



BRITISH RACING RULES 2012 EDITION

Published by:

BRITISH WATER SKI & WAKEBOARD
The Forum Hanworth Lane
Chertsey Surrey KT16 9JX
Tel: 01932 560007
Fax: 01932 570028

Email: info@bwsf.co.uk
Website: www.britishwaterski.org.uk

BWSW FEDERATION RACING RULES

Updated February 2012

CONTENTS	PAGE ORDER	Page No:
<u>SECTION 1:</u>	CURRENT INFORMATION	5
	EAME/NATIONAL CALENDAR 2012	6
	LIST OF OFFICIALS	7
<u>SECTION 2:</u>	RACING LICENCES & PERMITS	9
<u>SECTION 3:</u>	COMPETITION FORMAT	12
<u>SECTION 4:</u>	TECHNICAL RULES	15
	RULE 1 GENERAL	15
	RULE 2 DIVISIONS OF COMPETITIONS	15
	RULE 3 ENTRY REQUIREMENTS	16
	RULE 4 JUDGES - RACE OFFICIALS	16
	RULE 5 SPECIFICATION OF COMPETING BOATS	18
	RULE 6 CREW OF THE BOATS & COMPETITORS EQUIPMENT	27
	RULE 7 FLAGS	29
	RULE 8 DEPARTURE & CIRCUIT	30
	RULE 9 CONDUCT OF THE RACE	32
	RULE 10 TIMING	33
	RULE 11 PROTESTS	34
	RULE 12 EXCLUSIONS AND PENALTIES	35
<u>SECTION 5:</u>	OPEN WATER SKI RACING RULES	37
<u>SECTION 6:</u>	REGIONAL WATER SKI RACING RULES	40
<u>SECTION 7:</u>	CLUB WATER SKI RACING RULES	43
<u>SECTION 8:</u>	OFFICIALS QUALIFICATIONS	45
<u>SECTION 8:</u>	RIGHTS AND DUTIES DOCUMENT	46

SECTION 9: OFFICIALS DIRECTORY/ADDRESSES

47

INDEX A B C D E F G H I J K L M N O P Q R S T U V W X Y Z	Rule(s)	
• ALCOHOL	Consumption of	4.04/17
• ANCHOR	Type/Line	4.05/26 / 4.05/27
• BATTERY	Stowage	4.05/20
• BILGE PUMP		4.05/17
• BOATS	Maximum length	4.05/01
	Structural state	4.05/03
	Distances apart	4.08/03 , 4.09/06 , 4.09/11
	Decibel level	4.05/34
	Substitutions	4.08/11
• BRIEFING	Pre Race	4.03/04 , 4.04/13
• BUOYANCY		4.05/04
• CALCULATORS		4.04/11
• CHAMPIONSHIPS		1.04
• COMPASSES		4.05/15
• COMPETITIONS	Division of	4.02/01
	Details of	1.04 , 3.01/02/03 4.08/1
• COMPETITORS	Sportsmanlike behaviour	4.09/15
• CONTROL CABLES		4.05/07
• CREWS	Definition of / Age requirements	4.06/01 / 4.06/02 4.06/03
• DISQUALIFICATIONS		4.12/02/06
• DRIVER	Conduct during race	4.09/07
• DROP OFF AREA		4.04/13 , 4.09/13
• ENGINE	Condition	4.05/32
	Displacement	4.05/02
	Electrical harness	4.05/33
	Eligibility	4.05/30
	Exhaust Systems	4.05/34
	Mountings	4.05/31
	Wells	4.05/05
	When skier falls	4.09/02
• FINISH OF RACE		4.10/03
• FIREFIGHTING EQUIP	Competition Boats	4.05/14
	Judges & Safety boats	4.04/16
• FLAG POLE HOLDER		4.05/18
• FLAGS	Orange	4.06/10 , 4.09/01 , 4.09/02
	Specification & meanings	4.07/01 , 4.07/02 , 4.07/03
• FLARES		4.05/16
• FOOTWEAR		4.06/08
• FUEL	Lines	4.05/09
	Tanks	4.05/08
	Type	4.05/09
• GIVING WAY	During race	4.09/10
• HELMETS	Specifications	4.06/09
	Wearing of	4.09/12
• INSURANCE	Third party	4.03/03

• JACK PLUG		4.05/10
• JUDGES	Appointment of Chief	4.04/01, 4.04/02, 4.04/03
• JURY	Appointment of	4.04/06
• LICENCES	Home & International	2.01/01, 2.05
	Suspension or removal	4.12/10
• LIFE JACKETS	Skiers	4.06/07
	Drivers and Observers	4.06/08
• MEDICAL PRACTITIONER		4.04/14
• NUMBERS	Dimensions of	4.05/21
	On trailers	4.05/36
• OBSERVERS	Conduct during race	4.09/01, 4.09/02
• OVERTAKING		4.08/07, 4.09/04, 4.09/06
• PENALTIES		All Rule 12
• POINTS CALCULATION		4.10/05
• POINTS SCORERS		3.08, 3.09, 3.14,
• PROPELLERS	Security	4.05/35
• PROTESTS		4.11/01/02
• RACE COURSES		4.08/04
• RACE DISTANCES		4.08/01
• RACE ORGANISER		4.04/07
• RESCUE SERVICE		4.04/08
• RULES	Amendments	4.05
	Exceptions	4.03
	General	3.06, 4.01/02/03/04/05
	Interpretation	4.04
• SAFETY OFFICER		4.04/08
• SCRUTINEER		4.04/09
• SEATS	In competing boats	4.05/11
• SHARP EDGES	Mascots, bow fittings etc	4.05/24
• SKIER	Contact with boat	4.09/02
	Fastening of tow line	4.09/08
	Proper skiing position	4.10/04
	Remaining in wake	4.09/03
• SKIS		4.06/04
• STARTER		4.04/10
• STARTS	Types of	4.08/02
	Procedure	4.08/03/04
• STEERING	Gear etc	4.05/06
• SUMMARY JUDGMENTS		4.12/07
• TEAMS	Divisions of competition	3.09, 3.12, 3.13, 4.02/1
	Notification of	4.03/05
• THROTTLE CONTROL		4.05/10
• TIMEKEEPERS		4.04/11, 4.04/12
• TIMING		4.10/1, 4.10/2
• TOWING CLEAT		4.05/22
• TOW LINE	Skiers	4.06/5, 4.06/6
• TOW ROPE	Boats	4.05/23
• TURNS	Marking and Control of	4.04/05, 4.08/05, 4.08/06
	Conduct of competing boats	4.09/10

• WINDSHIELD		4.05/25
--------------	--	-------------------------

Wherever the words appear:

‘British Waterski & Wakeboard’ is abbreviated as BWSW throughout this document

‘British Waterski Racing Committee’ is abbreviated as Racing Committee throughout this document.

‘British Waterski Ski Boat Drivers Award’ is now abbreviated as SBD (2) throughout this document.

‘British Waterski Race Boat Drivers Award’ is abbreviated as RBDA throughout this document.

‘International Waterski Federation’ is abbreviated to IWWF

‘Region Europe & Africa, Waterski Federation’ is abbreviated as E&A throughout this document.

Where a masculine term is used it shall also imply feminine.

Main Race: Formula 1, 2, 3 and Open Main.

Support Race: Ladies, Seniors, Juniors and Open Support.

BritKids A : 8 years & up to 11 years old on 1st January of the year of competition

BritKids B : 12-13-14 years old on 1st January of the year of competition

PLEASE NOTE THAT ANY NEW OR REWORDED RULES ARE INDICATED IN RED IN THIS 2012 EDITION OF THE RULES, THESE AMENDMENTS IN SUBSEQUENT EDITIONS WILL REVERT TO BLACK PRINT.

SECTION 1 – CURRENT INFORMATION

1: PRICE STRUCTURE FOR CURRENT YEAR

1.01: LICENCES

Item	£ per annum
Any National Licence	£40.00 VAT exempt prior to 1st April 2011. £50.00 thereafter
BritKids A and BritKids B	£20.00 VAT exempt
Day Licence	£20.00 VAT exempt
Any International Licence	£30.00 VAT exempt
Fine for non-production of Licence (payable to BWSW)	£10.00 VAT exempt
Boat Number Registration	£10.00 including VAT
Club Licence i.e. Driver or Observer's Licence	£10.00 VAT exempt
<i>There is a total reduction of £5 for competitors receiving information by email</i>	

1.02: ENTRY FEES FOR NATIONAL CHAMPIONSHIPS

A payment shall be made equal to the number of races organised at the beginning of the season multiplied by £100 and is to be paid no later than April 1st 2012. However the maximum fee payable is £600 reduced to £400 if payment is received before April 1st 2012 (this may be paid in 2 parts provided the total is paid prior to April 1st). Juniors & Competitors who are participating in Racing for the first time will pay a maximum of £300 reduced to £200 if payment is received before April 1st 2012.

Any team not having paid in advance will be charged £100 per race on the day, however Log Books for scrutineering will only be issued to competitors who pay all their race fee's by 1st April. Therefore a scrutineering sheet will only be issued to a competitor paying on the day when they have paid their race entry fee, any boat not scrutineered prior to the start of briefing will not be allowed to race. These rates apply to F1, F2, F3, Main Open, Support Open, Ladies and Seniors.

Juniors using this method will be charged £50 per race, however the same clause relating to scrutineering will apply.

Skiers in any category entering their first year of racing using this method, will be charged £50 per race however the same clause relating to scrutineering will apply.

BritKids A and BritKids B do not pay any entry fee, however as of 2012 a licence fee will apply.

Any skier may race at any ONE National and will be charged an entry fee of £25. In the event of that race cancellation the entry is non-refundable or transferable to another venue. Any points scored are NOT applied to any future points scored in the National series by that skier. They may not take any further part in the National series unless the full entry fees are paid.

Skiers cannot change for points from Support Race to Main Race categories mid-season or Main Open to Formula classes, any race entries paid are non-transferable ie: if you race in the Main race & Support race you pay both entry fees.

PAYMENT: On the basis that there are eight races in the program for 2012 It is to be noted that competitors are only being asked to pay for six races for the season. They may, however, compete in all eight races at no additional cost to themselves for the extra two races. Payment details are on the entry packs.

1.03: LEVIES PAYABLE FOR EVENT REGISTRATION

Event	Levy payable on Registration
Club & Race	£0
Regional Race	£0
National Race	£0
European and World Events	Price on Application

1.04: EAME/NATIONAL CALENDAR 2011

Date	Venue	Officials
12/13 th May	Lyme Regis British National Round 1	Chief Judge: Assistant:
17/20 th May	Tulln/Vienna Austria Europe Cup Round 1	Chief Judge: Assistant:
27 th May	Hunstanton British National Round 2	Chief Judge: Assistant:
2/4 th June	Loch Hearn Scotland British National Round 3 & 4	Chief Judge: Assistant:
2/3 rd June	Harderwijk Holland International Open	Chief Judge: Assistant:
17 th June	Cardiff British National Round 5	Chief Judge: Assistant:
1 st July	Viersel Diamond Race Belgium, Europe Cup Round 2	Chief Judge: Assistant:
8 th July	<i>Geel Europe Cup Round 3 Belgium</i>	Chief Judge: Assistant:
21 st July	Catalina Race Long Beach USA IWWF Open	Chief Judge: Assistant:
21/22 nd July	<i>Brixham</i> British National Round 6	Chief Judge: Assistant:
28/29 th July	Eguzon France	Chief Judge:

	Europe Cup Round 4	Assistant:	
5 TH August	Fevaca Race Willebrook Belgium International Open	Chief Judge: Assistant:	
10 th – 19 th August	European Championships Genk Belgium	Chief Judge: Assistant:	
6 th Sept	Circuit Zolder Race Belgium International Open	Chief Judge: Assistant:	
16 th Sept	Stone <i>British National Round 7</i>	Chief Judge: Assistant:	
22/23 rd Sept	Weston Super Mare <i>British National Round 8</i>	Chief Judge: Assistant	
24 th November	Thistle Hotel Brighton	National Racing Forum and Racing Ball	

It should be noted that due to tide restrictions some venues will race the Brit Kids on a Saturday, so you should check the individual venues race instructions.

2: LIST OF BRITISH OFFICIALS

International Judges	National Judges
Paul Cole (VHF) Derek Blackmore (VHF)	Aubrey Sheena (VHF) Dal Spinola (VHF) Michelle Norman (VHF) Tony Williams (VHF) Mike Spindley (VHF) Derek Sewell (VHF) Richard Green(VHF)
1st Year Assistant National Judges	2nd Year Assistant National Judges
None	None
Regional Judges	Club Judges
Steve Benny (VHF) Gary Clark Peter Driscoll (VHF) Dave Llewellyn (VHF) Tim Mayers (VHF) Dave Waldock (VHF) James Waldock (VHF) Robert Waldock (VHF)	Frank Fleming Sue Fleming

National Timekeeping and Lap Recording Officials	Scrutineers
Sue Fleming Jenny Manchett Lynda Manchett Michelle Norman Laura Seward Mike Waterman Wendy Waite Sam Washer	Rod Hawkins (Chief Scrutineer) Greg Bassam Steve Benny Gary Clark Frank Fleming Barry Frame John Grimes Colin Harris Rob Jenkins Tim Mayers Darren Elliott Kelly Turner

Racing Committee	RBDA Examiners
Barry Frame – Chairman Tim Mayers – Vice Chairman Mike Waterman – President of EAME and Treasurer Derek Blackmore – Team Captain Paul Cole – Executive Chief Judge and H&S James Bartlett– Skiers’ Representative Bradley Cannings – Drivers’ Representative Nigel Newland – Observers’ Representative Dave Silver Mandy Rix – Secretary Rob Jenkins Simon Gale	Barry Frame Derek Blackmore Dave Llewellyn Tim Mayers Tony Williams Paul Cole Mitch Clarke Greg Bassom
Technical Committee (with advice from the Chief Scrutineer)	
Derek Blackmore Tim Mayers Paul Cole Rob Jenkins	

The addresses and contact numbers for these officials are shown at the end of these Rules.

All Judges will need to obtain a VHF DSO (Digital Selective Calling) Licence before they will be able to act as Chief Judge for any race run under BWSW Racing Rules.

SECTION 2 - RACING LICENCES AND PERMITS

In order to compete in a BWSW National, Regional, Club or Open race a skier and his/her crew must be in possession of the appropriate current Racing Competitors licence and be aware of and comply with the following criteria.

Wherever the word "licence" appears in these Rules it means a BWSW Racing Competitors Licence (Skier, Driver or Observer) unless otherwise stated.

2.01/1: GENERAL RULES APPLYING TO ALL RACING LICENCES

- All competitors shall be Associate Members of BWSW for the current season.
- All licences are issued for 12 months running from 1st April to 31st March annually.
- The Racing Com has the right to refuse to issue, renew or withdraw any licence at any time.
- It is **strongly recommended** that all licence applicants aged 16 or over attend a basic first aid course with either St John's Ambulance or the Red Cross. (Renewable every 3 years).
- There are two standards of licence for Observers and Drivers – Novice and Full.
- New applicants for observers and drivers licences will be issued with a novice licence
- There is only one standard of skiers licence.
- Licences shall be issued annually by BWSW Office.
- Licence applications must be received at the BWSW Office by the Thursday prior to the date of the race for which they are required.
- Licences shall not be issued to members who have a disability which could affect their racing performance.
- Licences shall not be issued to anyone banned by a member club.
- Anyone re-applying for a Boat Driving Licence must hold a SBD(2) Certificate and new applicants shall hold a RBDA.
- A new application requires two signatures from the applicant's BWSW Member Club Commodore and Committee.
- In the case of BWSW members who are not members of an affiliated water ski club the signatures of two Racing Com members will be required.

2.02: LICENCE REQUIREMENTS (All participants must be BWSW Members)

2.02/1: REGIONAL CLUB AND OPEN RACES OF ALL TYPES

Skiers do not require a BWSW Racing licence.

Observers in F2, F3 & Open Class boats require at least a Novice Observers Licence or club licence

Drivers in F2, F3 & Open Class boats require at least a Novice Drivers Licence and SBD(2) or club licence

Observers in Formula 1 boats require a Full Observers Licence.

Drivers in Formula 1 boats require a Full Drivers Licence

2.03: NATIONAL RACES:

2.03/1: SKIERS LICENCE

Available to any BWSW member who submits duly completed application form together with fee. Current Drivers or Observers licence holders may obtain a skiers licence but a separate application must be made – no additional fee is payable. **Note:** For Britkids B up to and including the 31st December of the year of their 15th birthday their licence is FREE but formal application must be made

2.03/2: NOVICE OBSERVERS LICENCES

Applications may be made by any BWSW member who has passed his 16th Birthday who submits duly completed application form together with fee. Novice observers may **NOT** race in Formula 1. Current Drivers or Skiers Licence holders may obtain a Novice Observers licence free of charge A separate application shall be made.

NOTICE FOR 2012 SEASON ALL NATIONAL OBSERVER LICENCE APPLICATIONS ARE SUBJECT TO A COMPLETED MEDICAL FORM

2.03/3 NOVICE OBSERVERS LICENCES FOR Britkids A and B CLASS

Observers can upgrade to a Full Observers Licence only after obtaining one signature for every two races completed. A total of 5 signatures need to be obtained for a Full Licence. Signatures may be obtained retrospectively for the season 2008. Novice Observers may not compete in F1 boats. **The appropriate fee must be paid along with a BWSW medical report. Medical forms are available from BWSW.**

2.03/4: FULL OBSERVERS LICENCES

Available to the holder of a Novice Observers Licence.

To upgrade, an applicant should have completed one full season as a Novice Observer and shall have signatures on their Novice licence confirming he/she has competed satisfactorily in a minimum of 5 National races (excluding BritKids A and B). A written application shall be made to BWSW enclosing the Novice licence. **The appropriate fee must be paid along with a BWSW medical report. Medical forms are available from BWSW.**

After a lapse of 2 years from competition observers licences will only be issued after re-submission to BWSW Racing Com who will decide what level of licence shall be issued.

2.03/5: NOVICE DRIVERS LICENCE

Applications may be made by any BWSW member who is 18 years or above on the 1st January in the year of competition who has not previously held a Racing Drivers Licence. Applicants may **NOT** use a Formula 1 boat and have to compete in National Main or Support races only (excluding BritKids A and B), for a minimum of one full season obtaining the minimum five signatures from National races.

Applicants must be in possession of an SBD(2) and RBDA qualification. The appropriate fee must be paid along with a BWSW medical report. Medical forms are available from BWSW.

The SBD(2) can be acquired from a BWSW authorised centre or through your local club, if BWSW registered. The RBDA is a practical and written exam taken at local level via an appointed BWSW examiner.

Examiners: Tim Mayers, Derek Blackmore, Greg Bassam, David Llewellyn, Barry Frame Tony Williams, Paul Cole and Mitch Clarke

2.03/6: FULL DRIVERS LICENCE

Upon receipt by BWSW of a written application and old Novice Licence with the signatures showing satisfactory participation in 5 National races (excluding Britkids A and B) a Full Boat Drivers Licence shall be issued.

After a lapse of 2 years from competition drivers licences will only be issued after re-submission to BWSW Racing Com who will decide what level of licence shall be issued.

2.04: DRIVERS & OBSERVERS MEDICAL CERTIFICATE

Applications for a National or International Drivers & Observers licence shall be submitted together with a valid BWSW Medical form. Every driver requires a new medical every two years.

2.05: INTERNATIONAL LICENCES

International Skiers, Drivers and Observers Licence's shall only be issued to holders of full BWSW Licence's who have satisfactorily completed a **minimum of 5 National races**. The Racing Com. has the right to refuse to issue an International Licence. Skier, driver and observer require a BWSW medical, completed biannually.

2.06: LOG BOOKS

On registration a Scrutineering Log Book will be issued. This must be retained by boat owner and must be returned with the following year's registration form. Log books, Licences and Insurance details must be handed in at signing-in after scrutineering. They will be returned at briefing. Any Competitor, Skier, Driver or Observer shall bring their licences with them if called for by the Chief Judge.

PENALTY 4.05/05 = 3%

SECTION 3 - COMPETITION FORMAT

BRITISH NATIONAL CHAMPIONSHIP SERIES

3.01: The British National Racing Series

Consists of races held annually. The Racing Com. determine the number of races held in any year and their venue. At each venue three races shall be held, the Main Race and the Support Race (BritKids A and B Race 15 minutes plus 1 lap and 25 mins plus 1 lap respectively)

The Main Race shall be for 50 minutes plus one lap duration.

The Support Race shall be for 35 minutes plus one lap duration.

At the Race Committee's discretion the National series may contain a timed Sprint type race.

3.02: British Sprint Championship (if relevant)

A series of races of 35 + 1 lap and 25 +1 lap held at a venue over a two day period. The series will encompass all classes wherever possible. Format to be decided by the event organisers.

3.03: British National Champions

The British National Champions in each category & Overall National Positions (Main & Support race) shall be calculated using the best 6 results from the 8 races held. If less races are held or events are cancelled the calculation shall be as follows:

- 6 results from 8 races held
- 5 results from 7 races held
- 4 results from 6 races held
- 4 results from 5 races held
- 3 results from 4 races held

3.04: Formulae and Age Categories

Details of the categories within each race for all National Championships are shown later in this book. A skier may enter the support race in addition to the main race provided an entry fee is paid for each race entered.

3.05: Rules

All Races run to BWSW Racing Rules.

3.06: Cancellation of National Races

In the event that a race is cancelled on the day due to adverse weather or other conditions the race will not be re-run. No entry fees for the race will be refunded. Competitors failing to pay the due fee will not be allowed to enter any National race until the debt is cleared.

3.07: Signing In

See rule 4.03/4 to 5

If competitors are late signing in Rule 4.03/4 will apply.

PENALTY 4.03/054 = 3%

3.08: Club Championship Points

All club team captains must submit a written list of nominated skiers to the Chief Timekeeper prior to each race. Failure to do so will result in no points being awarded. Each club should nominate a team of 4 skiers from the Main Race and 4 from the Support Race. awarded will be 6 to 1 in the main race and 4 to 1 in the support race.

Only nominated skiers will be included in the points allocation, i.e., if finish result is first A, second B, third C and fourth D and only B and D were nominated skiers, they would receive 6 and 5 points respectively. Skiers must inform Chief Timekeeper of the club to which they wish their points awarded to at the first National event they attend. Skiers are not allowed to change clubs mid-season.

3.09: Youth Team Trophy

All club team captains must submit a written list of nominated youth skiers (Junior & Britkids B only, girls and/or boys) to the Chief Timekeeper prior to the first race. Failure to do so will result in no No BritKids A or B. Points points being awarded. Changes in teams at subsequent races must be notified in writing and Dated. Each club shall nominate a team of 3 skiers in the support race. Points will be awarded for placement based on the youth team skiers only with the first place being awarded 6 points, second 5 points and so on down to 1 point for competing. At the Racing ball a trophy will be presented to the winning club youth team

BRITISH ALL REGIONS RACE

3.10: Entry Forms:

Entry forms will be sent to Regional Chairmen and Racing Officers. Anyone interested in representing their region should contact either of these officials in the Region for which they qualify to represent.

3.11: Qualification for Entry

The competition is open to Regional Teams from the English Regions and the National Associations of Scotland and Wales.

All competitors must be current BWSW members.

All Drivers and Observers must be in possession of a Racing Driving licence (full or novice with the same rules applying as for British National races).

3.12: Regional Teams are selected on the following basis:

“A skier may only be selected for his/her region of residence, with the exception that he/she may ski for the last region for which he/she has previously been selected by virtue of residence.”

3.13: Teams

Each region may enter one team for each of the following classes as defined in BWSW Rules: F1, F2, F3 Main Open, Ladies, Junior, Seniors, Support Open, Brit A and Brit B.

The following limitations apply:

Skiers may take part in only one formula and one age category race each.

Drivers may only drive a boat which he/she regularly drives.

3.14: Points

11 points will be awarded to the winner of each race, 10 to the second place, etc. All non finishers will receive 1 point. The best 7 results (out of the ten possible) will be totalled to give the points total for each region.

OPEN RACES:

Licences are required for Open races placed on BWSW calendar. **(See Club Racing rules, page 35)**
As per rule 2.02/1

REGIONAL RACES:

Regions shall register Regional Races with the BWSW Racing Com. Regional races must be run to this current rule book. **(See Regional Racing rules, page 38)**

CLUB RACES:

Club races must be run to this current rule book. **(See Club Racing rules, page 43)**

If your club is staging an Open, Club or Regional race during the season, a BWSW Racing Judge must be contacted to officiate. A full Officials Address List is printed at the back of this book

WORLD CHAMPIONSHIPS:

The World Racing Championships are held biennially in odd numbered years; The BWSW Racing Com. shall select a team to represent Great Britain. Each competitor must be in possession of an International Racing Licence.

EUROPEAN CHAMPIONSHIPS:

The E&A Racing Championships are held biennially in even numbered years. They take place over a number of days, usually 8, in accordance with the rules of the IWWF E&A Region Racing Council. The BWSW Racing Com. shall select a team to represent Great Britain. All competitors must be in possession of an International Racing Licence.

EUROPEAN CUP RACES:

A series of races held annually throughout Europe. Cumulative points are awarded leading to the E&A Cup Champion in each Formula and Category. Entry shall be through the BWSW and endorsed by the Racing Com. All competitors shall have a valid current International Racing Licence. The rules, Formula and Categories of race shall be set by the IWWF E&A Region Racing Council.

INTERNATIONAL OPEN:

Open International Races are detailed in the published calendar. To participate, approval for the entry is required from the BWSW Racing Com.

For all International competitions listed above, competitors must be in possession of an International Licence and application forms are available on request from BWSW Office. Approval of application for an International Licence is at the discretion of the Racing Com.

SECTION 4 - TECHNICAL RULES

BWSW Bylaws concerning competitors behaviour, official's behaviour and Doping Rules apply to all persons participating in water ski racing in Britain. Copies of these rules are available free of charge to licence holders and officials or can be downloaded from the BWSW web site – <http://www.britishwaterski.co.uk>.

It is strongly recommended that anyone practising or training for water ski racing follow the safety regulations and personal protection equipment contained in these rules at all times.

1: GENERAL

4.01/1 These rules apply to:

- (a) Circuit Races (Sprints and races of more than 2 laps)
- (b) Distance Races (Point to Point)

4.01/2: Interpretation of the rules:

Questions of interpretation of the rules shall be referred to the BWSW Technical Com. and endorsed by BWSW Racing Com. Any interpretation by the Racing Com as a whole shall be considered final.

4.01/3: Amendments to the rules:

These rules may be amended by the BWSW Racing Com. And published on the BWSW Website. They shall become effective immediately on matters of safety and 30 days for other matters.

2: DIVISIONS OF COMPETITIONS

4.02/1: British National Championship Races will each consist of two or more races split into Formulae and/or Age categories.

The main race is divided into Formulae (F1, F2, F3 Main Open) and is open to any age or sex of skier.

The support race is divided into the following categories:

Junior	Up to and including the year of their 17 th Birthday
Senior Men	35 years of age and over
Ladies	Open to Ladies of all ages
Open Class	Any age – see below
BritKids A	8 years & up to 11 years old on 1 st January of the year of competition
BritKids B	12-13-14 years old on 1 st January of the year of competition

With the exception of juniors ages apply as at the 31st December of the year before that in which competition will take place.

At the end of the season a calculation will be made to extract the best Under-18 skier from the Main race results.

OPEN CLASS SUPPORT RACE:

- * Skiers who have raced in the main race during the season may not enter the Open Support Class for points.
- * Any formula boat may be used and British National Racing Rules apply.
- * Skiers must be members of BWSW.
- * Drivers and Observers must conform to the National Licence Rules.

3: ENTRY REQUIREMENTS

4.03/1: All members of each competing team must be current members of BWSW and must be in possession of the current appropriate competition licence.

4.03/2: All licences to be shown at the start of the season complete with signatures and photos. These will be returned to competitors but must be brought to all races for collection at signing-in and to be returned at briefing. The timekeeper will provide a start list to the judges for roll-call at briefing. Licences without photographs or signatures must be completed by the next race. If not, the Licence Holder will result in a penalty.

PENALTY 4.12/03 = 9%

4.03/3: All teams must be covered by third party insurance to a minimum amount of £1,000,000. Confirmation of which must be shown at signing-in. A list may be compiled and sent to a BWSWF approved insurer requesting them to inform us of cancellations or changes to the policies of any competitors on the list. If there is no boat race number on the certificate this will be written on.

4.03/4: Drivers shall sign-in at least 1 hour prior to Briefing and produce their Scrutineering Log Books duly signed for the event by the scrutineer. Non-compliance shall incur a penalty. Boat crews must attend the briefing and failure to do shall result in disqualification.

PENALTY 4.12/03 = 3%

4.03/5: Timekeepers must be informed of any changes to crew or boat numbers as early as possible on race day. Failure to notify the Timekeepers of any change will result in a penalty.

PENALTY 4.12/01 One minute

4: JUDGES - RACE OFFICIALS

- 4.04/1: Chief Judge, Assistant Chief Judge and Chief Timekeeper** shall be appointed by the Executive Chief Judge for all National events. The organising club is responsible for appointing all other officials (see List of Obligations). All officials are responsible to the Chief Judge who is ultimately responsible to the Executive Chief Judge and the BWSW Racing Com. All officials at the race shall be members of BWSW, unless recruited from an accepted professional organisation for specific duties. All Chief Judges must hold a VHF DSO Radio Licence.
- 4.04/2: Chief Judge:** Is responsible for briefing his Assistant Judges and competitors and for verifying that time-keepers, lap recorders, calculators and scrutineers carry out their jobs correctly.
- 4.04/3: The Chief Judge's** decision shall be final for the event. Any subsequent inquiry should be directed to the BWSW Racing Com.
- 4.04/4: Assistant Judges:** Shall be qualified International, National, Assistant National or Regional, racing judges. They will be briefed by the Chief Judge and report infringements of the rules they have observed to the Chief Judge as soon as possible. They are not empowered to impose penalties themselves directly.
- 4.04/5: Turn buoy Judges:** The control and observation at the turn buoys shall be carried out by at least a BWSW member, preferably Club judges (or higher qualification) who will submit a verbal report to the Chief Judge at the end of the race.
- 4.04/6: Jury:** Shall consist of Drivers, Observers, Skiers Representative or their nominated alternate, plus one other judge. Chaired by the Chief Judge. The jury decision is final and binding. (See Rule 11 Protests).
- 4.04/7: Race Organiser:** Appointed by the organising club. Reports to the Chief Judge on Race Day. Should be land based and in communication with the Chief Judge at all times. Normally not a competitor but can compete if a replacement is available.
- 4.04/8: Safety Officer:** Normally a member of the organising Club with knowledge of local water conditions, responsible for deployment of safety boats and advising the Race Organiser and the Chief Judge of dangerous conditions. He may also be required to advise the Chief Judge on the likely safety of competing boats under local water conditions before the Chief Judge allows the boat to start in a race.
It is the Safety Officer's responsibility to brief rescue boat drivers and to check that all competing and officials boats are safely accounted for at the conclusion of racing. The Safety Officer, with the consent of the Chief Judge, shall take whatever action is necessary whenever he observes a condition to be unsafe. He shall remain in personal, mobile phone or radio contact with the Chief Judge.
- 4.04/9: Chief Scrutineer:** Appointed by the Racing Committee. A Chief Scrutineer shall be appointed for each event from the list of British scrutineers. He/She shall appoint scrutineers, in consultation with the organising club for each event. Their responsibility being to see that no boat starts until it and all its crews racing equipment has been checked/seen and meets all Technical Rules and the engines fall within the class structure for which entry has been made in so far as can reasonably be done by a brief external inspection. Problems will be referred to the Chief Judge, for a ruling before the boat(s) is allowed to launch. The Chief Judge's decision is final.

- 4.04/10: Starter:** Normally Mike Spindley, alternatively someone with reasonable experience of water ski racing, will be appointed and briefed by the Chief Judge in consultation with the Race organiser.
- 4.04/11: Chief Timekeeper, Calculator:** Shall be appointed by the BWSW Racing Com.
- 4.04/12: Assistant Timekeepers:** The organising club shall appoint Timekeepers, Lap Recorders who are ultimately responsible to the Chief Judge.
- 4.04/13: Briefing:** The organisers must hold a pre-race briefing conducted by the Chief Judge and the Safety Officer, during which fullest possible details must be given concerning navigation, details on passing, course and safety of the competition, including the dropping off area at the conclusion of the race. Competitors must comply.

Race briefing for all crews shall be under the authority of the Chief Judge and shall be held as per the racing structure for the day prior to the start of racing. The Driver and Observer from each crew shall attend to be informed of the course, weather, safety and any other relevant matters

If any competitor does not fully understand any aspect of the briefing then they must seek immediate clarification from the Chief Judge at that time.

- 4.04/14: Medical:** A qualified Medical Practitioner or trained Paramedic preferably with trauma injury experience **MUST** be in attendance at all times during racing. In addition an ambulance equipped with a **minimum** of equipment listed below **MUST** be on site at all times during racing **or** a room or designated area must be set aside where the first aid personnel can be based with the minimum equipment listed below. The room or area must be warm, dry, well lit and allow stretcher access where an injured person can be taken. In this case a vehicle capable of carrying a stretcher shall be designated and cleared ready for immediate use. The Chief Judge should preferably be in touch with the ambulance by radio. The Doctor's or Paramedics decision, either on or off the water, as to the ability of a competitor to continue is final and he/she will inform the Chief Judge of the decision on the patient's fitness.

NOTE: St John or Red Cross Ambulances are not be able to transport injured persons to hospital.

Required equipment which should be supplied by the first aid personnel:

Sheets, blankets, stretcher boards, braces, splints, plasters, bandages.

Certain levels of qualified crew may also carry oxygen, gas and air.

Rescue equipment

The site must be equipped with a stretcher that can be taken into the water to rescue an injured skier. If there is no land telephone line, then a mobile telephone must be ready to hand to use in an emergency.

Injured skier rescue guidelines are available from BWSW.

- 4.04/15: Rescue:** It is recommended that a minimum of 2 and a maximum of 3 persons be carried in all safety boats.
- 4.04/16: Fire Fighting Equipment:** All Judges boats, rescue and safety boats must carry appropriate fire fighting equipment.

4.04/17: Alcohol: On the day of the competition no alcohol is to be consumed by any official or competitor until after completion of the competition. Alcohol testing may take place at a time determined by the Chief Judge. Failing the test or refusal to take the test will result in a penalty

PENALTY 4.12/02 = Disqualification

4.04/17a If an Official fails a breath test they will be dismissed from the day's events and a report sent to the Executive Chief Judge

4.04/18: All Officials are reminded that they should act without bias and in a fair and sporting manner and not discuss decisions outside of the jury room before during or after a race with any person other than the Chief Judge. All BWSW Judges shall sign the Rights and Duties of a Racing Official form at the start of each season.

5: SPECIFICATION OF COMPETING BOATS

The Chief Scrutineer will be responsible to the Chief Judge and the scrutineering standards are given herewith. **It is the responsibility of the boat owner and/or driver to ensure the boat meets the scrutinising standards set out herewith:**

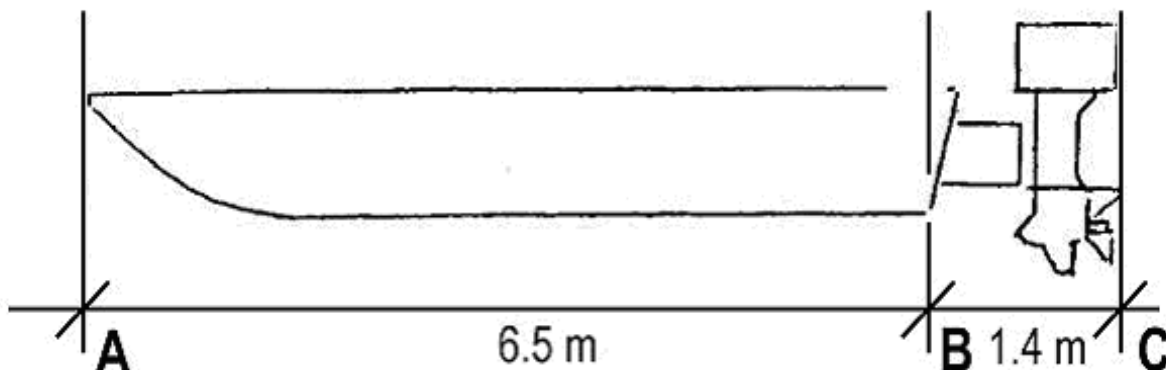
HULLS:

4.05/1: The boat used for towing skiers must not exceed 6.5 metres in overall length. The overall length is measured between the two perpendiculars at the extremities of the structure, including the skin or shell, which constitutes a floating vessel. Any extension to this length is restricted to 1.4 metres; this extension is not to be part of the running surface of the hull measurement.

If you intend to race in Europe you should read and comply with the latest E&A rule book as once again some specifications exceed those required solely to race in the British series of races. There are now significant rule changes regarding boat lengths which will affect IWWF World Championship entry, details are available on the IWWF / E&A website.

See sketch. A-B Bow to bottom point of transom 6.5m.
B-C Transom to propulsion point (e.g. last tip of propeller blade, nozzle of jet unit) 1.4m.

PENALTY 12.02 = Disqualification



4.05/02: Displacement: Total displacement of the engine(s) whether inboard or outboard shall not exceed 9.42 litres – 535 c.i. or 300hp for Formula 2 measured at the prop shaft.

PENALTY 12.02 = Disqualification

4.05/03: Structural State

Scrutineers are not expected to undertake a “condition survey” of the boat, but general appraisal shall be made of the structure. The following points should, however, be checked:

- (a) Split planks, fractured frames and beams and transom knees or their equivalent in reinforced plastic or alloy hulls.
- (b) Steering mounting (structure)
- (c) Shaft brackets and mechanical items other than those already covered.
- (d) Bilge shall be free of oil or debris. Remember oil causes structural deterioration, fuel is dangerous and debris chokes pumps etc.

HULLS (Interior):

4.05/04: Buoyancy

All boats shall have sufficient buoyancy to keep afloat in all conditions. Buoyancy aids or material shall be adequately fixed. Scrutineers shall not be responsible for determining the adequacy of the buoyancy in any boat, but may suspend clearance if in doubt and refer the matter immediately to the Chief Judge.

4.05/05: Engine Wells

For boats with engine wells, any non-sealed openings, other than self-draining holes in the transom, shall be above a horizontal line through the lowest point of the top of the transom.

4.05/06: Steering Gear will be double ride guide type or hydraulic:

- (a) Steering wheel and drum shall be secured and locked on to the shaft.
- (b) Steering wheel unit shall be fixed to, or through, the dash panel or a steering mounting bar and shall be through bolted and locked.
- (c) Steering wheel strength shall be checked, if the wheel is split or cracked the wheel shall be rejected. Wheels of the laminated rim type shall be checked for wear caused by the breakdown of the laminations. Plastic composition wheels shall be checked for early fatigue where the spokes join the boss to ensure the wheel cannot be forced to spin on the internal boss without undue minimum amount of pressure.
- (d) There shall be no undue degree of play in the steering system.
- (e) For outboards - attachments to the engine, for inboards attachments to tillers and/or quadrants and their fitting to the stock shall be in good condition and secure.
- (f) Engine or tiller and rudder shall operate with full and free movements in the correct sense.
- (g) Rudder assemblies, gland keys etc shall be in good condition and secure with locked nuts and/or tight split pins.
- (h) Rack and pinion steering shall be in good mechanical condition with no excessive backlash. Casings should also be checked.
- (i) Jet boats must be fitted with a rudder extending below the bottom of the boat and operating in conjunction with the normal jet steering.
- (j) Inboards and Outboards - Repairs to Stern Drives

Should any part of the outboard/out drives be welded or repaired below the cavitation plate line, then a certified x-ray to show structural integrity is required and must be permanently stamped or engraved on the cavitation housing by the repairer with the date of repair for identification purposes. This certification must be renewed every 12 months

- (k) Hydraulic Steering: Shall be fully serviceable with particular attention paid to Reservoir being full; No play: Pipes are not rubbing or worn and that undue pressure is not put on pipes when engine is in a raised/tilt position.
- (l) No extensions allowed on aluminium shafted helm units
- (m) No play in bolt from engine to Steering Ram.

It is recommended that steering where used in conjunction with engines classed above sportsboat is changed and a minimum of double ride-guide steering be fitted.

4.05/07: Control Cables

All control cables shall be taped or screwed down securely.

4.05/08: Fuel Tanks

- (a) Shall be secure in all directions.
- (b) Shall not leak.
- (c) Shall have sensible filling and venting arrangements where applicable, that are not close to any hot parts, such as exhaust manifolds.
- (d) Should be insulated or isolated from the engines etc, preferably by bulkheads.
- (e) It is recommended there should be an easily accessible means of shutting the fuel supply off from the tanks.

4.05/09: Fuel Lines and Fuel Type

- (a) Shall be lead resistant and run in a manner to avoid damage. Lines shall be in good condition with proper connectors. Flexible hoses and pipe runs should be clipped up at suitable intervals with fair runs to the engine (at all points of travel in the case of outboards).
- (b) Fuel or gasoline is unrestricted and competitors are responsible for the supply of their own type of fuel.
- (c) The delivery, transportation, and storage of gasoline used, shall comply with the law of the land and any byelaws imposed by the host club. This also concerns the environmental regulation which shall be fully respected.

PENALTY 12.02 = Disqualification

4.05/10: Jack Plug and Throttle Control

- (a) Path and length of the cord shall ensure disconnection of the plug whatever direction of ejection.
- (b) Plug cord and attachments shall be adequate, a spare plug to be carried in the boat.
- (c) Shall actually cut the engine completely when operated.
- (d) No device shall be fitted to render the jack plug inoperative.
- (e) Control unit shall be within easy reach of the driver in his normal position.
- (f) Unit shall be attached securely to the boat structure.
- (g) All throttles must be operated by foot whether inboard or outboard. Throttles must be spring loaded to close at the engine and must function accordingly.
- (h) Fly by wire controls of any (type are prohibited

4.05/11: Seats

Seats shall be of adequate strength and firmly secured.

4.05/12: Handholds: All boats must have a minimum of one handhold fixed securely to the hull and in a convenient location for observer's use at all times. This shall be located to prevent entrapment of the boat crew.

4.05/13: Footrests: All boats are required to have a minimum of one footrest for the observer which should be suitably located for bracing the observer within the seat. This shall be firmly fixed and of such construction that the observer's foot may not be caught underneath.

4.05/14: Extinguisher System

- (a) Shall be of satisfactory condition and easily accessible.
- (b) Only fully charged extinguishers shall be permitted and they shall not contain carbon tetrachloride. It is recommended the extinguisher be capable of putting out a petrol fire of at least 4 sq metres.
- (c) Extinguishers must be certified for current use and within the date specified.

4.05/15: Compasses (if required by the organisation)

- (a) Main compass shall be securely mounted and should be able to be read by pilot/driver.
- (b) There shall be no large metal objects in the near vicinity of the compass.

4.05/16: Flares

Smoke signals are recommended for daylight use and flares after dusk. Flares normally have a stamped expiry date and if they have expired or the date is illegible or the condition poor, they shall not be accepted. A minimum of three flares must be carried.

4.05/17: Bilge Pump

- (a) Shall be in proper working order and properly secured to the boat.
- (b) Shall be reasonably accessible for operation.
- (c) Shall have a suction pipe to the lowest suction point of the bilges and a discharge pipe overboard.
- (d) It must be possible to pump out all sections of the boat, even if separated by water-tight bulkheads.

4.05/18: Flag Pole Holder

Shall be fixed to the boat in an accessible position so that the observer can, wherever possible, erect the orange or any other flag whilst still in the observers seat.

4.05/19: Paddles

- (a) Shall be stowed for immediate use, not loosely stowed.
- (b) Shall be of practical form related to the size of boat and in useable condition.

4.05/20: Battery Stowage

- (a) Batteries, where carried, shall be easily accessible and prevented from any movement in any direction.
- (b) Shock cords shall not be accepted for batteries in excess of 4.5kg weight. (Remember a 15kg battery weighs over 150kg at 10g.) See there is adequate support below the battery.
- (c) Batteries shall not be placed in a sealed compartment.

HULLS (Exterior):

4.05/21: Number: Numbers must be displayed in black on a white background. They shall be visible on both sides of the boat when planing. On a white or light coloured boat a black framed edge shall be placed around the background a minimum of 25mm from the number edge. The minimum dimensions of the individual numbers shall be height 300mm, width 225mm, thickness 50mm and spacing 125mm. A maximum of 3 figures are permitted. Numbers must be clearly visible from a distance of a minimum of 200m. Non-compliance is to be correct by the next race. Failure to do so will result in a penalty.

PENALTY 4.12/01 = One minute

4.05/22: Towing Cleat or Eye

Shall be adequate in itself and shall be adequate for towing the boat when water logged.

4.05/23: Tow Rope/Mooring Lines

- (a) Shall be strong enough for the purpose.
- (b) The tow rope shall be attached to a bow eye and shall be **secured in the cockpit**, preferably by jamming cleat to avoid the crew having to clamber out on to the bow to accept a tow. **It must be attached at all times.**
- (c) It shall not be long enough to reach the propeller.

4.05/24: Sharp Edges

All mascots, lights, external fittings and other sharp edges shall be adequately protected or removed.

4.05/25: Windshield (if fitted)

- (a) Shall be well secured.
- (b) Shall not be of plate or ordinary glass.
- (c) Scrutineers may order the removal of any windshield that appears dangerous.

4.05/26: Anchor

Shall be of weight and type adequate to hold the boat. Shall be properly stowed to prevent damage, but shall still be accessible. The use of an anchor shall be governed by the type of venue or if a requirement of the local marine authority.

4.05/27: Anchor Line

If anchor required, the following shall apply for anchor line:

- (a) Shall be of a size and strength appropriate to the boat.
- (b) Shall be in good condition.
- (c) Shall be at least 35 metres in length.
- (d) Shall be attached at all time to the boat and the anchor. It shall perform no other function.

ENGINES:

4.05/28: Formula 2 Rules.

- (a) Hulls – Minimum length of hull shall be 18 ft or 5.48 metres. See Rule 4.05/01.
- (b) This class is for single outboards only.

- (c) Engine capacity – Maximum manufacturers rating of 300HP +/- 5% as per ICOMA Rating schedule 28
- (d) All engines must carry original manufacturer's model number, serial ID plates, stickers or tags. These will be located on the engine
- (e) Standard gear box available for the engine model only.
- (f) All engines must have operational forward, neutral and reverse gears controlled from the cockpit.
- (g) Steering - must meet the requirements of steering rule 4.05/06.
- (h) No means of height adjustment for the motor whilst in motion.
- (i) No steering or throttle is to be wireless or fly-by wire.
- (j) F2 class shall be restricted to commercially available unleaded pump fuel. No avgas, racing fuel or octane boosters.
- (k) All engines may be inspected and sealed by the organizing committee prior to the competition.
- (l) All engines competing in F2 may be technically inspected after each race and at the completion of the competition.

4.05/29: Formula 3 Rules:

- (a) Minimum Length of the hull 18ft or 5.48 metres.
- (b) This class is for Single outboards only.
- (c) Seating Pilot and Observer side-by-side. Backward facing Observer seat can be positioned aft of drivers seat.
- (d) Standard Recreational outboard engines of 2 stroke, direct injection, or 4 stroke. Not racing or high performance. (See chart in this bulletin)
- (e) Maximum power of 150 HP / 111,85 Kw +/- 5%, measured at the propeller shaft as per ICOMIA specifications.
- (f) Standard Manufacturer's Exhaust, under water level
- (g) Only allowed to change the propeller pitch
- (h) Steering. Dual Cable or reliable Hydraulic Steering System
- (i) Ballast tank allowed
- (j) Bracket, if fitted, adjustable only by hand, not during navigation
- (k) Boat construction: Normal materials like on the recreational boats. Not permitted other materials used for racing like carbon fibre, etc.
- (l) All engines must have operational forward, neutral and reverse gears.

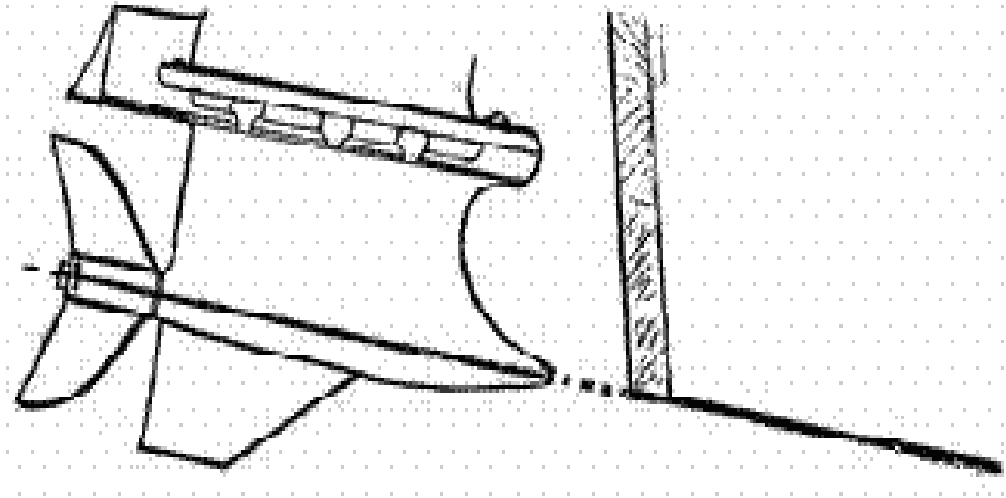
Older engines which produce 150hp maximum horsepower are still allowed to race.

Engine Height

To restrict the height a single outboard is mounted on the transom with the outboard trimmed so the prop shaft is parallel to the bottom of the hull, the centre of the prop shaft will be no higher than the bottom of the hull (plank or vee). No removal of metal from the skeg and no modification to the water intake.

There is to be no hydraulic jacking plates & engine height must be static therefore not adjustable while in motion.

All Electronic Control Units will be production units applicable to the model and serial no of the unit.



ENGINE LIMITS GB and Europe		
	GB	EUROPE
<i>F 1</i>	<i>9.420 cc</i>	<i>9.420 cc</i>
<i>F2</i>	<i>300 hp</i>	<i>300 hp</i>
<i>F3</i>	<i>150hp</i>	<i>150hp</i>
<i>Open Class</i>	<i>See note below</i>	

The above table figures will be doubled for diesel engines

MAIN RACE OPEN CLASS: Maximum 250hp (Excluding XR2 F1 Engine) minimum 18ft boat.

- (a) Minimum Length of the hull 18ft or 5.48 metres.
- (b) Seating Pilot and Observer side-by-side. Backward facing Observer seat can be positioned aft of drivers seat.
- (c) Steering. Dual Ride Guide type or reliable Hydraulic Steering System
- (d) Ballast tank allowed
- (e) Bracket, if fitted, adjustable only by hand, not during navigation
- (f) Boat construction: Normal materials like on the recreational boats. **Not permitted:** Other materials used for racing like carbon fibre, etc.

Hulls must be standard, no adjustments of any kind will be allowed. If, by the nature of the design, an engine bracket has to be fitted, (i.e. the hull has no back well) the bracket must be the one recommended by the hull manufacturer.

The Chief Scrutineer or his appointed officer, has the authority to have any boat checked. Costs arising from any checking shall be the responsibility of the boat owner only.

PENALTY 4.12/03

4.05/30 Engine Eligibility F2 and F3

Scrutineers can check to ensure an engine's specification has not been changed from that of the manufacturer's recommendation at any time. Scrutineers should inspect for any obvious signs that might have altered the declared engine displacement.

The Chief Judge in consultation with the Chief Scrutineer can request any pre or post race strip or examination of any engine or engines which they consider necessary for whatever reason (eg. bore/stroke, pistons, gearbox or Electronically) which may have been altered in order to exceed manufacturers engine specifications, **at the competitor's expense**. The Chief Judge, in consultation with the Chief Scrutineer, can ask for a new standard out of the box EFI unit to be fitted. The electrical connections to be sealed and checked by an authorised dealer at a later date.

If the Chief Judge receives a protest about an engine or engines from another competitor he/she can call for any engine/engines to be tested at anytime at the protesters expense. The protest must be received by the Chief Judge in the usual manner with a fee of £50 (to cover protest fee and testing costs).

If the engine/s is found to be illegal the cost of testing will be borne by the offending owner. The engine and boat will be disqualified and not allowed to take part in any race until rechecked. Engine owner to pay for the re-test.

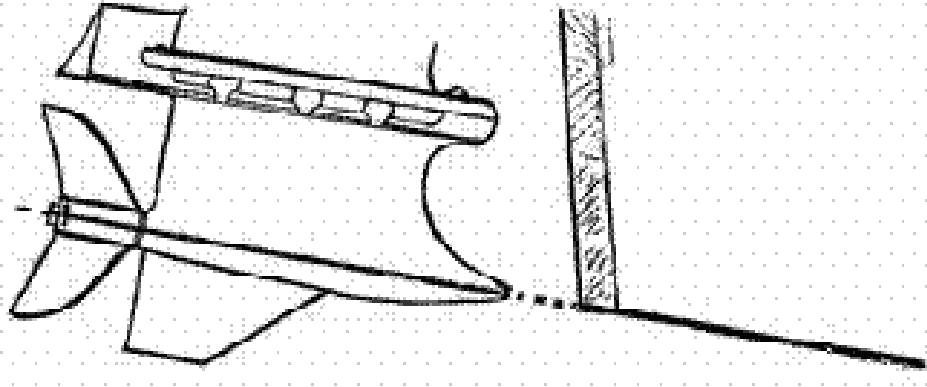
If the engine/s are found to be legal the £50 protest fee will be lost.

PENALTY 12.02: Disqualification from Individual Race or Championship

4.05/31 Engine Mountings and Transmissions for Outboards

- (a) Engine brackets shall be secure and in satisfactory condition.
- (b) Engine mountings shall be attached to the transom with at least four bolts.
- (c) All bolts shall be adequately tightened. Nuts or bolts shall be of the nylock type. If this is not possible studs or bolts should be prevented from becoming loose by using tabbed washers or stainless steel retaining wires or double nuts.
- (d) To restrict the height a single outboard is mounted on the transom with the outboard trimmed so the prop shaft is parallel to the bottom of the hull, the centre of the prop shaft will be no higher than the bottom of the hull (plank or vee). No removal of metal from the skeg and no modification to the water intake.
- (e) All boats require mechanical trim gauges to be fitted. Boats without mechanical trim gauges will incur a penalty

PENALTY 4.12/03 = 3%



For Inboards

- (e) Engine mountings shall be sound, and the mounting bolts securing to the hull shall be pinned or lock-nutted.
- (f) Where an out drive (or jet unit) is fitted, the out drive ring connection to the transom and the unit to the ring shall be secure.
- (g) Transmission and all parts motivated by the engine shall be efficiently shielded so as to prevent damage to persons or structure in the event of breakage. For shafts in excess of one foot in length the shielding shall not allow more than 1cm clearance at either end.
- (h) Bearers shall not be saturated with oil.

4.05/32: Engine Condition

- (a) The engine shall be free of dangerous corrosion, oil or fuel leaks or excessive heating and shall not be a danger to any adjacent structure. Oil leaks are a particular source of fire danger.
- (b) For inboard engines, flame traps are recommended.

4.05/33: Electrical Harness

Properly protected terminal boards shall be used with flexible (not solid core) cabling supported well up to the terminals and at suitable intervals throughout their runs. Where relative movement or vibration occurs across a gap, cable shall be sheathed in plastic or metal tube anchored at both ends. Reinforced cable suitable for marine duty should be used. Electrical equipment in engine compartment shall be a minimum and away from heat or fuel.

4.05/34: Exhaust Systems

Shall conform to organising Federation's standards of decibels or a maximum of 105 db(A) at a distance of 30 metres. There shall be adequate insulation where required and runs sited to avoid fire.

(This rule is under review with H & S Exec)

PENALTY 12.0 = Disqualification

4.05/35: Propeller Security

- (a) Propeller shall be sound, particularly at the blade roots.
- (b) It should be ascertained that the propeller nut can be securely locked.

ALL ENGINES MUST HAVE FORWARD AND REVERSE GEARS

4.05/36: Boat number on trailer

To assist recovery boat numbers must be clearly displayed on the trailer. **Jockey wheels must be in good working order together with hand brake, or alternative methods to chock wheels such as blocks of wood supplied.**

4.05/37: The Chief Judge in consultation with the Chief Scrutineer shall have final authority to determine whether equipment to be used by a competitor meets the above safety requirements.

6: CREW OF THE BOATS & COMPETITORS EQUIPMENT

4.06/01: The crew consists of a boat driver and one observer only.

4.06/02: The minimum age for a driver shall be 18 years of age

4.06/03: The minimum age for an observer shall be 16 years of age.

4.06/04: Either one or two skis may be used. But skis must be:

- (a) In serviceable condition.
- (b) The skis must be fluorescent flame orange except fins and bindings and running surfaces. The underside of the ski from the tip must be orange for at least 20cm.

PENALTY 12.03 Fixed = 6%

- (c) Competitors may tape lower legs, feet or ankles, but not in a manner that would stop their feet coming free of the ski bindings in the case of a fall. Legs, ankles or feet must not be taped directly to either the ski or bindings. Any type of harness to stop free movement of legs, ankles or feet is prohibited.

4.06/05: The minimum length of the tow line is 21 metres, including handles. Maximum length of 75 metres including handles. The tow line length for Canals or tight circuits will be limited to a Maximum length of 60 metres for FI and 50 metres for FII, FIII, Open, Ladies, Junior and Brit A and Brit B.

PENALTY 12.03 Fixed = 6%

4.06/06: Either single or double handles may be used, ski ropes and handles to be part of skier's personal equipment.

4.06/07: Life Jackets & Built-in Buoyancy Wet Suit – Skier

Skiers must wear a top which is in a fluorescent colour to ensure they are visible when in the water. This may be in the form of appropriate clothing or other means (like a bib).

- (a) A buoyancy jacket of the ski jump type easily visible and predominantly a fluorescent colour. – excluding white, black or silver.
- (b) A wet suit or buoyancy belt is not adequate.
- (c) Leg or holds down straps are mandatory.
- (d) Wet suits designed for ski racing with built-in buoyancy will be accepted only if they are of a fluorescent colour or an article of clothing like a bib is worn (from the waist up) over the wet suit. **(testing of manufacturers adequate buoyancy is ongoing and may be the subject of future ruling)**

NOTE: (i) Wet suits must conform to colour.

(ii) Leg straps are not necessary on buoyancy Jackets if under wet suit.

PENALTY 12.03 Fixed = 6%

4.06/08: Life Jacket & Footwear – Driver and Observer

Drivers and Observers shall wear a life jacket in an easily visible and conspicuous colour - excluding white, black or silver. All boat crew members competing in events shall be required to wear a waist-coat type unaltered life jacket with leg straps.

Life jackets must be equipped with collars and/or must have flotation material high on the chest to hold an unconscious person's face out of water. Life jackets and life collar, if any, must be securely fastened at all times, while on course - racing or testing. Leg straps must be securely fastened to life jacket and legs. Life jackets must meet the following inspection requirements:

- (a) Lacing ties and/or straps shall be adequate and in good condition.
- (b) Zips, where used, shall be in working order.
- (c) Tears or rents or bad repairs whereby buoyancy will leak out shall not be permitted.
- (d) Jackets shall be dry and not oil or water-logged.
- (e) Jackets shall be fitted with hold-down straps to the legs.
- (f) Closed toe footwear is compulsory.

PENALTY 12.03 Fixed = 6%

At least one member of the crew should wear appropriate clothing for entering the water to assist the skier. At all times the crew should be positively buoyant when in the water

4.06/09: Skiers Crash Helmets

Skiers shall wear helmets meeting the following requirements checked for individual fit by Scrutineer.

- (a) The colour: Fluorescent Orange only will be accepted.
- (b) Cover for the ears to prevent ruptured ear drums when the head hits the water in a sideways fall.
- (c) Secure straps and fit on the head.
- (d) The helmet must float.
- (e) The possibility of 'bucketing' or forcing water between the helmet and the head to be reduced by a very tight fitting.
- (f) Full face skiing helmets are **NOT** allowed.

Non Skiing Crew Members Helmets (BS6658)

- (a) Helmets can be bright red or bright orange. However, we strongly recommend that any new helmets you may need to source in the future, should be fluorescent orange.
- (b) Helmets should comply with BS:6658 or higher. This includes Snell standards and also the new CE Motorcycle standards (ECE22:05). If your helmet has either an ACU green or gold sticker, an ECE sticker or BS green or blue sticker then your helmet does comply with the standards.
- (c) If you have a helmet which is painted orange with no sticker, please contact the manufacturer who should be able to provide you with the necessary paperwork confirming compliance with the above standards.
- (d) All helmets must be in good condition, devoid of dents and splits and fit for the purpose.

(e) Helmets constructed from plastic material may not be painted unless this is authorised by the manufacturer.

(f) Visors shall be in good condition and devoid of cracks and easily detachable (i.e. not bolted down) and must not be secured in any way which prevents them lifting up (i.e. taping).

PENALTY 12.03 Fixed = 6%

(g) It is recommended that all boats should have an intercom system between driver and observer.

(h) When ANY member of a team is a Novice, the Skier must wear the approved fluorescent coloured vest which is available from the Racing Committee. For the avoidance of doubt there shall be a large Cross on the back

PENALTY 4.12/03 = 3%

4.06/10: Boat Flags: Orange / Blue & White Medical Flag:

(a) Observers shall have in the boat a flame orange flag to be used at all times when the skier is in the water once the race is under way.

(b) A ½ Blue and ½ White flag separated diagonally with point of Blue to the top nearest the pole. This flag will be raised only when medical assistance is required.

Both flags to be not less than 50x50cm fixed to a pole of a minimum 1 metre length.

Both flags must be clean and free from oil and grease.

7: RACE CONTROL FLAGS

4.07/1: The following flags are required:

National: The National flag may be used as a starting flag. Dimensions: 100 x 100cm

Green: Pre start and identifying flag for Judges, safety and rescue boats. Dimensions: 100 x 100cm

Yellow: Caution. The Judges and Safety boats will raise the yellow flag when a skier has fallen, when a skier is in the water or in any other case of interference after the National flag has started the race. Dimensions: 50cm x 50cm.

Red: Stop the race. All Judge Boats will carry a Red Flag to stop the race on the instructions of the Chief Judge. When no Judge boat is available a safety boat at each end of the course will be nominated. At the completion of a race the raising of the red flag will indicate “return to the pit area”. Dimensions: 100 x 100cm

Black: Disqualification. The black flag is used to notify a competitor that he/she has been disqualified and must retire from the race. When shown it will be pointed at the offender and they must withdraw from the race immediately. Dimensions: 100 x 100cm

- Blue:** The blue flag is used to signal to all competitors that the leader of the race has begun his last lap. Dimensions: 100 x 100cm
- Chequered:** Finish. The chequered flag indicates the end of the race. Dimensions: 100 x 100cm.
- Orange** For use by Observers when their skier is in the water. 50cm x 50cm

4.07/2: Each Judge's boat must continuously fly a green flag for identification; they also carry yellow, red and black flags on board. The red and the black flags can only be used after communication with the Chief Judge, and on his instructions

4.07/3: The Safety and Rescue boats must continuously fly a green flag for identification.

Start flags must be flown from the start boat, and the finish flags must be flown from the boat at the finish gate.

8: DEPARTURE & CIRCUIT

4.08/01: Details of the competition shall be given by the organisers with the help of a plan, which shall be sent with the invitation. All courses shall run in an anti-clockwise direction.

Race Distances: Main race – 50min + 1 lap; Support race - 35 mins + 1 lap. Brit A 15min +1 lap. Brit B 25 mins + 1 lap.

Before a race may be declared a minimum time of 51% of the race must be recorded.

4.08/02: According to local circumstances any of the following methods of starts may be chosen:

- (a) Grid starts with separate timing for each group.
- (b) Simultaneous mass start.
- (c) Time trial - interval starts.

4.08/03: All starts are only allowed if a distance of at least 10 metres on either side of each competing boat is allowed for. It is recommended the distances between the starting line and the first turn is 2.5kms. Races to be conducted over a 5km course where possible.

4.08/04: For simultaneous mass start, a 3 minute signal shall be given by raising the National flag together with a green flag on a starting boat or dock in sight of the skiers and boat crew. The 30 seconds signal shall be given by lowering the green flag. Skiers may then enter the water from their boats which may take up the slack in the ski line. The start will be signalled by the lowering of the National flag and skiers must not be in a skiing position until the start is signalled.

(a) **When the starting procedure is aborted, the red flag must be raised alongside any flags already raised. Any other raised flags should then be lowered leaving only the red flag flying. The new start procedure shall be of 3 minutes and will follow the normal starting procedure**

(b) In grid starts the boats must start from the position they are allocated.

PENALTY 12.01 = 1 Minute

(c) Boats must remain in their starting positions, without moving, unless exceptional weather conditions exist.

- (d) When grid starts are being used and a skier misses his/her pull the towing boat is **NOT** allowed to turn to pick up the skier until all grids have passed. The observer should pull in the ski line out of the way of other boats before going to their skier.

PENALTY 12.03 Fixed = 9%

- (e) Boats must not be over the start line prior to the lowering of the National flag. (Startline to be defined at Briefing).

PENALTY 12.01 = 1 Minute

4.08/05A: It is obligatory that all turns shall be marked by buoys, moored vessels or permanent sea marks. All course markers shall be passed on the outside. No passing inside or changing of lanes is permitted from within 100 metres of the turn buoy or mark until the skier rounds the buoy and attains a straight line on the natural course. It **may** be permissible to come inside the turn buoy on grounds of safety. However, the Driver **must** raise his hand to advise he is making this manoeuvre. **The Driver shall inform Race Control of his actions after the race has concluded.**

PENALTY 12.03 Fixed = 9%

4.08/05B: If the course turns are considered tight such as on a Canal or tight turn a Box System (an imaginary line drawn across the course dissecting the 100m buoy and an imaginary line drawn across the course at 50m past the Turn Buoy) should be used. All skiers falling in this area must be picked up and taken to the SAFEST POSITION outside of the box. The ski line must be retrieved before picking up the skier).

PENALTY 12.03 Fixed = Disqualification

4.08/06: Judge Boats: All Judge boat's will be positioned at the entry 100m buoy to clearly define the 100m position and in order for the judge to observe the entry into the corner.

4.08/07: In closed circuit racing the Judge must state at the briefing the manner of passing other competitors. The designated manner of passing other competitors must be complied with. A fallen skier may be passed on whichever side is deemed to be the safest if not directed by the safety boat.

(Also see rule 4.09/10)

PENALTY 12.03 Fixed = 6%

4.08/08: The passing driver shall acknowledge sight of a fallen skier by raising a hand. Failure to comply will incur a penalty.

PENALTY 12.03 Fixed = 3%

4.08/09: A skier or a team shall not be allowed to start or continue in the competition if, in the opinion of the Chief Judge, after consultation with the Safety Officer and/or Jury, their presence would be a danger to themselves or other competitors.

4.08/10: The organisers must provide a rescue service at all times during the competition.

4.08/11: Substitution of Boats

A competitor may substitute a boat once a boat is pronounced unserviceable by the Chief Scrutineer: V Hull to V Hull

Flat Hull to Flat Hull

Catamaran to Catamaran

Outboard to Outboard - equal horsepower or less

Inboard to Inboard - equal horsepower or less (a stern drive is an inboard)

In the case of extreme circumstances where boat substitution of a similar craft is impossible the Chief Judge shall refer the matter to the Skiers, Drivers and Observers reps and fellow on-site judges.

The original hull may only be resubmitted with the specified permission of the Chief Judge.

Definition of V hull: A V hull with a flat runner surface was still a V hull and may be exchanged for a normal V hull.

4.08/12: Grid Positions

If the first race of the season requires grid starts the positions are decided by means of a Draw, after that the positions are defined by their accumulated points total within their class.

4.08/13: In the event of a race having to be red flagged, if the race is 51% complete, then the event is deemed to have been finished and the results will count. If the race is less than 51% complete the race will be classified as void and no points will be allocated. Following a red flag situation the Chief Judge will decide whether the race will be a continued race or an entire new race.

If the restart is a continuation of the original race, the number of completed laps prior to the red flag is carried forward to the restarted race and the pole positions will be determined by the placing as of the last completed lap prior to the red flag. The team causing the red flag, and teams who have retired from the race, are not allowed to restart the race whether the restart is a continuation of the original race or a new race.

Procedure to be followed when a red flag is displayed to stop a race.

1. All Judges are to display a red flag
2. All competitors must stop immediately that it is safe to do so and remain where they are for instructions.
3. No further laps will be timed after the red flag is shown.
4. When red flag is lowered, or instructed to do so by a Judge competitors may return to the recovery area.

PENALTY 12.03 Fixed Disqualification

4.08/14: At the end of the race, Drivers, after picking up their skier, will take down their Orange flag and remain stationary in the Drop Zone **until the race is concluded. At this point the Start Boat will raise a Red Flag until all skiers are in their boats. When the flag is lowered the boats may return to the recovery area. However, under power, crews shall continue to wear all safety equipment until the boat recovery area is reached.**

4.08/15: To qualify for points the boat and skier must pass between the designated outer gate buoy and timing control designated at briefing.

PENALTY: NO POINTS GIVEN

9: CONDUCT OF RACE

4.09/01: In case of a fall of a competitor, the driver must immediately slow down and the observer must display the flame orange flag and start retrieving the ski line. The driver may turn to pick up the skier along the incoming ski line, facing the fallen skier without interfering with the progress of the race. In picking up a fallen skier the driver must give right of way to oncoming boats and then turn in whichever direction is safer. For canals, rivers or in general when the space near the turning buoys is narrow the Box System as described in Rule 4.08/05 will operate. The Observer **MUST** retrieve the ski line before picking up the skier.

PENALTY 12.03 Fixed = 6%

4.09/02: A fallen skier is allowed to make physical contact with the boat and crew to enable the replacement of equipment. At all times whilst such action is being carried out, the motor of the tow boat “will be dead or in neutral, i.e. propeller not rotating”. The flame orange flag must remain visible until the skier is in proper skiing position.

PENALTY 12.03 Fixed = 6%

- 4.09/03:** For a single skier race the skier must remain in the wake of the towing boat for the entire race.
PENALTY 12.03 Fixed = 3%
- 4.09/04:** An overtaking boat must not cut in until their skier is 100 metres ahead of the boat being overtaken.
PENALTY 12.03 Fixed = 6%
- 4.09/05:** Observers must remain seated in the cockpit of the boat and must keep the skier under observation at all times during their participation in the event.
PENALTY 12.03 Fixed = 3%
- 4.09/06:** Boats shall not follow closer than 100 metres directly behind any skier except when overtaking, in which case it is imperative the driver should keep his boat in a different line than the preceding one. When a pass is completed, the skier who is at least 100 metres in front of the overtaken boat **may** move to the inside of the course..
PENALTY 12.03 Fixed = 6%
- 4.09/07:** The driver must keep his attention ahead of the boat at all times, and both hands on the steering wheel except when operating controls **or acknowledging a fallen skier. In exceptional circumstances it may be safer for the Observer to put his hand up to acknowledge a fallen skier.**
PENALTY 12.03 Fixed = 6%
- 4.09/08:** Skiers are strictly prohibited from fastening the wrap handles together around their body or fix the handles of the tow line to their body in any way whatsoever. It is permissible to hook one arm through the bridle of the ski rope. No means of adjusting skier's rope length allowed when in motion. Damaged ropes may be replaced during races.
PENALTY 12.02 = Disqualification
- 4.09/9: When taking a turn:** If the pursuing boat is behind the skier of the boat in front at the 100m buoy the pursuing boat does **NOT** have right of way into the corner and **MUST** not power up the inside or attempt an undertaking manoeuvre until the turn has been completed and a straight line has been achieved. When overtaking on the outside the outside team must leave room for the team(s) on the inside to turn and not attempt to flatten the corner.
PENALTY 12.03 Fixed: 9%
- 4.09/10:** Refusing to give way to other competitors is strictly prohibited.
PENALTY 12.03 Fixed: 9%
- 4.09/11:** Drivers must maintain a minimum lateral distance of 2 metres between their boat, any skier and other competing boats
PENALTY 12.03 Fixed 9%
- 4.09/12:** All team members shall wear their helmets in the normally accepted manner during the race and whilst under power on race day or practise periods.
PENALTY 12.03: Fixed 9%
- 4.09/13:** Skiers must drop off in the areas indicated by the Chief Judge at the pre-race briefing.
PENALTY 12.03 Fixed: 3%
- 4.09/14:** At no time during or after the event will any competitor or Official enter into unofficial discussions regarding decisions made during the event with any Judge.
PENALTY 12.03 FIXED 3%
- 4.09/15: Unsportsmanlike behaviour in the form of physical or verbal abuse will not be tolerated. It is expected that all competitors and officials will act in a civilised way towards each other. Contravention of this rule will result in a report being sent to BWSW Racing Committee by the Chief Judge for a decision on what action if any is to be taken.**

4.09/16: On the day of the competition no alcohol to be consumed by competitors until after completion of their last event. **PENALTY 12.02: Disqualification**

4.09/17: The use of drugs is prohibited as per the current regulations of IWWF drug testing policy and procedure.

PENALTY 12.02: Disqualification

10: TIMING

4.10/1: Timing will be accurate to at least one hundredth of a second, this precision holding good as well for departure as for arrival of a skier.

4.10/2: Places in the competition shall be determined according to the skier times made, after addition of the penalties, if any.

4.10/3: The Race shall finish when the winner or leader (in the case where the start was held with several lines) having been given the blue flag on the previous lap crosses the finishing line between two points clearly delineated (buoys, boats etc). At that moment the chequered flag will be lowered. All the following skiers will finish the race on the chequered flag. A maximum of 15 minutes will be allowed for competitors to finish after the end of the race by the winner.

4.10/4: A skier is not to be placed in a competition unless he is in a proper skiing position when crossing the finish line. A proper skiing position is defined as that position in which all of the following exists:

- (a) The skier has possession of the tow lines.
- (b) The skier is riding forwards with a ski or skis on his feet.
- (c) The weight of the skier is entirely supported by his ski or skis and the skier is in good balance, or if he is able ultimately to regain a good balance.

4.10/5: 1000 POINT RULE

In each complete race points shall be awarded on the following basis:

The race shall be timed and the time of the winner will represent 1000 points, the remaining skiers will receive points based on the following formula:

$$\frac{\text{Winners Time from racing distance in average per 1 km}}{\text{Skiers/Team Time from racing distance in average per 1 km}} \times 1000 = \text{Skiers Points}$$

Such points to be calculated to two decimal places. The third place will be ignored.

4.10/6: Sprint Championship scoring

Skiers who do not complete the same number of laps as the winner will have:-

$$\text{Calculated Average Time} = \frac{\text{Boat Time}}{\text{Distance}}$$

$$\text{Skier's points} = \frac{\text{Winner's average time}}{\text{Skier's average time}} \times 1000$$

11: PROTESTS

Any protests forthcoming from the day's events will be handled in the following manner:

For offences seen by Judges a decision shall be made by the Chief Judge and his/her assistant. The decision is final.

For protests about other competitors by competitors the 4 person Jury, consisting of Skier, Driver and Observers Rep, Assistant Chief Judge or other judges will be formed to hear the protest. Chief Judge will chair and will vote only in an event of a tied decision. The final decision cannot be questioned.

- 4.11/01:** Protests shall be made to the Chief Judge in writing, giving the reasons for the protest, names or identity of any other witnesses within 20 minutes of the results being posted. All persons involved in a protest MUST be on site until a decision has been reached or given permission to leave by the Chief Judge.
- 4.11/02:** Protests must be accompanied by the appropriate fee of £20. This amount will be refunded if the protest is considered reasonable by the Jury.

12: EXCLUSIONS AND PENALTIES

4.12.01:

For contravention of Rules: 4.03/05 4.05/21 4.08/04 (b) and (e)	Penalty: One minutes will be added to the competitor's time
--	--

4.12.02:

For contravention of Rules: 4.04/17 4.05/01 4.05/02	Penalty:
--	----------

4.05/03 4.05/11(c) 4.05/12(c) 4.05/17 4.05/20 4.08/05(a) 4.08/13 4.09/08 4.09/09 4.09/13 4.09/16 and 4.09/17	The penalty will be disqualification
--	--------------------------------------

4.12.03: Fixed Penalty Rules

4.03/04 4.05/05 4.05/31 (e) 4.08/08 4.09/01 4.09/03 4.09/05 4.09/14	3%
4.06/09(h) 4.06/03 4.06/04 4.06/06 4.06/07 4.06/08 4.08/07 4.09/02 4.09/04 4.09/06 4.09/07	6%
4.08/04(d) 4.08/05 4.03/2 4.09/10 4.09/11 4.09/12	9%

4.12.04: For a serious contravention of the Rules the Chief Judge may, with a majority decision of the Jury, disqualify and may recommend the suspension or removal of a driver's, observer's or skier's licence to the BWSW Racing Com. The re-issue of this licence, will be done through the Technical Committee, endorsed through the BWSW Racing Com, on re-application by the driver, observer or skier.

4.12/05: For convention of any Rule which attracts a penalty the Chief Judge, in consultation with his Jury, may additionally award up to a maximum of 3 penalty points. Such penalty points shall be endorsed on the competitors licence and shall be valid for 2 years from the date of offence. Any competitor reaching a total of 10 points or more within 2 years will forfeit their licence. Application for re-issue shall not be considered by the Racing Com. for 12 months from the date of suspension.

- 4.12/06:** For contravention of any Rule which incurs disqualification the Chief Judge (in consultation with his jury) may additionally award up to a maximum of 3 penalty points and any such penalty points shall be governed by the same conditions as set out in Rule 4.12/06.
- 4.12/07:** The Chief Judge and the Jury shall have the right to give summary judgment on any happening unforeseen in these Rules.
- 4.12/08:** Repeat offenders should be dealt with under rule **12.05**. Action taken will be by the majority decision of the Jury. Decisions can be taken on the day or referred back to BWSW if the offence is severe.
- 4.12/09:** Ungentle manly conduct towards any official before during or after the event will result in the offender(s) having their results cancelled and their licences revoked.
- 4.12/10:** For a serious contravention of the rules the Chief Judge can suspend the offender(s) from the competition and will then refer the matter to the Racing Committee for further adjudication.

SECTION 5 – OPEN RULES

OPEN WATER SKI RACING RULES

The following are the minimum acceptable for an Open to arrange and run a water ski race. Race Organisers may make their own administrative rules, however, BWSW will not agree to any leeway on the safety and race rules as listed below.

These rules must be read in conjunction with the current BWSW Racing Rules and where problems occur, BWSW Racing Rules shall be applied.

5.01: RACE OFFICIALS

The following race officials shall be appointed:-

- Race Controller – responsible for overall management of the race and acceptance of entries.
- Chief Judge – must be minimum BWSW qualified Regional Judge. Responsible for the enforcement of racing rules, approving and briefing any assistant Judges and verifying that lap scorers carry out their jobs correctly.
- Safety Officer – responsible for deployment of safety boats liaising with Coast Guard and advising the Race Controller and the Chief Judge of dangerous conditions. Also that all competitors are accounted for after the event.
- Chief Scrutineer – should wherever possible be authorised to act as a scrutineer by BWSW Executive Chief Scrutineer, but in any case shall have a technical knowledge of ski boats. Responsible for seeing that no boat starts until it and all racing equipment meet these rules in so far as can reasonably be done by a brief external inspection.
- Starter – someone with reasonable experience of water ski racing.

5.02: COURSE

The course shall be marked by buoys, laid in a pattern where all turns are to the left hand.

The start shall be in deep water as described at briefing.

The Race Controller shall satisfy the Chief Judge that the course is adequately defined, and a safe distance allowed between the start area and the first turn.

All skiers shall pass between the gate buoys on each completed lap.

5.03: START/FINISH PROCEDURES

The start will be effected by means of two flags or indicators.

Start flags must be flown from the start boat, and the finish flags must be flown from the boat at the finish gate.

The 3 minute signal shall be given by raising the said flags or indicators. After 2 minutes 30 seconds one flag or indicator shall be lowered allowing 30 seconds for skiers to enter the water and make ready. After three minutes total, the second flag or indicator will be lowered to signal the start.

The finish shall be denoted by the chequered flag (all skiers should then proceed to the centre of course or other area designated at briefing) before dropping off.

Any teams who, in the opinion of the Chief Judge, are endangering others shall be disqualified and withdrawn from the race by means of displaying a black flag to the driver from the Safety boat and/or start/finish boat.

5.04: INSURANCE

As Current BWSW Racing Rules

5.05: BRIEFING

Race briefing for all crews shall be under the authority of the Chief Judge and shall be held as per the racing structure for the day prior to the start of racing. The Driver and Observer from each crew shall attend to be informed of the course, weather, safety and any other relevant matters

If any competitor does not fully understand any aspect of the briefing then they should seek immediate clarification from the Chief Judge at that time.

5.06: EQUIPMENT

- All team members must wear safety helmets and lifejackets. The minimum requirement is that these conform to the current BWSW Racing Rules. Helmets and ski tips must be flame orange and skiers must wear leg straps.
- All boats shall be checked to see if they conform to these rules particular attention being paid to steering (see BWSW Rules). Note: Double ride guide or hydraulic steering is required for regional racing.
- All boats shall carry flares, fire extinguisher, painter and effective anchor and orange flag (for use by observer whenever skier or ski line is in the water)
- All boats shall carry a blue and white medical assistance flag

5.07: CREWS

The crews shall consist of one or more skiers, one observer and a driver. They shall meet the following criteria:-

- Observers shall be aged over 16 years and in possession of a current BWSW Novice Observers Licence (minimum)
- Drivers shall be aged over 18 years and in possession of a current BWSW Novice Drivers Licence (minimum)
- All crew members shall be current members of British Water Ski and Wakeboard

5.08: RACE CONDUCT

- All skiers must remain in the wake of the towing boat.
- No boat shall follow closer than 100metres directly behind a skier.
- No overtaking is permitted on the inside from 100 metres before a turn buoy until the turn has been completed
- If a pursuing boat is level with the skier in front of him 100 metres before a turn buoy the pursuing boat is deemed to have right of way and the lead boat must allow room for the pursuing boat to complete the turn on the inside.
- Blocking of the pursuing boat in the situation described in the paragraph above will lead to disqualification or a time penalty at the discretion of the Chief Judge.
- Skiers are strictly prohibited from fastening their tow line or handles of their tow line to their body in any way whatsoever. Skiers are also strictly prohibited from locking or joining together the handles in any way whatsoever.
- It is forbidden to modify the length of the tow line after the start of the race.

5.09: CLASSES

Classes for Regional races shall be as designated by the region.

5.10: RACE DURATION

The race duration shall be as designated by the region.

5.11: MEDICAL SUPERVISION

If possible there shall be a Doctor or Paramedic in attendance. If this is not possible then there shall be a minimum of a qualified Nurse, St Johns Ambulance Service or Red Cross in attendance for the duration of the race.

SECTION 6 – REGIONAL RULES

REGIONAL WATER SKI RACING RULES

The following are the minimum acceptable for a Region to arrange and run a water ski race. Regions may make their own administrative rules, however, BWSW will not agree to any leeway on the safety and race rules as listed below.

These rules must be read in conjunction with the current BWSW Racing Rules and where problems occur, BWSW Racing Rules shall be applied.

5.01: RACE OFFICIALS

The following race officials shall be appointed:-

- Race Controller – responsible for overall management of the race and acceptance of entries.
- Chief Judge – must be minimum BWSW qualified Regional Judge. Responsible for the enforcement of racing rules, approving and briefing any assistant Judges and verifying that lap scorers carry out their jobs correctly.
- Safety Officer – responsible for deployment of safety boats liaising with Coast Guard and advising the Race Controller and the Chief Judge of dangerous conditions. Also that all competitors are accounted for after the event.
- Chief Scrutineer – should wherever possible be authorised to act as a scrutineer by BWSW Executive Chief Scrutineer, but in any case shall have a technical knowledge of ski boats. Responsible for seeing that no boat starts until it and all racing equipment meet these rules in so far as can reasonably be done by a brief external inspection.
- Starter – someone with reasonable experience of water ski racing.

5.02: COURSE

The course shall be marked by buoys, laid in a pattern where all turns are to the left hand.

The start shall be in deep water as described at briefing.

The Race Controller shall satisfy the Chief Judge that the course is adequately defined, and a safe distance allowed between the start area and the first turn.

All skiers shall pass between the gate buoys on each completed lap.

5.03: START/FINISH PROCEDURES

The start will be effected by means of two flags or indicators.

Start flags must be flown from the start boat, and the finish flags must be flown from the boat at the finish gate.

The 3 minute signal shall be given by raising the said flags or indicators. After 2 minutes 30 seconds one flag or indicator shall be lowered allowing 30 seconds for skiers to enter the water and make ready. After three minutes total, the second flag or indicator will be lowered to signal the start.

The finish shall be denoted by the chequered flag (all skiers should then proceed to the centre of course or other area designated at briefing) before dropping off.

Any teams who, in the opinion of the Chief Judge, are endangering others shall be disqualified and withdrawn from the race by means of displaying a black flag to the driver from the Safety boat and/or start/finish boat.

5.04: INSURANCE

As Current BWSW Racing Rules

5.05: BRIEFING

Race briefing for all crews shall be under the authority of the Chief Judge and shall be held as per the racing structure for the day prior to the start of racing. The Driver and Observer from each crew shall attend to be informed of the course, weather, safety and any other relevant matters

If any competitor does not fully understand any aspect of the briefing then they should seek immediate clarification from the Chief Judge at that time.

5.06: EQUIPMENT

- All team members must wear safety helmets and lifejackets. The minimum requirement is that these conform to the current BWSW Racing Rules. Helmets and ski tips must be flame orange and skiers must wear leg straps.
- All boats shall be checked to see if they conform to these rules particular attention being paid to steering (see BWSW Rules). Note: Double ride guide or hydraulic steering is required for regional racing.
- All boats shall carry flares, fire extinguisher, painter and effective anchor and orange flag (for use by observer whenever skier or ski line is in the water)
- All boats shall carry a blue and white medical assistance flag

5.07: CREWS

The crews shall consist of one or more skiers, one observer and a driver. They shall meet the following criteria:-

- Observers shall be aged over 16 years and in possession of a current BWSW Novice Observers Licence (minimum)
- Drivers shall be aged over 18 years and in possession of a current BWSW Novice Drivers Licence (minimum)
- All crew members shall be current members of British Water Ski and Wakeboard

5.08: RACE CONDUCT

- All skiers must remain in the wake of the towing boat.
- No boat shall follow closer than 100metres directly behind a skier.
- No overtaking is permitted on the inside from 100 metres before a turn buoy until the turn has been completed
- If a pursuing boat is level with the skier in front of him 100 metres before a turn buoy the pursuing boat is deemed to have right of way and the lead boat must allow room for the pursuing boat to complete the turn on the inside.
- Blocking of the pursuing boat in the situation described in the paragraph above will lead to disqualification or a time penalty at the discretion of the Chief Judge.
- Skiers are strictly prohibited from fastening their tow line or handles of their tow line to their body in any way whatsoever. Skiers are also strictly prohibited from locking or joining together the handles in any way whatsoever.
- It is forbidden to modify the length of the tow line after the start of the race.

5.09: CLASSES

Classes for Regional races shall be as designated by the region.

5.10: RACE DURATION

The race duration shall be as designated by the region.

5.11: MEDICAL SUPERVISION

A qualified Nurse, St Johns Ambulance Service or Red Cross shall be in attendance for the duration of the race. If possible a Doctor or Paramedic is recommended.

SECTION – 7 CLUB RULES

CLUB WATER SKI RACING RULES

The following are the minimum acceptable for a Club to run a water ski race. Clubs may make their own administrative rules, however, BWSW will not agree to any leeway on the safety and race rules as listed below.

These rules must be read in conjunction with the current BWSW Racing Rules and where problems occur, BWSW Racing Rules shall be applied.

6.01: RACE OFFICIALS

The following race officials shall be appointed:-

- Race Controller – responsible for overall management of the race and acceptance of entries.
- Chief Judge – must be minimum BWSW qualified Club Judge. Responsible for the enforcement of racing rules, approving and briefing any Assistant Judges and verifying that lap scorers carry out their jobs correctly.
- Safety Officer – responsible for deployment of safety boats liaising with Coast Guard and advising the Race Controller and the Chief Judge of dangerous conditions. Also that all competitors are accounted for after the event.
- Chief Scrutineer – should be on the BWSW Scrutineering List (See List of Officials in this Document) and shall have a technical knowledge of ski boats. **Responsible for seeing that no boat starts until it and all racing equipment meet these rules in so far as can reasonably be done by a brief external inspection.**
- Starter – someone with reasonable experience of water ski racing.

6.02: COURSE

The course shall be marked by buoys, laid in a pattern where all turns are to the left hand.

The start shall be in deep water as described at briefing.

The Race Controller shall satisfy the Chief Judge that the course is adequately defined, and a safe distance allowed between the start area and the first turn.

All skiers shall pass between the gate buoys on each completed lap.

6.03: START/FINISH PROCEDURES

The start will be effected by means of two flags or indicators.

Start flags must be flown from the start boat, and the finish flags must be flown from the boat at the finish gate.

The 3 minute signal shall be given by raising the said flags or indicators. After 2 minutes 30 seconds one flag or indicator shall be lowered allowing 30 seconds for skiers to enter the water and make ready. After three minutes total, the second flag or indicator will be lowered to signal the start.

The finish shall be denoted by the chequered flag (all skiers should then proceed to the centre of course or other area designated at briefing) before dropping off.

Any teams who, in the opinion of the Chief Judge, are endangering others shall be disqualified and withdrawn from the race by means of displaying a black flag to the driver from the Safety boat and/or start/finish boat.

6.04: INSURANCE

As current BWSW Racing Rules.

6.05: BRIEFING

Race briefing shall be under the authority of the Chief Judge and shall be held prior to racing and so on the same day. The driver from each crew shall attend to be informed of the course, weather, safety and any other relevant matters.

6.06: EQUIPMENT

- As Current BWSW Racing Rules.

6.07: CREWS

The crews shall consist of one or more skiers, an observer and a driver. They shall meet the following criteria:-

- Observers shall be competent and aged over 16 years.
- Drivers shall be competent and aged over 18 years.
- All crew members shall be current members of BWSW

6.08: RACE CONDUCT

As Current BWSW Racing Rules.

6.09: CLASSES

Classes for Club races shall be as designated by the Club.

6.10: RACE DURATION

The race duration shall be as designated by the Club.

6.11: MEDICAL SUPERVISION

A qualified Nurse, St Johns Ambulance Service or Red Cross shall be in attendance for the duration of the race.

SECTION 8 – OFFICIAL'S QUALIFICATIONS

RACING JUDGES CATEGORIES

All race officials must be current members of BWSW. **All Judges must be in possession of a VHF (DSO) Certificate.**

7.01: INTERNATIONAL JUDGE

Examinations are held annually and application should be made to BWSW via the Executive Chief Judge who, after discussion with the Racing Com. will in turn apply to the IWWF E&A Region. Only one per country per year may apply for International status, hence the importance of continuity in applications

7.02: NATIONAL JUDGE

Candidates may apply to the Executive Chief Judge after a two year period of judging at Regional level. They will sit a written examination under the supervision of a National Judge and achieve a pass mark of 85%. A calculator only will be allowed.

Upon passing the exam the candidate will act as Chief Judge at a National race under the supervision of a qualified National judge and a report may be submitted on the candidate's ability.

7.03: ASSISTANT NATIONAL JUDGE

A Regional Judge may sit as an Assistant National Judge at National races prior to sitting written paper.

7.04: REGIONAL JUDGE

Candidates must be supported by a recommendation from either a National Judge, their Club Commodore or other person acceptable to the Executive Chief Judge. A written examination must be sat under the supervision of a National Judge and must achieve a pass mark of 90%. A rule book and calculator may be used during the exam.

7.06: FUNCTIONS

All categories of judges may be used at National Races either as Assistants or as Turn buoy judges. If asked by the Chief Judge on the day to assist either land based or on the water it is expected they will comply with the request.

Any person wishing to become an official National or Club Judge should apply to the Executive Chief Judge for further information.

RIGHTS AND DUTIES OF RACING OFFICIALS

This document shall be considered as "*The Commandments of Racing Official*". It will be delivered to all new and former Judges for their information and must be returned, **duly signed**, to the Executive Chief Judge BWSW Racing.

- 1 When a National Judge is appointed as an International Judge, he/she obviously keeps his/her Nationality, but he/she must remember *"to lose it"* during the time he/she is acting as a Judge during an International Race.
- 2 A Judge has the obligation of being *impartial*.
- 3 As it is stated in the Rules, decisions shall be made by the majority vote of the Jury on duty on Race day.
In case of tied vote, the vote of the Chief Judge shall decide.
- 4 It is *"strictly forbidden"* for Judges - on duty or not - to make any Comment concerning the decisions of the Jury with competitors, press or any other persons, relevant to the events of the day.
- 5 In the case where a decision requires the attendance of involved competitors, they must report to the Jury Meeting Room to present their arguments when called for by the Chief Judge. The Judge's deliberations shall be done without the attendance of any other person, other than the Jury members or persons invited by the Chief Judge.
- 6 The Chief Judge has overall responsibility on Race day.
- 7 *The murmuring or comments which may create an anti-sportive atmosphere should be denounced by the Judges to the Racing Com.,* through the Chief Judge. The Racing Com. may sanction the people involved in the murmuring.
- 8 Uphold the authority and dignity of the IWWF, E&A Region and BWSW.
- 9 *Officials who do not honour their duty with impartiality* could be sanctioned by the Racing Com.
- 10 Except in case of "force majeure", Judges must attend the Jury to which they have been appointed, unless they have given notice of their absence, in due time, to the Organisers and to the Ex Chief Judge.

Please return one copy, duly signed, to the Executive Chief Judge, BWSW Racing Com.

Read and accepted: Signature:

Name.....

Date

(Approved by the Racing Committee February 2012)

Directory 2011 Season

Gregory Bassam 2 Wordsworth Close, Paston, Peterborough, Cambs, PE4 6SU **Home:** 01733 572129
Work: 01733 322108 **Mobile:** 07785 325893 **Email:** gregbassam@gbwatersports.co.uk

James Bartlett 1 Croft Cottages, Moor Road, Moorlynch, TA7 9BU **Home:** 01458 211225

Mobile : 07515538412

Email: jamesbartlett10@hotmail.com

Derek Blackmore Fernleigh, Offwell, Honiton, Devon, EX14 9SE
Work: 01404 42798

Mobile: 07976 542798

Home: 01404 831507
Email: waterski1@eastdevon.com

Gary Clarke 10 Hunters Way, Uckfield, East Sussex, TN22 2BB
Fax: 01825 766090

Mobile: 07850 684314

Home: 01825 766090

Mitch Clarke 77 Adelaide Gardens, Chadwell Heath, Romford, Essex RM6 6SU
Mobile: 07879 880035

Home: 0208 599 1890
Email: mclarke@ghgplc.com

Paul Cole 71b High Street, Teversham, Cambridgeshire, CB1 5AG
Work: 01223 292 110

Mobile: 07771 646870

Home: 01223 294608
Email: paulcole71@hotmail.co.uk

Peter Driscoll c/o Allhallows Yacht Club, The Seafront, Allhallows On Sea, ME3 9SY
Work: 01689 822001

Fax: 01689 822001

Home: 0208 776 1048
Email: pdacad@yahoo.co.uk

Darren Elliott 31 Coes Green, Chattenden, Kent, ME3 8PY
Mobile 07919 016511

Email: darrene4@hotmail.com

Frank & Sue Fleming Malthouse Barn, Cheney Hill, Heacham, Kings Lynn PE31 7EQ
Mobile: 07836 359066

Home: 01485 570007
Email: frankflembo@aol.com

Barry Frame Orchard Cottage, The Street, High Halstow, Kent ME3 8SF
Work: 020 8302 9874

Mobile: 07973 409973

Home: 01634 256460
Email: barry.frame@sky.com

John Grimes Mendip View, Mendip Road, Rooksbridge, Somerset, BS6 2UG
Fax: 01934 750140

Mobile: 07850 639605

Home: 01934 750330
Email: towengltd@aol.com

Richard Green 28a The Boulevard, Weston Super Mare, Somerset, BS23 1 NF
Mobile: 07932 236247

Email: richgreen28@aol.com

Colin Harris 50 Taff Embankment, Grangetown, Cardiff, CF1 7BJ
Work: 029 20222100

Mobile: 07967 099330

Home: 029 2025 2590
Email: info@cityprint.co.uk

Rodney Hawkins

Mobile: 07770 697702

Email: rod76@live.com

Robert Jenkins 5 Somerville Road, Sandford, North Somerset, BS25 5RP
Mobile: 07776 076237

Home: 01934 822516
Email: rj.marine@hotmail.co.uk

Dave Llewellyn 17 Hillside Park, Bargoed, Mid Glamorgan, CF81 8NJ
Mobile: 07986 076072

Home: 01443 831155
Email: dave@skirace.net

Tim Mayers Harbour Heights House, Cobb Road, Lyme Regis, Dorset, DT7 3JR
Mobile: 07798 865526

Home: 01297 442911
Email: tim@mayers7676.fsnet.co.uk

Nigel Newland 85 HarestoneHill, Caterham, Surrey, CR3 6DL
345932

Home: 01883

Mobile: 07973 185666

Email: Nigel@newland111.freeserve.co.uk

Michelle Norman 2 Hammond Way, Somersham, Huntingdon, Cambs PE28 3YE **Home:** 01487 842229
Mobile: 07879 473680 **Email:**

tomandmichelle@talktalk.net

Mandy Rix White Gables, Windmill Hill, Exning, Newmarket, Suffolk, CB8 7PB **Home:** 01638 577320
Fax: 08450 706128 **Mobile:** 07774 550728 **Email:** mandy.rix@ntlworld.com

Derek Sewell 62 Wood View Road, Dunmow, Essex BM15 1BU **Home:** 01371 874397

Aubrey Sheena 1 Greenacres, Bushey Heath, Bushey, WD23 1RF **Home:** 0208 950 0685
Fax: 0870 7622545 **Email:** aubrey@sheenas.co.uk

David Silver 117 Harris Avenue, Rumney, Cardiff, CF3 1QD **Home:** 02920 211193
Mobile: 07805 651938

Michael Spindley Oakdale, Muckingford Road, Linford, Stanford Le Hope, Essex, SS17 0RK **Home:** 01375 855840
Work: 01375 856902 **Mobile:** 07850 144154

Dal Spinola 28 llanmaes Street, Grangetown, Cardiff CF11 7LQ **Home:** 02920 345962

Kelly Turner 18 Quantock Road, Portishead, Bristol, BS20 6DP **Email:** mercuryracing@hotmail.com
Mobile: 07909 917016

Wendy Waite, Safari, Lion Hill, Stone Cross, Pevensey, East Sussex BN245ED **Home:** 01323
766708
Work: 01323 488500 **Mobile:** 07860 387201 **Email:** wendy.waite@sky.com

Mike Waterman 3 Alastair Drive, Yeovil, Somerset, BA21 3BT **Home:** 01935 478067
Work: 01935 474264 **Fax:** 01935 432689 **Mobile:** 07780 682616
Email: mike.waterman@virgin.net

Anthony Williams 53 Drake Road, Wells, Somerset, BA5 3LE **Home:** 01749 673805
Fax: 01749 673805 **Mobile:** 07780 835810 **Email:** willpower53@talktalk.net