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| CRF 2023 | | | 3/1/2023 | |
| Data Declarations; Input Variables and definitions | | | | |
| | Variable Names | | | |
| | CRF 2023 | CRF'16 | Common Name | Description |
| Hull Dimensions | | | | |
| | LOA | LOA | Length overall | Length of hull, excluding bowsprits and boomkins |
| | LWL | LWL | LWL | Length of the waterplane established by the declared displacement |
| | MB | Beam | Beam | Maximum beam of the hull excluding rub rails |
| | Bm10 | | | Deck beam at the aft end of the waterplane established by the declared displacement |
| | DM | Draft | Draft (Fixed or Centerboard up) | The maximum fixed depth below the waterplane established by the declared displacement |
| | DMcb | | Draft (Centerboard Down) | The maximum 'centerboard down' depth below the waterplane established by the declared displacement |
| | DSPS | Disp | Displacement in sailing trim | Estimated weight of the yacht as presented for racing, in pounds, excluding crew weight. Similar to 'light ship' (empty tanks, with minimal food and gear) for yachts that are primarily raced and daysailed. Similar to 'half load' (tanks half full, with ordinary food and gear) for yachts that are equipped and provisioned for cruising while racing. |
| | Ballast | | Keel weight | Combined weight of keel and any internal ballast, in pounds |
| Rig Dimensions | | | | |
| | | | See rig type sketch sheet and the Equipment Rules of Sailing (From World Sailing, via Sailing.org) | |
| | Mainsail | | (General) | A mainsail shall be declared as one of the following three types: jib headed, gaff headed, or square headed. |
| | P | P | Hoist, jib headed or square headed mainsail | The measured length of the hoist of a jib or square headed mainsail, from the lowest point at which the tack may be set to the highest point to which the head may be hoisted. |
| | PG | | Hoist, gaff headed main | The height from the lowest point at which the mainsail tack may be set to the peak halyard block, or to the top of a topsail club, whichever is higher |
| | E | B | Mainsail foot | The measured length along the main boom from the aft edge of any luff track on the main mast to the aftermost position to which the mainsail clew can be set. |
| | MGU | | Mainsail upper girth | The minimum mainsail width taken from a point halfway between the 3/4 height of the leech and the head, to the luff. (Width at 7/8 leech height) |
| | MGT | | Mainsail upper girth | The minimum mainsail width taken from a point halfway between the 1/2 height of the leech and the head, to the luff. (Width at 3/4 leech height) |
| | MGM | | | The minimum mainsail width taken from a point halfway between the clew and the head, to the luff. (Width at 1/2 leech height) |
| | Foretriangle | | (General) | A headsail is any sail set forward of the foremost mast whose width, measured between the midpoints of its luff and leech, is less than 75% of its foot length. (See RRS 55.4) |
| | IG | P2 | Headsail Height | The largest vertical distance from the sheerline abreast the forward mast (if more than one) to the top of the uppermost halyard sheave used to hoist any sail set forward of the forward mast that is not rated as a spinnaker. |
| | J | J | Headsail Base | The largest horizontal distance from the forward face of the forward mast (if more than one) to the tack point for any sail set forward of the forward mast that is not rated as a spinnaker. |
| | LP | LP | Jib Longest Perpendicular | The distance from the aftmost clew of any headsail (i.e. any sail set forward of the forward mast that is not rated as a spinnaker) to its luff, measured perpendicular to its luff. |

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| Spinnaker | | | (General) | A spinnaker is any sail set forward of the foremost mast whose width, measured between the midpoints of its luff and leech, is equal to or greater than 75% of its foot length. (See RRS 55.4) |
| | ISP | P2 (spin) | Spinnaker halyard height | Vertical distance from the sheerline abreast the mast to the top of the uppermost spinnaker halyard sheave. |
| | SPL | SPL | Spinnaker pole length | Total length of a pole used when flying a spinnaker, measured from extreme end to extreme end, including all fittings. (Note: a whisker pole with a length not greater than 1.1*J may be attached to the clew of a headsail without rating penalty, but it must be declared as a spinnaker pole if it is used in trimming a spinnaker). |
| | TPS | | Tack point of asymmetrical spinnaker | Horizontal distance from the forward face of the foreward mast (if more than one) to the tack point for a spinnaker. |
| | SMW | | Symmetrical spin mid width | The sail width between the mid points of the two leeches of a symmetrical spinnaker |
| | AMG | | Asymmetrical spin mid width | The sail width between the mid points of the luff and mid point of the leech of an asymmetrical spinnaker |
| Mizzen (If any) | | | | |
| | PY | PY | Mizzen hoist | The measured length of the hoist of a jib headed mizzen, from the highest point that the head may be set to the lowest point that the tack may be set. |
| | EY | BY | Mizzen foot length | The measured length along the mizzen boom from the aft edge of any luff track to the aftermost position to which the mizzen clew can be set. |
| Schooners | | | | |
| | P1 | P1 | Foresail hoist | The height from the lowest point at which a foresail tack may be set to its peak halyard block, or to the head of a fore topsail, whichever is higher |
| | P3 | P3 | Schooner Staysail Hoist | Vertical distance from the sheerline abreast the mainmast to the top of the highest sheave used to hoist a sail set between the mainmast and foremast. |
| | B1 | B1 | Distance between masts | The distance between the forward side of the mainmast and the after side of the foremast. |
| Underbody, Rig and Prop Type Declarations | | | | Note: see table for factors used in rating for declared types |
| Underbody | See Keel Type sketch sheet | | | |
| | Keel and Rudder Configuration | | | Note: Keel type applies to fixed keel portion only for yachts declaring a centerboard |
| | Type 1 | | Short chord fin keel w/bulb & spade rudder | Chord length of keel at 1/2 fixed draft is less than 10% of LWL |
| | Type 2 | | Fin keel w/bulb & spade rudder | Chord length of keel at 1/2 fixed draft is greater than 10%, but less than 20%, of LWL |
| | Type 3 | | Fin keel w/o bulb, w/spade rudder | Chord length of keel at 1/2 fixed draft is greater than 20%, but less than 30%, of LWL |
| | Type 4 | | Fin keel w/o bulb and w/skeg hung rudder | Chord length of keel at 1/2 fixed draft is greater than 30%, but less than 45%, of LWL |
| | Type 5 | | Short chord full keel w/attached rudder | Chord length of keel at 1/2 fixed draft is greater than 45%, but less than 65%, of LWL. Typical of Classic and Vintage racers, e.g. Universal Rule, International Rule, Square Meter, Sonder Boat, Luders 24, and NY 30 yachts. |
| | Type 6 | | Long chord full keel w/attached rudder | Chord length of keel at 1/2 fixed draft is greater than 65% of LWL. Typical of Classic and Vintage cruisers, e.g. Concordia Yawls, NY 32's, etc., |
| | Moveable Appendage (If any) | | | |
| | | | Single rudder only | |
| | | | Single rudder with keel trim tab | |

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| Rig | See Rig Type sketch sheet | | |
| Jib Headed Main | | Sloop | |
| | | Yawl | |
| | | Ketch | |
| Square Headed Main | | Square head | Note: On Spirit of Tradition yachts, gaff headed mainsails shall be declared as square heads. |
| Schooners | | Staysail | |
| | | Gaff foresail, marconi main | |
| | | Gaff foresail, gaff main | |
| Gaff headed main | | Sloop | Note: On Spirit of Tradition yachts, gaff headed mainsails shall be declared as square heads. |
| | | Yawl | |
| | | Ketch | |
| Propeller | | | |
| | Auxiliary Type: | None | No engine or outboard retracted or stowed |
| | | Single screw | |
| | | Twin Screw | |
| | Installation Type: | Exposed shaft | Typically with internal stuffing box or gland and external strut |
| | | In apperture | Typically between fixed keel and its attached rudder |
| | | Strut drive | SailDrive is a familiar trade name |
| | Prop; Number of blades: | Two | |
| | | Three | |
| | | Four | |
| | Prop Type: | Fixed | |
| | | Folding | |
| | | Feathering | |
| | Prop Location: | On center | Propeller hub is on yacht centerplane |
| | | Off center (angled wrt centerline) | Propeller hub is not on yacht centerplane |