CONSTITUTION OF THE UNITED KINGDOM DART 15 ASSOCIATION

1. TITLE - ASSOCIATION

(a) The full title of the association shall be "THE UNITED KINGDOM DART 15 ASSOCIATION"

2. OBJECTS

The objects of the United Kingdom Dart 15 Association are to promote and develop the interests of Dart 15 catamaran owners and sailors throughout the World

- (a) to encourage and foster the enjoyment and fellowship of recreational catamaran sailing
- (b) to encourage and co-ordinate national and international events in the class
- (c) to encourage and manage the affairs of the class
- (d) to maintain the class rules and production one-design character of the Dart 15 catamaran

3. HEADQUARTERS

(a) The Headquarters of the Association shall be in England and the official language shall be English

4. JURISDICTION AND ORGANISATION

(a) The Association has authority over all activities of the Dart 15 Catamaran Class and its powers shall be vested in and carried out by the Committee as provided in this Constitution

5. COMMITTEE

- (a) The Association shall be governed by the Committee, comprising the chairman and such additional officers as are elected by members at the Annual General Meeting
- (b) The Committee shall meet from time to time at the request of the Chairman or three other members
- (c) The Committee shall elect from amongst themselves the Chairman and Vice Chairman of the Association, who shall hold office until their Successors are elected to office
- (d) In the event that the Chairman is unable to attend any meeting of the Committee, the Vice Chairman, Secretary or any other member of the Committee nominated by the Chairman for that purpose may attend and represent the Chairman and vote at such meeting of the Committee
- (e) The quorum shall be half the number of the Committee then in being rounded up to the nearest whole number
- (f) Each Committee member shall have one vote. Decisions shall be reached by a simple majority, and in the event of an equality of votes the Chairman of the meeting shall have an additional vote
- (g) The Designer, Rodney March Esq. and a representative nominated by Bryher Mouldings Ltd./the manufacturer, shall have the right to attend and speak at all Committee Meetings but shall have no

voting rights unless elected as a Committee member

- (h) Twenty-one days' notice of Committee Meetings must be given to all Committee Members, including the Designer and the nominated Bryher Mouldings Ltd/the manufacturer representative. The notice of the meeting shall include an agenda
- (i) A Secretary shall be appointed by the Committee, upon such terms as the Committee may think fit
- (j)The Secretary shall be responsible under the supervision of the Chairman for the maintenance of the affairs of the Association including the following:

Minutes of the Committee Register of Members Register of Boats

- (k) The Committee shall cause proper books of account to be kept of all income and expenditure and of all dealings with the assets of the Association and shall circulate annually to all members an income and expenditure account and balance sheet
- (l) The Committee shall determine all matters concerning the Dart 15 Class Rules, including interpretations.
- (m) The Committee shall appoint, on such terms as it may think fit, a Chief Inspector (non-voting)

6. ANNUAL GENERAL MEETINGS

- (a) The A.G M. of the Association shall be held the date, time and place being at the Committee's discretion
- (b) Business at the A.G.M. shall comprise
- i) Chairman's report
- ii) Secretary's Report
- iii) Treasurer's Report and presentation of accounts
- iv) Election of Officers and Committee.
- v) Proposals, of which notice has been received 21 days prior to the A G M by the Secretary, who should in turn advise all members of these proposals 14 days before the A.G.M vii) Venue for future National Championships
- (c) Extraordinary General Meetings may be called by the Association Committee, or shall be called by the Chairman upon receipt by the Secretary of a request in writing, signed by not fewer than ten members of the Association.
- (d) At least 28 days' notice, together with a copy of the agenda shall be given to all Members of any General Meeting
- (e) At any General Meeting decisions shall be by simple majority.
- (f) Voting to be by show of hands unless a poll is demanded by not fewer than three of the members present. At General Meetings both full and associate members may be allowed to join in discussion but only full members may vote. In the event of an equality of votes, the Chairman shall have an additional vote.

7. FLEETS

- (a) Fleets may be formed by Association Members in any locality upon application to the Committee
- (b) The Committee shall have the power to approve, amalgamate or disband fleets.
- (c) A Fleet Captain, and such other officers as the Fleet may deem necessary, shall be elected annually from among the members of the Fleet in such manner as is prescribed by the Fleet unless otherwise provided by the Constitution. The Fleet Captain and any other Fleet Officers shall be responsible to the Committee for the affairs and conduct of the Fleet, and due compliance by the members with the Constitution.
- (d) Fleets may organise local sailing and social activities within the objects of the Association

8. NOTICE OF MEETINGS AND POSTAL VOTES

- (a) Notice of meetings or ballot papers shall be deemed to be served if posted (by airmail if overseas) to the last known address of the member, or sent by email communication to the member.
- (b) Non-receipt of notices or ballot papers by members, or of postal votes by the auditors, shall not invalidate the proceedings of meetings, or the result of a postal ballot.

9. MEMBERSHIP

- (a) Full Membership shall, upon payment of the prescribed annual subscription, be open to any owner of a Dart 15, in the case of joint owners, to not more than one of them, or in the case of a Dart 15 owned by a Corporation or Association, to a nominated representative of that organisation.
- (b) Associate Memberships shall, upon payment of the prescribed annual subscriptions be open to any person or club interested in the Dart 15 Class. (e.g. non- Dart 15 owners)
- (c) Honorary Membership The Committee may grant honorary life membership to any person as a mark of respect or appreciation of exceptional service to the Association. An honorary life member, who would otherwise qualify for full membership under Rule 4 (a) shall be entitled to all privileges and voting rights of such membership without payment of annual subscriptions

10. SUBSCRIPTIONS

- (a) Association subscriptions shall be the amount determined by and shall be payable within the time prescribed by the Committee.
- (b) The Association may ask for special contributions in addition to subscriptions, provided any such contribution shall be for a specific purpose and shall not be mandatory.

11. SUSPENSION OF MEMBERSHIP

(a) A member may be suspended by the Committee for gross violation of the rules, for committing an unlawful act in relation to the Association or one of its members, on for any unsportsmanlike conduct contrary to the interests of the members of the Association. The duration of the suspension shall be fixed by the Committee but may not exceed two years and a suspended member shall during such period be precluded from racing or enjoying any other rights of membership

12. REMOVAL FROM OFFICE

(a) An Officer may be removed from office by the Committee for a willful and unjustifiable act of commission or omission detrimental to the Association or to its members

13. APPEALS

(a) Any dispute arising in relation to fleets, Championships Rules, eligibility to race or similar matter, the interpretation of this Constitution and the Class Rules, may be referred to the Committee, whose decision shall be final and binding

14. AMENDMENTS TO THE CLASS RULES

(a) The class rules shall only be amended at the Annual General Meeting, provided not less than twenty-one days notice of such proposed amendment has in each case been given

15. AMENDMENTS TO THE CONSTITUTION

(a) This Constitution maybe amended at the Annual General Meeting, provided not less than twenty-one days notice of such proposed amendment has in each case been given

RULES FOR NATIONAL CHAMPIONSHIPS

1.0.RESPONSIBILITY FOR VENUE AND ORGANISATION

- 1.1. The Committee shall be responsible for considering and selecting suitable venues for Championships
- 1.2. The Committee shall send a copy of these rules to prospective host Clubs to ensure that they can be complied with
- 1.3. The Committee, having satisfied itself that the host club can meet its requirements, may then delegate this responsibility to the to the host club.
- 1.4. The Committee or the host club shall be responsible for arranging the financing of the Championship.

2.0.APPOINTMENT OF JURY AND THEIR TERMS OF REFERENCE.

2.1 A jury may be appointed as provided by the Rules of International Yacht Racing Union except that it shall not decide on matters relating to entries and measurement. These shall be the responsibility of the Class

3.0. ELIGIBILITY AND ENTRIES

- 3.1. The current champion shall have the right to defend his title without qualifying and without his entry affecting the number of boats allowed to enter
- 3.2. The host club shall not restrict the number of entries. However, entries received less than 14 days before the first scheduled Championship Race shall only be accepted at the discretion of the host club
- 3.3. All helmsmen shall be members of the Association. Evidence of their current membership card shall be produced.
- 3.4. Crew substitution shall only be allowed after the first race in case of sickness, accident on special circumstances, and only with the permission of the Jury or Race Committee
- 3.5. The Race Committee may at its discretion restrict entries to bona fide Dart 15 sailors as perceived by them

4.0.INVITATIONS

- 4.1. Invitations shall be circulated to all members of the Association not later than eight weeks before the first race of the event. Whenever possible, the invitation will be circulated in the Association magazine or by postal or email notification, but if necessary it may be announced only on the Association website.
- 4.2. The entry fee shall be agreed between the United Kingdom Dart 15 Association and the host club.

5.0.MEASUREMENT

- 5.1. The host club shall provide facilities for inspection and measurement of boats
- 5.2. The Committee shall appoint an inspector. The official inspector shall have the right to inspect all boats at his discretion.
- 5.3. A boat shall be allowed to race only if it satisfies the requirements for a valid Measurement Certificate. Boats without cocktail cabinets in each hull shall carry correction weights.
- 5.4. No alternative hulls, equipment or sails will be allowed. In the event of any hull or equipment failure or irreparable sail damage the matter shall be reported to the Jury or Race Committee. They may at their discretion, if satisfied that the failure was the result of causes outside the control of the helmsman and crew, allow an approved new or second-hand replacement part to be used.
- 5.5. Major alterations or repairs to boat on sails shall be reported to and under the control of the official inspector. When the official inspector has reason to doubt the measurement of any part of a boat he shall have the power to disqualify that boat. However, the helmsman shall have the right to appeal in writing to the Committee. Until such a ruling is given the helmsman may replace the disputed item with an approved new or second-hand replacement -
- 5.6. No measurement shall take place after the first points race except under 5.5 above

6.0.RACING CONDITIONS

- 6.1 All races shall be conducted under the Racing Rules of the I.Y.R.U and the Sailing Instructions laid down by the host club. The sailing instructions including the course signals and other procedural requirements shall conform as closely as practicable to those laid down by the I YR U and shall be approved by the Association
- 6.2. The races shall be sailed in open waters, and it is desirable that the nearest mark of the course shall be within one nautical mile of the official boat-park.
- 6.3. The Championship should be sailed on its own course, and not at the same time as any other event. This may be waived for National Championships
- 6.4. The National Championship number of races and discard profile will be as defined by the Notice of Race and the Sailing Instructions. If less than three races are completed, the event shall not constitute a Championship.
- 6.5. Postponed or abandoned races shall be restarted within two hours of the advertised starting time of that race or postponed to another day. If postponed to another day a minimum of 18 hours notice must be given for the rescheduled start of such a race.
- 6.6. It is recommended that subsequent races shall not be started on any day when the wind and sea conditions during the previous race physically exhausted crews or were such that accidental damage was sustained to boats.
- 6.7. Rescue boats shall be provided in the ratio of one rescue boat per fifteen entered boats
- 6.8. In the event that the National Championship is re-scheduled as a result of 6.4 the committee may waive 6.2

7.0. COURSES

- 7.1. All starts shall be planned to be to windward. Compass bearings of course marks shall not be provided.
- 7.2. Courses will be defined by the Committee

8.0.TIME LIMIT

- 8.1. The time limit for the first boat to finish shall be two and half hours after the start gun.
- 8.2. If one boat finishes within the time limit, all boats finishing within the next 45 minutes shall be timed. Remaining boats shall be treated as retiring.
- 8.3. If the first boat fails to reach the weather mark within 45 minutes after the start, the race may be abandoned.

9.0. SCORING

9.1. The Olympic scoring system shall be used as laid down by the I.Y.R.U.

10.0. PROTESTS

- 10.1. All protests shall be heard by the Jury or protest committee, properly constituted.
- 10.2. It is recommended that an alternative penalty of a 360 degree turn is introduced as provided for by the I.Y.R.U. Rules

11.0. TROPHIES AND PRIZES

- 11.1. The Championship Perpetual Trophies shall be awarded annually to the winners.
- 11.2. The host club is expected to present appropriate prizes for both helmsman and crew.
- 11.3. Additional trophies may be awarded for special purposes

DART 15 CLASS RULES

1. GENERAL

- (a) The official language of the Class is English and in the event of dispute over interpretation the English text shall prevail.
- (b) These rules and drawings referred to herein shall take precedence.
- (c) The United Kingdom Dart 15 Association accepts no legal responsibility in respect of these rules or any claim arising therefrom
- (e) These rules shall be administered by the Committee

2. BUILDING FEE

- (a) The Designer's Royalty Fee shall be paid by Bryher Mouldings Ltd., or its sub-licencees in accordance with the agreement between Bryher Mouldings Ltd. and the designer, Rodney March.
- (b) Non-payment of the Royalty Fee for any reason whatsoever shall invalidate the Measurement Certificate.

3. BUILDERS

- (a) Builders and Sail Makers of the Dart 15 shall be only those licensed by Bryher Mouldings Ltd, except as in (b) below.
- (b) The Committee may appoint a single alternative supplier for any replacement part

4. REGISTRATION

- (a) Measurement Certificates shall be distributed by the builder on delivery of a new boat to a customer or distributor. The Measurement Certificate shall carry a unique Serial Number, which corresponds to the sail number. Bryher Mouldings Ltd shall issue sail numbers, which shall be consecutive commencing from one
- (b) Measurement Certificates shall carry the following information provided at the point of dispatch of a new boat: -

Sail Number

Licensed Builders stamp and witnessing signature, confirming that the Designer's Royalty has been paid

Port hull building number and colours Starboard hull building number and colours Month and year of manufacture

- (c) No boat shall be permitted to race in the Class unless it has a valid Measurement Certificate
- (d) The Association may charge a registration fee.

(e) Notwithstanding anything contained in these rules, the Association shall have the power to withdraw the Certificate of any boat.

5. RECOGNITION MARKS

- (a) The hull production number shall be indelibly marked in the laminate such that it can be read through the rear hatch opening.
- (b) The sail numbers and Class emblems shall be placed on both sides of the mainsail, Sail numbers and emblems shall sharply contrast in colour with the sail and shall be placed at different heights on the two sides of the sail, those on the starboard side being uppermost.
- (c) Sail Maker's marks, if any, shall be placed near the tack of the sails and shall not exceed 150mm by 150mm.

6. SPECIFICATION

- (a) The specification of the Dart 15 is contained in the following drawings and documents:
 - i) List of parts, which detail the equipment and fittings that an owner may or may not replace from any source, as stated in Rule 10.
 - ii) Drawings showing the boat assembly
 - iii) One design Drawings, which describe the hull, spars and other equipment supplied by the approved sources and stated in Rule 10. These drawings shall be in the custody of the Association and are available at the time of any dispute, only to officials approved by the Association
- (b) This is a Production One Design Class. Measurement tolerances are intended to allow for random manufacturing variations only and shall not be deliberately used to alter the design. Any alterations to the hull construction, equipment, spars, sails or running rigging, as supplied by the manufacturers, except as specifically authorised by these rules, is prohibited.
- (c) All boats shall comply with the drawings and documents specified in 6(a) Whilst racing, all equipment specified in Rule 10 Replacement Parts shall be carried and assembled. When one person only is on board, the jib shall be left ashore or furled. Failure to comply shall invalidate the Measurement Certificate. This is termed Dart 15 Standard mode of sailing.
- (d)In the case of a measurement dispute not explicitly covered by 6(a), the following procedure shall be adopted A random sample of 15 boats shall be taken and measured using identical techniques. The dimensions of the disputed boat shall be equal to, or between, the maximum and the minimum dimensions obtained from these 15 boats. If the boat in question is outside these dimensions the matter, together with all relevant information, shall be referred to the Dart 15 Association Committee , who shall give a final ruling. If any of the dimensions of the sample are considered to be unusual, all relevant information shall be referred to the Dart 15 Association Committee.
- (e) Hulls shall be built only by Licensed Builders from official moulds issued by Bryher Mouldings Ltd. All official moulds shall be produced only from master plugs approved and certified by the Committee.
- (f) The Committee may inspect at any reasonable time all moulds and master plugs. The Committee shall have power to withdraw from use any moulds, or master plugs, which, in its opinion, are not of a

standard to preserve the strict one design of the Dart 15. The Committee may delegate such inspection duties to an official inspector.

- (g) Sails shall be manufactured only by licensed Sail Makers from patterns supplied by Bryher Mouldings Ltd., and approved and certified by the Committee.
- (h) Only an official inspector recognised by the Committee shall be able to verify the authenticity of a boat. Payment for the inspectors services is the responsibility of the owner
- (i)An official inspector shall not verify the authenticity of a boat or any part of a boat owned by himself.
- (j) All certified boats shall be liable to examination at the discretion of the Dart 15 Association Committee or Race Committee, but only by a recognised official inspector
- (k) In the event of any damage to a boat, necessary repairs may be made, subject to Rule 6(a), provided that repairs are made in such a way that the essential shape or other characteristics are not affected. The boat shall be reexamined in respect of the affected parts by an official inspector.
- (l)Any dispute regarding the measurement of a boat or the interpretation of these rules shall be referred to the Committee for ruling. Any ruling shall require a greater than 2/3 majority (including the Chairman's casting vote) decision, which shall be final and binding.

7. MISCELLANEOUS

- (a)Both rudders shall be at all times in the fully down position except when clearing underwater obstructions.
- (b) No person may re-cut any sail or otherwise change or affect any aspect of the sail for any reason other than necessary repairs or placing racing numbers thereon
- (c) Hulls and rudder blades, which require refinishing may be painted.

8. SAFETY

(a) The following equipment shall be carried on board whilst racing.

A Praddle

Personal buoyancy for each crew member

9. PERSONS ON BOARD

(a) The crew, including helmsman, shall consist of one or two persons.

10. REPLACEMENT PARTS

See next page....

10. REPLACEMENT PARTS

All items shown below and allocated three dimensions at 90 degrees to one another, may be obtained from any source provided that the item can be contained within those dimensions. All demensions are in millimetres.

NOTE: Some dimensions are '0'. Those items may be carried at the crew's discretion.

All Other items must be supplied by a licencee appointed in accordance with Rule 3(a).

Spark Fun parts not Race Legal

Boat	D	Assy	Description	Wie	dth	De	pth	Len	gth
Part	number			Max	Min	Max	Min	Max	Min
SH596			Hull assy Starboard						
SH597	n/a		Hull assy Fun port						
SH598			Hull assy Starboard						
SH599	n/a		Hull assy Fun port						
SH601	D40005		Chainplate - bridle						
SH602	# 0391		Screw			TO FIT	SH630		
SH605	D40006		Chainplate - shroud	20	17	4	1.5	150	140
SH606	D50057		Screw			TO FIT	SH605		
SH607	D50059		Nut			TO FIT	SH606		
SH608	# 0321		Washer			TO FIT	SH606		
SH609	D40035		Transom Gudgeon						
SH610	# 0331		Screw			TO FIT	SH609		
SH611	# 0307		Nut			TO FIT	SH610		
SH612	# 0310		Washer			TO FIT	SH610		
SH613	D40036		Transom Pintle						
SH614	# 0331		Screw			TO FIT	SH613		
SH615	# 0307		Nut			TO FIT	SH614		
SH616	# 0310		Washer			TO FIT	SH614		
SH617	n/a		Toe loop	20	10	20	0	400	300
SH618	D40285	D00001	Toe loop plate	26	14	15	0	95	55
SH619	D50091		Rivet			TO FIT	SH618		
SH620	D51053		Track trampoline						
SH621	D50012		Rivet			TO FIT	SH620		
SH622	D40035		Ring - Hatch cover RR	150	110	20	10	150	110
SH623	D50014		Rivet			TO FIT	SH622		
SH624	D40032		Sealing O ring - Hatch cover RR	150	0	5	0	150	
SH62S	D40031		Hatch cover RR			TO FIT	SH622		
SH626	D40161		Ring - Hatch cover FR	200	0	20	0	200	
SH627	D50014		Rivet			TO FIT	SH626		
SH628	D40160		Sealing O ring - Hatch cover FR	200	0	5	0	200	

Boat	D	Assy	Description	Wi	dth	De	pth	Len	gth
Part	number			Max	Min	Max	Min	Max	Min
SH629	D40159		Hatch cover FR			TO FIT	SH626		
SH630	D40315		Plate threaded - bridal						
SB631	D50012		Rivet			TO FIT	SB632		
SB632	D40333		Spring Mount						
SB633	?								
SB634	D00489		Front Beam						
SB635	D40286		Thrust pad						
SB636	# 0354		Rivet			TO FIT	SB635		
SB638	D50016		Rivet			TO FIT	SB673		
SB639	?		Bullseye - righting line	20	0	30	20	50	35
SB640	?		Rivet			TO FIT	SB639		
SB641	?		Righting line	10	0	10	0	6000	4000
SB642	?		Shock cord - righting line	6	0	5	0	3000	2000
SR643	?			40	20	10	4	60	30
SR645	D40271		Tiller Arm Fork End Bracket					ı	-
SB646	?		Rivet			TO FIT	SB647		
SB647	D0215		Mainsheet fixing - Fun only	15	0	30	15	70	40
SB648	D00430		Beam Rear						
SB649	D40287		Thrust pad						
SB650	?		?			TO FIT	SB649		
SB651	D00003		Leaf Spring GRP						
SB652	D40042		Rear Beam Clip						
SB653	# 0318		Nut			TO FIT	SB652		
SB654	D50168		Washer			TO FIT	SB652		
SB655	D40024		Trampoline Slide	20	10	30	15	40	20
SB656	D50121		Rivet			TO FIT	SB648		
SB662	D40351		Beam Spring			TO FIT	SB632		
SB665	D40038		Traveller Car Assy						
SB666	D81591	D81599	Toe Straps	70	40	3.5	1	1500	1750
SB667	D80003		Toe Strap Tensioning Line	6	3	6	3	1700	1000
SR668	?		?						
ST669	D61501		Trampoline						
ST670	D80002		Trampoline lacing line	0	15	6	3.5	3700	3000
ST671	D00949		Trampoline Tube			TO FIT	ST035		
SR672	D60033		Tiller Port						
SB673	D91520		Mast Ball						
SR675	D40181		Tiller end casting pin						

Boat	D	Assy	Description	Wi	dth	De	pth	Len	gth
Part	number			Max	Min	Max	Min	Max	Min
SR676	D40182		Tiller Key hole clip	2	1	30	20	40	30
SR677	D40197		Tiller end casting port						
SR678	D40230		Tiller slide shoe						
SR679	D40185		Slider shaft						
SR681	D40195		Sleeve for tiller post						
SR682	D40196		Tiller end casting port						
SR683	D50083		Rivet			TO FIT	SR645		
SR685	D90001		Rudder stock A Frame						
SR686	D30084		Rudder Gidgeon Casting						
SR687	D90012	D90001	Rudder A frame Pintle Casting						
SR688	D40241	Rudder Stock	Rudder Pintle Pin						
SR689	D40167		Rudder stock pillar post						
SR690	D40168		Rudder sheave wheel						
SR691	D50028		Rivet			TO FIT	SR686 &	SR687	
SR692	D40170		Rudder lock roller						
SR693	D40171		Rudder lock roller axel						
SR694	D90010		Rudder lock roller shoe						
SR695	D40173		Rudder lock spring						
SR696	D40202		Rudder Retaining Clip	25	15	1	0.5	80	50
SR697	D50028		Rivet			TO FIT	SR696	1	
SR698	D40169		Rudder sheave axel						
SR699	# 0375		Bolt						
SR700	D50089		Rudder Blade pivot bolt						
SR701	# 036		Nut						
SR702	D50169		Rudder Bolt Plain Washer						
SR703	D50119		Rudder Bolt Shoulder Washer						
SR704	# 0321		Washer						
SR705	# 0376		Rudder Blade pivot nut						
SR706	D40189		Rudder Bolt Stock Sleeve						
SR707	D70001		Rudder Lock Roller Wire			TO FIT	SR693		
SR709	# 0377		Washer						
SR710	D00092		Rudder Blade						
SR711	D40189		Rudder Bearing						
SR712	D00090		Rudder Blade L Anvil						
SR713	# 0380		Screw						

Boat	D	Assy	Description	Wi	dth	De	pth	Len	gth
Part	number			Max	Min	Max	Min	Max	Min
SR714	?		Tiller shock cord			TO FIT	SR676 &	SR672 &	SR718
SR715	?		Nut						
SR716	D50057		Bolt						
SR717	D40231		Long Hook for lock Roller Wire						
SR718	D60034		Tiller Arm Starboard						
SR719	D00252		Tiller Grip	35	20	35	0	600	300
SR720	D00260		Tiller Connecting Bar						
SR721	D40151		Tiller pivot						
SR722	# 0377		Washer			TO FIT	SR721		
SR723	D50087		Split pin			TO FIT	SR721		
SR724	D40008		Stepped washer						
SR725	D900950		Conbar outer tube						
SR726	D50028		Rivet			TO FIT	SR725		
SR730	D00245		Tiller extension tube						
SR731	D40289		Tiller extension Knob						
SR732	D50028		Rivet			TO FIT	SR734		
SR733	D40263		Tiller UJ pivot bolt pin			TO FIT	SR734	& SR721	
SR734	D00947		Spade style tiller UJ tube						
SM735	D50028		Rivet			TO FIT	SM772		
SM736	n/a		Mast connecting piece - split mast			TO FIT	SM870		
SM737	?		Rivet	10	0	10	0	20	0
SR738	D40262		Tiller UJ pivot nut			TO FIT	SR733		
SW740	D71507		Bridle wire	3.25	2.25	3.25	2.25	1200	1190
SW743	D40279		Bridle wire shackle with clevis pin	15	6	15	5	30	20
SW751	D40034		Forestay Shackle Hounds			TO FIT	SW776		
SW755	D71506		Shroud						
SW761	D40019		Shroud Shackle Hounds			TO FIT	SW776	& SW755	
SM762	D40032		Sheave Lower mast						
SM763	D40262		Circlip sheave pin			TO FIT	SM767		
SM764	# 0351		Rivet			TO FIT	SM770		
SM765	D00171		Mast						
SM766	D40342		Sheave Upper mast						
SM767	D40250		Sheave Pin Upper mast			TO FIT	SM766		
SM768	D41922		Sheave Block Lower Mast						
SM769	D91807		Mast Base Anchor						

Boat	D	Assy	Description	Wi	dth	De	pth	Len	gth
Part	number			Max	Min	Max	Min	Max	Min
SM770	D00541		Mast Heel Casting (Foot)						
SM771	D40106		Mast Ball Pin			TO FIT	5M770		
SM772	D00968		Mast Heel Plate						
SM773	D90011		Mast Halyard Hook Plate						
SM774	D50014		Rivet			TO FIT	SM773		
SM776	D90004		Hound Fitting						
SM777	D81806		Downhaul Line	6	3	6	S	1200	600
SM778	D91553		Downhaul Hook	40	20	10	5	70	30
SM779	D81804	D81504	Halyard - Mainsail	6.5	5.5	6.5	5.5	16000	14000
SM780	D91552	Halyard Assy	Main Halyard Lock Ring						
SM781	D40014		Downhaul block/cleat	50	0	20	8	90	50
SM782	n/a		Cleat	20	10	25	10	100	30
SM783	D40428		Sheave pin lower						
SM784	n/a		Rivet			TO FIT	SM782		
SS792	D92051		Mainsheet Clew Hook						
SS801	D00318		Yellow Batten #1						
SS802	D00172		Red Batten #2						
SS803	D00172		Red Batten #3						
SS804	D00172	D00102 Batten Set	Red Batten #4						
SS805	D00172	Datton Cot	Red Batten #5						
SS806	D00172		Red Batten #6						
SS807	D00172		Red Batten #7						
SS808	?		Batten buffer	30	0	2	0	500	0
SS811	D61520		Mainsail						
SS812	n/a		Dart 15 insignia						
SS813	?		Sail Numbers	200	30	0.8	0.2	350	250
SS814	D40233		Burgee Fitting			TO FIT	SA830		
SS815	n/a		Head plate						
SS816	n/a		Clew fitting						
SS817	D40132		Batten end protector	15	0	35	25	75	55
SS819	n/a		Batten tensioning line	4	1	4	1	800	400
SS820	n/a		screw			TO FIT	SS817		
SA825	?		Praddle	200	100	50	15	1500	400
SA828	?		?	30	0	12	0	450	0
SA830	?		Burgee	350	250	25	0	500	400
SR840	D50029		Rivet			TO FIT	SR841		
SR841	?		Washer	15	12	1 5	0 75	15	12
SM867	?		Rivet			TO FIT	SM768	& SM765	

Boat	D	Assy	Description	Wie	dth	De	pth	Len	gth
Part	number			Max	Min	Max	Min	Max	Min
SM870	?		Mast 2 piece						
SM871	?		Mast sealing stopper for 2 Piece mast			TO FIT	SM870		
SB874	?		Ball - righting Line	40	0	40	20	40	20
SB875	?		Righting Line Bungee joining piece			TO FIT	SB641		
SR876	D30165		Rudder Lock Pin Sleeve			TO FIT	SR695		
SM877	D40262		Clevis ring for Mast Pin			TO FIT	SM770		
SR880	?		?			TO FIT	SR677	or SR682	'_
SH644	n/a		Hull Graphic						
SB866	D50125		Screw			TO FIT	SB648		
SB868	?		?			TO FIT	SB866		
SM869	D40262		Circlip Sheave pin lower			TO FIT	SM783		
SB872	D40358		Stop plate - Traveller			TO FIT	SB648		
SB873	# 0351		Rivet			TO FIT	SB872		

ALTERNATIVE PARTS (1)

(Spark era)

The following parts.....

Boat	D	Assy	Description	Wie	dth	De	pth	Len	gth
Part	number			Max	Min	Max	Min	Max	Min
SS785	n/a		Main Sheet	10.5	9.5	10.5	9 5	11000	6000
SS787	n/a		Shackle Main sheet	35	15	18	12	40	30
SS788	n/a		Mainsheet block lower single pulley	60	35	45	25	120	80
SS789	n/a		Mainsheet block lower double pulley	55	40	25	15	80	60
SS790	n/a		Mainsheet block upper single pulley plus Becket	55	40	25	15	110	90
SS791	n/a		Mainsheet block upper double pulley	55	40	40	25	110	90
SS793	n/a		Mainsheet Ratchet block						
SS794	n/a		Shackle	12	3	28	10	35	20

....can be substituted by the following for Spark Fun but not in Class Rules for Racing

		 0 1						
SS795	?	Mainsheet block upper assy?	55	40	25	15	150	120
SS796	?	Main Sheet	10.5	9.5	10.5	9.5	11000	6000
SS797	?	Mainsheet block lower assy?	90	60	70	15	150	120
SS798	?	Mainsheet Ratchet block assy?	16	8	25	15	60	40

16

The following parts.....

Boat	D	Assy	Description	Width		De	pth	Length	
Part	number			Max	Min	Max	Min	Max	Min
SB658	D91514		Traveller track						
SB659	?		Rivet			TO FIT	SB658 &	SB648	
SB660	D40039		End Stop - traveller			TO FIT	SB658		
SB661	D50057		Screw			TO FIT	SB664		
SB664	D50050		Insert			TO FIT	SB658		
SB665	D40038		Traveller Car Assy						
SS786	D81515		Traveller line	8.5	7.5	8.5	7.5	4500	1500

....can be substituted by the following for Spark Fun but not in Class Rules for Racing

SB646	n/a	Rivet			TO FIT	SB647		
SB647	n/a	Deck Clip	15	5	30	15	70	40

The following parts.....

Boat			Description	Width		De	pth	Length	
Part	number			Max	Min	Max	Min	Max	Min
SW744	D40045		Wind Wand				=		
5W746	n/a	D81811	Forstay snap shackle	35	15	12	7	70	40
SW748	D71504		Forstay	3.5	2.5	3.5	2.5	3650	3540
SW752	?		?	25	15	80	40	130	70

....can be substituted by the following for Spark Fun but not in Class Rules for Racing

can be substituted by the following for spark fair but not in class rates for racing											
SW747	n/a		Forstay	3.5	2.5	3.5	2 5	3550	3440		
SW753	n/a		Forstay adjustment line	4 5	3.5	4.5	3.5	1500	0		
SW754	n/a		Shackle	35	15	18	12	40	30		

The following parts.....

111010	The following particular								
SW727	D40331		Shroud Adjuster Cover	30	0	30	0	210	150
SW760	D40012		Shroud Adjuster	25	15	25	15	180	120

....can be substituted by the following for Spark Fun but not in Class Rules for Racing

SW759	n/a		Shroud Shackle rigging link with clevis pin	20	10	20	10	30	15
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The following may only be set when 2 persons are on board or Sailing Dart 15 Sport Mode

SJ856	D61526	Jib		 	

The following Spark Jib kit must be carried when SJ856 is set

Boat	D	Assy	Description	Wie	dth	De	pth	Length	
Part	number			Max	Min	Max	Min	Max	Min
SJ835	D40016		Shackle Jib head			TO FIT	SJ856 to	SJ857	
SJ838	n/a		Rivet			TO FIT	SJ849		
SJ844	?		Jib halyard line	4.5	3 5	4 5	3.5	5000	4000
SJ845	D40236		Jib Halyard Block	35	20	14	7	55	35
SJ846	n/a		Shackle	12	3	28	10	35	20
SJ847	D82011		Jib tack line	4.5	3 5	4 5	3.5	1300	500
SJ848	n/a		Jib sheet	10.5	9 5	10.5	9.5	11000	8000
SJ849	n/a		Fairlead Bullseye	30	15	20	10	55	35
SJ850	n/a		Screw			TO FIT	SJ849		
SJ851	n/a		Starboard Clamcleat - jib.	' 60	40	20	10	85	65
SJ852	n/a		Port Clamcleat - jib.	60	40	20	10	85	65
SJ853	n/a		Screw			TO FIT	SJ851 &	SJ852	
SJ854						TO FIT	SJ853		
SJ857	D71508		Jib Wire Halyard	2.25	1.75	2.25	1.75	4135	4115
SJ878	n/a		Rivet			TO FIT	SJ852		

ALTERNATIVE PARTS (2)

(Dart era)

The Following Parts

:-

Boat	at D Assy Description		Description	Width		Depth		Length	
Part	number			Max	Min	Max	Min	Max	Min
SW746	n/a		Forestay Snap Shackle	35	15	12	7	70	40
SW748	n/a		Forestay - Unarig	3.5	2.5	3.5	2.5	3650	3540

OR

SW747		Forestay	3.5	2.5	3.5	2.5	3550	3440
SW753		Forestay Adjustment Line	4.5	3.5	4.5	3.5	1500	0
SW754		Shackle	35	15	18	12	40	30

And the **Spark Jib kit** rigging may be wholly substituted by the following **Dart 15 Sprint** (now **Dart 15 Sport**) jib

rigging

rigging								
SK936	D61526	Jib						
SK909	?	Jib Halyard line	3.5	2.5	3.5	2.5	5000	6000
SK910	D71503	Wire Forestay Strop	3.5	2.5	3.5	2.5	150	130
SK911	D71504	Forestay - Sport	2.5	2.5	3.5	2.5	3385	3365
SK912	D71508	Jib Halyard wire	2.5	1.5	2.5	1.5	3355	3335
SK913	D40218	Jib furling Drum						
SK914	D40221	Top Jib Furler Swivel						
SK915	D40236	Jib Halyard Block	35	20	14	7	55	35
SK916	D40016	Shackle			TO FIT	SK914		
SK917	?	?	25	18	4.5	3.5	40	30
SK918	D40016	Shackle			TO FIT	SK936		
SK919	4310	Jib Halyard Twisted Shackle						
SK920	533	Jib Furling Line	3.5	2.5	3.5	2.5	4500	4000
SK921	D82011	Jib Foot Line	4.5	3.5	4.5	3.5	1000	750
SK948	D40216	Jib furling clam cleat						
SK949	?	Jib Halyard Snap Shackle	45	30	5.5	4.5	65	45
SK952	# 0300	Rivet			TO FIT	SK948		
SW744	D40045	Windwand						
SK937	D81503	Jib Sheet	8.5	7.5	8.5	7.5	10300	7700
SK947	D40365	Jib Sheet jamming block						
SK950	D40364	Jib Fairlead offset deck fixing	30	20	20	10	50	30
SK951	D50012	Rivets			TO FIT	SK950		
SK953	?	Jib sheet strop block						
SK954	D40086	Carbine hook						
SK946	?	Jib sheet strop line						

When the foregoing items are fitted the following extras are required (for **Dart 15 Sprint**) **Dart 15 Sport** Mode

Boat	D	Assy	Description	Wi	dth	De	pth	Len	gth
Part	number			Max	Min	Max	Min	Max	Min
SK922	D71505		Trapeze wire	2.5	1.5	2.5	1.5	3883	3863
SK923	D82012		Trapeze Adjustment Line & cleat	6.5	5.5	6.5	5.5	1800	1640
SK924	D40010		Trapeze Ring						
SK925	D40016		Trapeze Shackle			TO RT	SK922		
SK926	D40081		Fairlead Trapeze Shockcord (hull fitting)	30	15	20	10	55	35
SK927	D50091		Rivets			TO FIT	SK926		
SK939	D80004		Trapeze shock cord	5.5	4.5	5.5	4.4	2500	2000
SK940	D40028		Small Englefiekl clip			TO FIT	SK939		
SK070	D40285		Toe Loops						

The following Mainsheet

parts.....

<u> par 65</u>								
SS785	D81502	Main Sheet	10.5	9.5	10.5	9 5	11000	6000
SS787	n/a	Shackle Main sheet	35	15	18	12	40	30
SS788	n/a	Mainsheet block lower single pulley	60	35	45	25	120	80
SS789	n/a	Mainsheet block lower double pulley	55	40	25	15	80	60
SS790	n/a	Mainsheet block upper single pulley plus Becket	55	40	25	15	110	90
SS791	n/a	Mainsheet block upper double pulley	55	40	40	25	110	90
SS793	n/a	Mainsheet Ratchet block						
SS794	n/a	Shackle	12	3	28	10	35	20

May be replaced by the following **Race Mainsheet** parts

SS785	D81502		Main Sheet	10.5	9.5	10.5	9 5	11000	6000
SS969	D40507		Race Mainsheet Ballbearing block upper						
SS970	D40507	D00427	Race Mainsheet Ballbearing block upper						
SS971	D40365		Race Mainsheet Ratchet block						
SS787	n/a		Shackle Main sheet						
SS792	n/a		Mainsheet hook						

The following Tiller parts.....

Boat	D	Assy	Description	Wie	dth	De	pth	Len	gth
Part	number			Max	Min	Max	Min	Max	Min
SR726	D50028		Rivet						
SR733	D40263		Tiller UJ pivot bolt pin			TO FIT	SR734	& SR721	
SM735	D50028		Rivet			TO FIT	SM772		
SR738	D40262		Tiller UJ pivot nut			TO FIT	SR733		
SR720	D00260		Tiller Connecting Bar						
SR721	D40151		Tiller pivot						
SR722	# 0377		Washer			TO FIT	SR721		
SR723	D50087		Split pin			TO FIT	SR721		
SR724	D40008		Stepped washer						
SR725	D900950		Conbar outer tube				-		
SR726	D50028		Rivet			TO FIT	SR725		
SR730	D00245		Tiller extension tube						
SR731	D40289	D00256	Tiller extension Knob						
SR719	D00252	Tiller Extension	Tiller Grip	35	20	35	0	600	300
SR734	D00947	Assy	Spade style tiller UJ tube						
SR732	D50028		Rivet			TO FIT	SR734		
SR675	D40181		Tiller end casting pin						

May be replaced by the following **Race Tiller** parts....

SR963	D40387		Tiller end casting pin - short						
SR960	?		Tiller Connecting Bar Tube						
SR961	D40391	D00261	Conbar end						
SR962	# 0351	Race Conbar	Rivet						
SR964	?	Assy	Flexible Joint fixing plate						
SR968	D50091		Rivet						
SR719	D00252		Tiller Grip	35	20	35	0	600	300
SR730	D00245		Tiller extension tube						
SR731	D40289	D00257 Race Tiller	Tiller extension Knob						
SR965	D40379	Extension Assy	Flexible Joint						
SR966	D50028		Rivet						
SR967	D50014		Rivet						

PARTS KITS AVAILABLE

BOAT PART	D Number	DESCRIPTION
SK945	?	SPRINT KIT COMPLETE
SK087	?	JIB FURLING KIT
SK088	?	TRAPEZE KIT
SK089	?	JIB KIT
SM870	D00171	SPLIT MAST COMPLETE
SK869	n/a	SPLIT MAST CONVERSION KIT
SK070	D40285	FOOTLOOP KIT
SK071	?	JIB FAIRLEAD ADJUSTER KIT
SK072	?	REAR BEAM LOCK SPRING KIT
SK073	?	RUDDER PINTLE CASTING ASEMBLY KIT
SK074	?	RUDDER LOCK SPRING KIT
SK076	?	MAST BALL STEP KIT
SK077	?	RATCHET BLOCK SWIVEL KIT
SK078	D40216	RATCHET BLOCK CAM CLEAT KIT
SK080	?	TRAVELLER PARTS KIT
SK081	?	TRAVELLER CAM CLEAT KIT
SK082	?	TRAVELLER TRIANGULAR PLATE KIT
SK083	?	TRAVELLER ' U' PLATE KIT
SK084	?	TRAVELLER WHEELS KIT
SK079	D00102	BATTEN SET KIT
SK085	D00172	BATTEN - LONG RED KIT
SK086	D00318	BATTEN - LONG YELLOW KIT

Amendments to section 10 – all are optional

- a) Jib Leads Two to one purchase with cleating blocks
- b) Jib Sheeting the carbine hook (SK954) is optional and jib sheets (SK946) down to 3mm diameter with alternative blocks (to SK953) are approved for use
- c) Forestay Assembly Self-furler
- d) Forestay Assembly Wind indicator e.g Cat Hawk or similar
- e) Hulls Variable number of toe loops 0 to 3 per hull of part number SK070
- f) Hulls Variable jib track up to 24" in length
- g) Hulls Dart 18 trampoline track with integral jib track and fitting plus trampoline with 8mm diameter bolt rope to suite
- h) Hulls self adhesive "grippy" tape can be applied to facilitate better grip when trapezing
- i) Rear Beam assembly Toe strap stabilising ropes to prevent/ restrict sliding of the toe straps on the rear beam
- j) Downhaul Three to one assembly with cleating and turning blocks
- k) Mainsail Clear window up to 36" long by 12" wide
- 1) Sailcloth Alternative of Ripstop version of Polycoated Dacron
- m) the maximum length of the tiller extension for Sport Format should be 8 feet (2.440M). The tiller extension should NOT be the adjustable length type
- n) Allow removal of the righting line
- o) Allow removal of the swivel on the mainsheet assembly
- p) Allow 4mm plastic coated shrouds
- q) Allow Bainbridge quick release batten ends to be used (Bainbridge International part no. 25CTJM)
- r) Allow mainsheet to be made of any material between 8mm and 10mm diameter.
- s) Allow mainsheet and traveller line to be one continuous piece of rope. There are also no limits on the lengths of the mainsheet, the traveller or of the combined mainsheet/traveller.
- t) Allow Clamcleat CL253 trapeze jammer cleats as an alternative to the standard equipment.
- u) The Dart 15 Association Committee are authorized to approve a single alternative set of battens subject to the following conditions:
 - 1) Sufficient trials must be conducted to satisfy the committee that the battens' performance is equivalent to the existing battens and that the use of the alternative battens are neither a performance advantage nor a performance disadvantage to the to using existing battens.
 - 2) There is no (or little) cost disadvantage to using the alternative battens.
 - 3) The alternative battens are at least as durable (and hopefully more durable) than the existing battens.
 - 4) The battens would be interchangeable with the existing battens and so could be used in any Dart 15 without modification to the boat/sail.
 - 5) Battens can be clearly identified as approved class battens.
- v) Allow the mainsail to be fitted with a slug at the bottom of the bolt rope provided that no more than 150mm of the bolt rope has been removed.
- w) Allow the use of a tiller connecting bar (conbar) fitted with screw adjustment feature to facilitate adjustment of the rudder alignment.
- x) Allow a foamed plastic construction rudder blade in place of the hollow fiberglass rudder blade provided it has the same profile and weight.
- y) Allow front beam using the larger Dart 18 section front beam together with strengthened beam sockets in the hulls and removal of the rigid inner mouldings of the cocktail cabinets replaced by mesh bags below the hatch covers provided that the overall weight of the boat is unchanged.
- z) Allow burgee holder to be riveted to the mast.
- aa) A boat shall be allowed to have any form of buoyancy fitted or attached to the mast or to the top section of sails. The buoyancy may not be shaped so that it may be used for propulsion.

DART 15 SPORT CLASS RULES

The Constitution and Rules for the Dart 15 Sport Class shall be as for the Dart 15 Class with the following amendments: -

- (a) The Dart 15 Sport Class shall be managed by the Committee of the Dart 15 Class
- (b) The Dart 15 Sport Class shall have separate Annual General Meetings, the date, time and place being at the Committee's discretion
- (c) Membership of the Dart 15 Class Association shall automatically confer membership of the Dart 15 Sport Class Association
- (d) The Dart 15 and Dart 15 Sport, being separate classes, shall have separate championships, which may be held at the same event
- (e) The Dart 15 Sport shall have the same specification and parts as the Dart 15, except as follows:
 - i) A trapeze kit may be carried
 - ii) A fixed or furling jib may be carried
 - iii) A longer tiller extension (up to 8ft, 2.440 metres) may be carried. Telescopic tiller extensions are not allowed
- (f) The crew shall consist of one person or two persons where the crew uses the trapeze.