

Series sponsor

in association with

Racing Series

'MICROLINK' THUNDERCAT RACING CHAMPIONSHIP

'CLEVEDON PIER'

TITLE: 2016 THUNDERCAT RACING CHAMPIONSHIP – Rounds 9 & 10

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

DATES: SET-UP: Fri 26th Aug / RACING: Sat 27th & Sun 28th Aug 2016

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
Race Status:	RYA 2016 ThunderCat Racing Championship
Licence Status:	2016 Event / 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 2016 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 OFFICIALS

Officer of the Day	Danielle Strawford
Deputy Officer of the Day	Fiona Pascoe
Rescue Officer	Richard Strawford
Race Secretary	Tracey Armstrong
Race Administration	Lynn Strawford
Chief Scrutineer	Geoff Purves
Scrutineer	Steve Wallace
Chief Marshall	David Drew
Medical Officer	David Connor (Enhanced Care Services)
Lap Counters	Andrea Drew, Annette Cousins, Jane Froud
RYA Commissioner	TBA

Officials in Training:

Sam Grunfeld – Rescue Officer	Training Officer: Richard Strawford (Fiona Pascoe)
David Finlayson – Officer of the Day	Training Officer: Fiona Pascoe (Danielle Strawford)
Andrew Robinson – Scrutineer	Training Officer – Geoff Purves
Lynn Strawford – Race Secretary	Training Officer – Tracey Armstrong

EVENT STAFF

Event Coordinator	James Tapp
Medic Team	Enhanced Care Services
H/S Officer	Clive Richardson
First response on-water safety	Ben Granata and K38 Team
M2M Medical Liaison	Jerry Pocknell
Paramedic on water	Tracy Robinson
Head of Event Site Marshalls	Mike Cousins
Official Photographer	Mike Powell
Commentator	Anton Roberts
Social Media	John Moore
Corporate / Social	Laura- Jo Dredge / Alex Pacey / Katie Hopkins

RACE COMMITTEE:

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

RACE JURY - Chairman	James Tapp
Jury	Steve Gallienne, Mike Cousins, Mike Kenny, Phil Hillier.

5. TIMETABLE GUIDE: PLEASE BE AWARE THAT TIMINGS MAY CHANGE PLEASE CHECK IN EACH MORNING WITH RACE CONTROL!

FRIDAY 26th AUGUST 2016	FROM	UNTIL
Set-up	10.00	
Teams arriving	12.00 onwards	
Course to be confirmed	asap	
Saturday 27TH AUGUST 2016	FROM	UNTIL
Drivers Arrive From	08.30	
Race Administration Open	09.00	
Signing In	09.00	
Scrutineering	09.00	
Safety Briefing	10.00	May change
Brunch at signing on of Briefing	10.30	
Drivers Briefing	11.00	May change
Launching	12.30	13.30
Official Practice	13.40	14.00
Race Start 1	14.10	14.40
BREAK	14.45	15.00
Race Start 2	15.10	15.50
Top Gun (Boats who complete their runs then go back to Pits)	16.00	16.40

Retrieval of boats	16.30	17.30
Podium Presentation	15 mins after retrieval of boats	
The Master Plan Tour... can be joined at any time during the	Evening – more info to come	
Sunday 28TH AUGUST 2016	FROM	UNTIL
Drivers Arrive From	09.30	
Race Administration Open	10.00	
Signing In	10.00	
Scrutineering	10.00	
Safety Briefing	10.00	May change
Lunch	12.00	
Drivers Briefing	12.30	May change
Launching – May be able to launch earlier	14.00	15.00
Official Practice	15.10	15.30
Race Start 1	15.40	16.10
Break	16.15	16.30
Race Start 2	16.40	17.10
Top Gun (Boats who complete their runs then go back to Pits)	17.20	18.00
Retrieval of boats – after each team's Top Gun runs completed	17.35	18.30
Podium Presentation	After all boats are retrieved	
Prize Giving at the Yacht Club – After racing	19.30 – 20.00	Till late
Packing up after racing – May go into Monday if required		

6. TIDE TIMES (BST)

26 Fri		▲ 6:16 h ▼ 20:09 h	1:25 h ▲ 11.0 m	7:25 h ▼ 2.9 m	13:55 h ▲ 10.7 m	19:55 h ▼ 3.3 m	52 average
27 Sat		▲ 6:17 h ▼ 20:07 h	2:35 h ▲ 10.5 m	8:30 h ▼ 3.4 m	15:10 h ▲ 10.5 m	21:15 h ▼ 3.5 m	57 average
28 Sun		▲ 6:19 h ▼ 20:05 h	3:55 h ▲ 10.6 m	10:00 h ▼ 3.3 m	16:35 h ▲ 10.9 m	22:50 h ▼ 3.0 m	66 average
29 Mon		▲ 6:20 h ▼ 20:03 h	5:15 h ▲ 11.2 m	11:25 h ▼ 2.6 m	17:45 h ▲ 11.7 m		75 high

7. RULES & REGULATIONS

The race/s will be run under current rules as stated in RYA PB1 2016 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.

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 SWOP 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.

11. PRE-RACE SCRUTINEERING

Pre-race scrutineering will take place in accordance with Class specific rules in PB1 2016 in the dry pits.

12. LAUNCHING

Launching is the boat crew's responsibility and should not be undertaken before scrutineering, unless otherwise stated. All scrutineering can take place on the beach and reduce risk of traffic hazard with general public. 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!



13. OFFICIAL PRACTICE ARRANGEMENTS

OFFICIAL PRACTICE FOR ALL BOATS WILL TAKE PLACE AS PER TIMETABLE. DETAILS OF THIS WILL BE GIVEN AT DRIVERS BRIEFING. All competitors are reminded that it is an RYA requirement for crews to complete a minimum number of laps of the race circuit prior to racing. Full details of the Practice laps will be explained at Drivers Briefing.

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 2016.

COURSE DETAILS

Minimum lap lengths and start run must comply with the RYA PB1 2016.

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.

17. 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.

ENDURO CIRCUIT RACE DISTANCE: 2 RACES PER DAY: Start lap + 30 Minutes racing.

START RUN – 900m

Lap A approximately 2055m

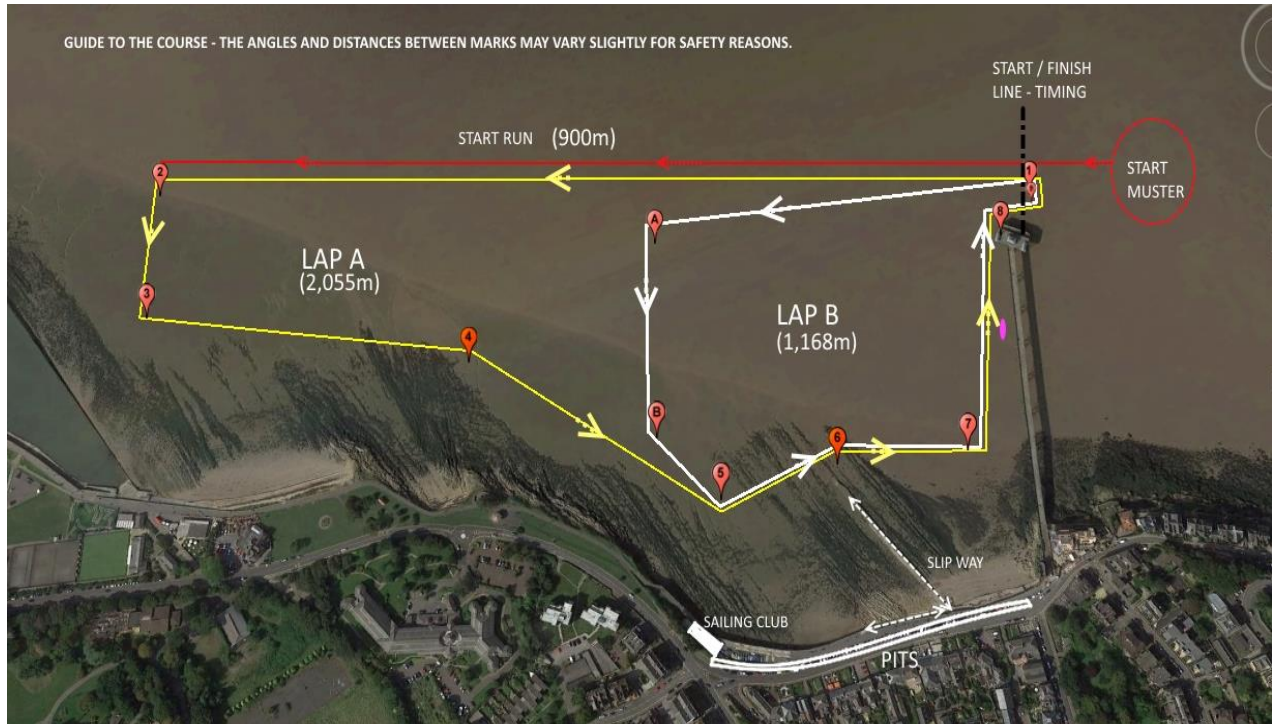
1 > 2 = 830m	2 > 3 = 130.47m	3 > 4 = 294m	4 > 5 = 257.33m
5 > 6 = 107.69m	6 > 7 = 127.19m	7 > 8 = 218.17m	8 > 9 = 59.87m 9 > 1 = 30.28m

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

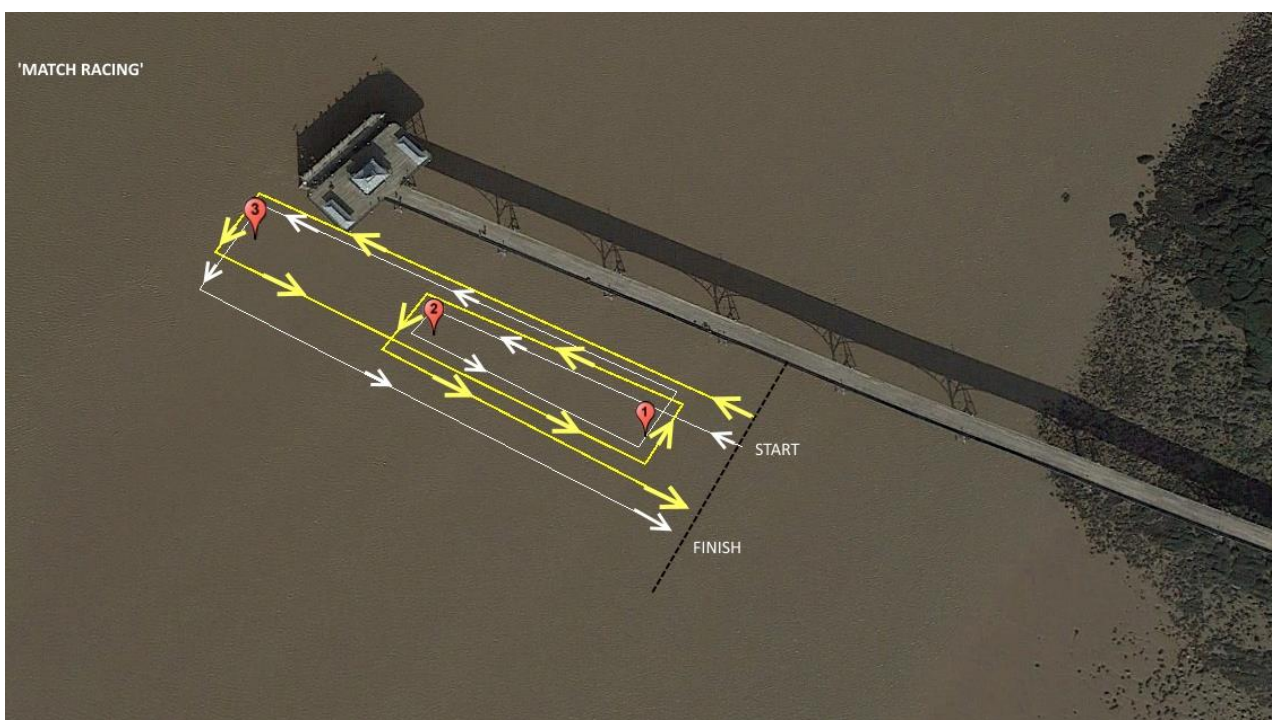
Course: The race will go live at the green flag as it is an Enduro longhaul.

Start lap being Lap A - Then a Lap B - Thereafter in the first 20 minutes the driver must take **two Lap A's** (long course). If any boat **takes Lap A** after the 20 minutes (being timed from the start/finish line) 3 points will be deducted. If the race needs to be curtailed then points can be awarded after 2 thirds of the race has been completed (20 minutes). The Chequered flag will be raised with a red flag to the lead boat.



MATCH RACING:

- 'Match Racing' will take place after the two main races each day. Two boats per race on an 'It's a Knockout' qualifying basis. Run over two days.



18.FLAG SIGNALS

All flag signals are fully described in RYA PB1 2016 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 2016. 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

Dress code for Prize giving: Team clothing PLEASE NOTE ALL TEAMS ARE EXPECTED TO ATTEND PODIUM / PRIZE GIVING TO CELEBRATE THE WINNERS.

25.TROPHIES

Trophies will also be presented for the P750 'Pro Stock' per round: 1st – 2nd – 3rd.

26.SAFETY INFORMATION

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.



further details to follow shortly.