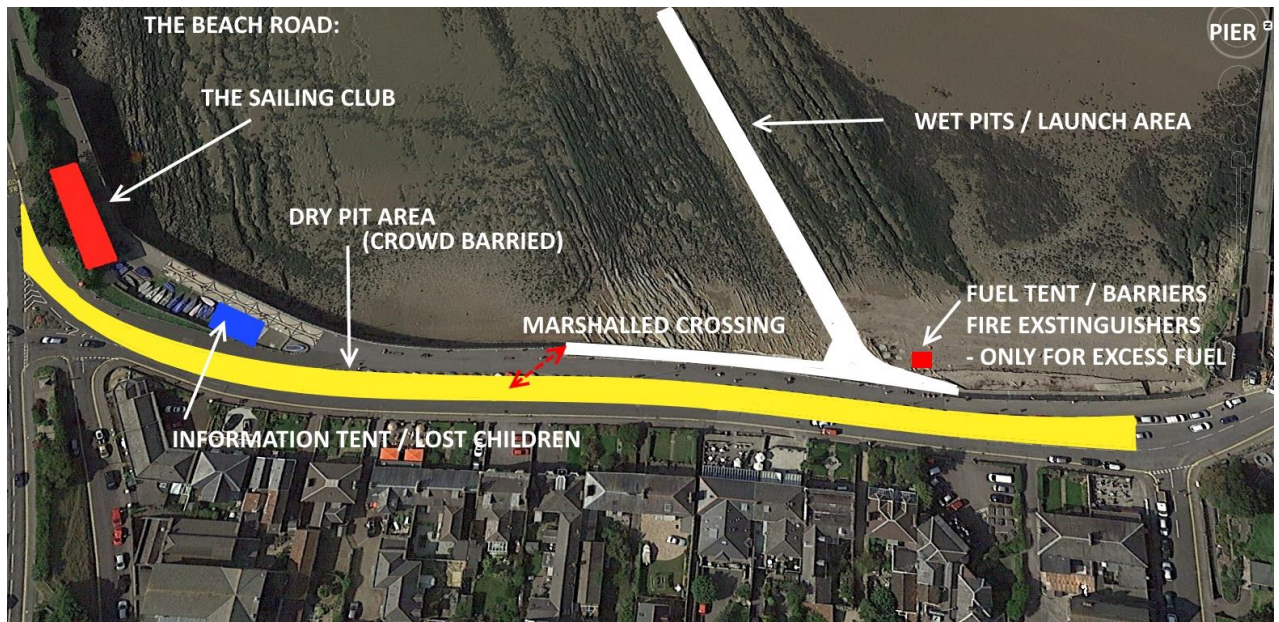
- THE BOATS MUST COME FUELLED AND WITH ENOUGH TANKS TO SWAP OVER – NO DECANTING!!
 - No transfer of fuel is permitted in the pit areas or launching areas. Refuelling is ONLY permitted in the designated Fuel Pit Area. All smoking of any type is prohibited in both pit and launching areas. This must be adhered to at all times, offenders will be penalised.
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11. PRE-RACE SCRUTINEERING

Pre-race scrutineering will take place in accordance with Class specific rules in PB1 2017 in the dry pits.

12. LAUNCHING

Launching is the boat crew's responsibility and should not be undertaken before scrutineering, unless otherwise stated. Scrutineering can take place on the beach if required. All class specific rules governing launching and recovery apply at all times. Please ensure that your boats are laid out as required by the scrutineers, if your team are ready to be checked! Please be aware that fuel tent is blue and its position may move, this can be for any of the site facilities if the H&S Officer (Clive Richardson) and Event Organiser deems it a requirement on the grounds of a Dynamic RA.



The fuel tent area maybe moved as the general public will be using the beach area. Therefore it could be in the Pit area or the other side of the slipway.

13. OFFICIAL PRACTICE ARRANGEMENTS

OFFICIAL PRACTICE FOR ALL BOATS WILL TAKE PLACE PRIOR TO RACING. DETAILS OF THIS WILL BE GIVEN AT DRIVERS BRIEFING. (Some have a goes for potential racers for 2018 will take place at the discretion and time of the OOD)

14. DRIVERS BRIEFING

Mandatory Drivers Briefing will take place in the: ThunderCat Tent. Signing-in for Drivers Briefing will commence 15 minutes before the Briefing. All crew for each race boat must sign in to the briefing by the start time and attend the entire briefing. A Roll Call may be held. Penalty for absence may be disqualification from starting the race or other penalties as defined in Class Rules or by the race organisers. Breathalyser and/or Drug tests may be given. The start of drivers briefing marks the end of the eligibility protest period and the Jury members will be introduced.

15. NOISE AND SPEED RESTRICTIONS

Competitors must obey all local regulations and Bye Laws relating to excessive speed and noise. All competitors are requested to refrain from starting their engines unless absolutely necessary before proceeding to the race or official practice sessions. Failure to observe local regulations will result in penalties being applied.

16. START PROCEDURES

The Deep water start... slow rolling start as per rules. Full details of the starting procedure will be given at Drivers Briefing however all class specific starts are explained in RYA PB1 2017.

17. COURSE DETAILS

Minimum lap lengths and start run must comply with the RYA PB1 2017. The schematic drawing of the course in these Race Instructions is provided for competitors' assistance and should not to be used as a chart for navigational purposes.

18. COURSE MARKS & RACE INFO

COURSE MARKS: A full description of each course mark, the start run, and laps, finish line, muster area and any Exclusion Zones will be given at driver's briefing. Please be aware that the course will be laid by line of sight not GPS Marks as the water and environmental concerns change by the day, thus evaluation each day is necessary. Until conditions are viewed on the Friday, the final decision on what course will be set will not be confirmed. (Standard procedure for ThunderCats)

OPTION A – MODIFIED M SHAPE COURSE LAP B.... AS A GUIDE.

OPTION B - CIRCUIT RACE DISTANCE: LAP A AND B... AS A GUIDE.

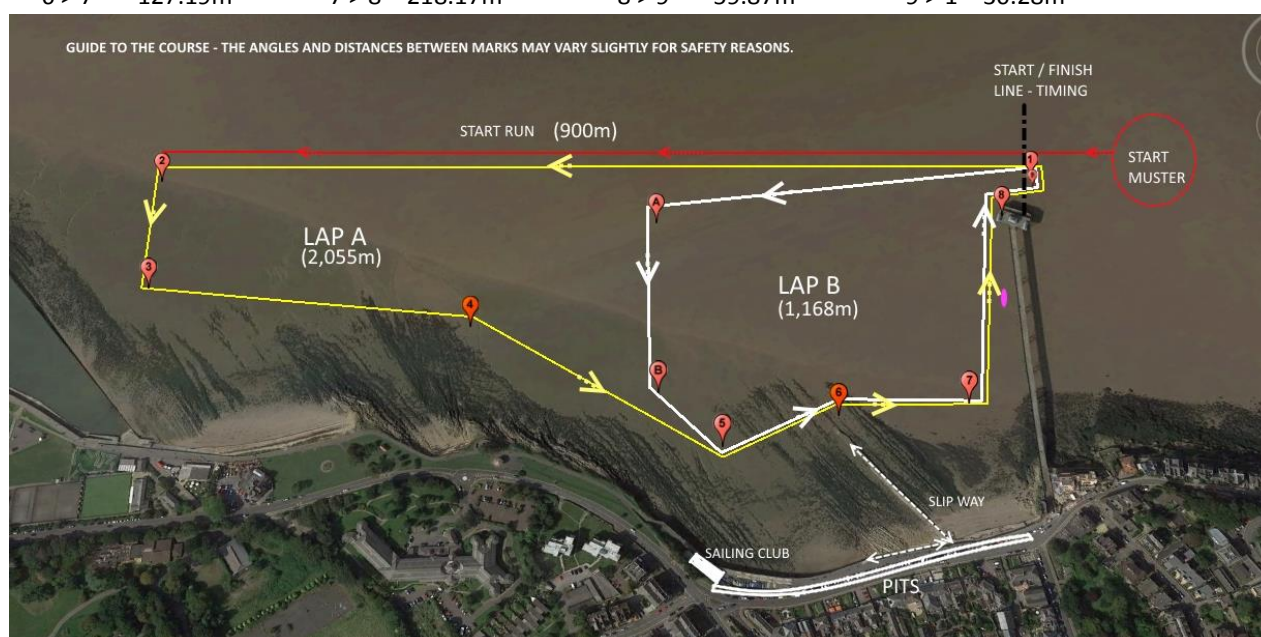
START RUN – 900m

Lap A approximately 2055m

1 > 2 = 830m	2 > 3 = 130.47m	3 > 4 = 294m	4 > 5 = 257.33m
5 > 6 = 107.69m	6 > 7 = 127.19m	7 > 8 = 218.17m	8 > 9 = 59.87m 9 > 1 = 30.28m

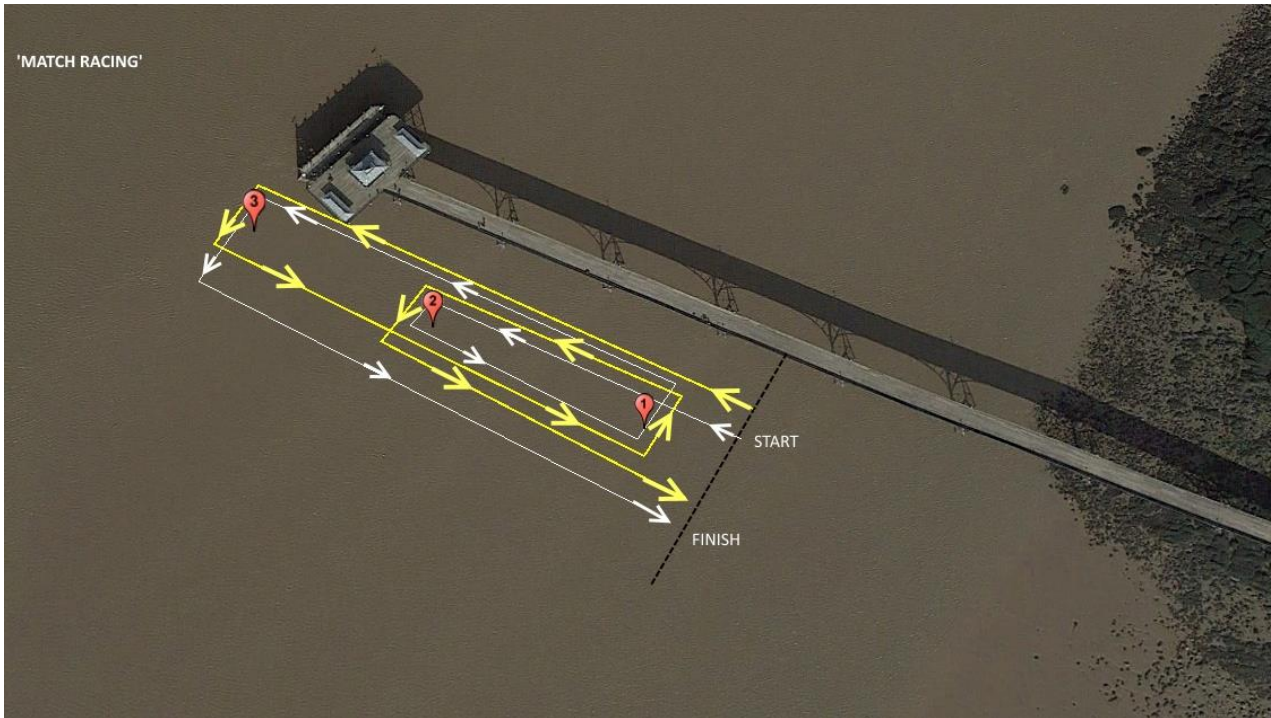
Lap B approximately 1168m

1 > A = 359m	A > B = 182.15m	B > 5 = 83.65m	5 > 6 = 107.69m
6 > 7 = 127.19m	7 > 8 = 218.17m	8 > 9 = 59.87m	9 > 1 = 30.28m



MATCH RACING:

- 'Match Racing' will take place after the main races each day. Two boats per race on an 'It's a Knockout' qualifying basis. Prize for the winner each day.
- ThunderCat Racing Demonstration Team will do their demo after Match Racing if there is time available.



19. FLAG SIGNALS

All flag signals are fully described in RYA PB1 2017 General Racing Rules and Class specific rules where differences occur. All Competitors must have a full understanding of all flag signals.

If a competitor fails to acknowledge 2 flags in any one race they may be immediately disqualified at the OOD's discretion and referred to the RYA for further disciplinary action.

20. POST-RACE DECLARATION

The **Driver and Co-Driver** must sign off at Race administration in accordance with Class specific rules. Failure to do so may result in exclusion from the results. **All Crew Members** must sign off at Race Administration before the end of the event and to collect race documentation.

21. POST-RACE SCRUTINEERING

Crew members must be available with their craft and all relevant mandatory equipment required by class rules for post-race scrutineering if required, up to one hour after the posting of the Results. One or more engines may be checked and fuel sampling may take place.

22. PENALTIES

In addition to the penalties referred to in the rules, the following penalties will apply at this event if explained at Driver's Briefing.

23. PROTESTS

Protests should be submitted in accordance with class specific rules RYA PB1 2017. The protest fee applicable to this event is of £100.00

24. PODIUM PRIZE GIVING PRESENTATION

The Provisional Placing's Podium Presentations will take place at by the Pits / beach in accordance with the timetable. Dress code for podium presentations: Team clothing – the Podium may move. TBA.

25. TROPHIES

Trophies will also be presented for the P750 'Pro Stock' for the overall weekend winners: 1st – 2nd – 3rd.
Modified – 1st Place

26. ACCOMMODATION:

1. One vehicle per team can stay in the Dry Pit area
2. Warren Holiday Village (No Dogs)
3. Campers and tents - <http://www.cranmoorcampsite.co.uk/>
4. Days Inn on the M5.

27. ENTERTAINMENT:

1. Informal get together – Saturday evening

Further info will be posted on the FB Clevedon Event Page.



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28. SAFETY TAKES PRIORITY OVER RACING AT ALL TIMES:

All race boats **MUST** observe the International Rules for the Prevention of Collisions at Sea (IRPCS) when encountering any other non-racing craft.

- a) Swimmers, board sailors, private and commercial craft of all types may be encountered. Competitors are reminded to keep a sharp look-out at all times and to take the necessary action in accordance with the IRPCS rules.
- b) Competitors are reminded to keep a sharp look-out at all times for any marine wildlife that may be encountered in the vicinity of the race course and take the necessary avoiding action.
- c) Competitors are warned to remember their speed and the fact that other craft may not be fully aware or able to keep clear.
- d) Competitors are asked to bear in mind that official patrol and rescue boats have no power to insist that any craft or swimmer should keep clear of the course of the race. Advice can only be given for the safety of other craft and swimmers.
- e) International Code Flag 'A' denotes DIVERS. Competitors must give a wide clearance of at least 100 metres.
- f) The course will be patrolled by official patrol and rescue boats with official observer boats in the vicinity of certain race marks; other race marks may be observed from the shore.
- g) Any official patrol or rescue boat may wave a yellow flag to give warning of imminent danger in its vicinity. Competitors seeing this signal are to acknowledge the signal, proceed with caution, not overtake other race boats whilst in the area of the incident and keep clear of the danger area. Any competitor who ignores or abuses the yellow flag may be penalised.