**Reporting Committee – Special Regulations**
**Other Committee –**

Submission: SR04-25

# Offshore Special Regulations

## 4.27 Storm & Heavy Weather Sail Specifications

A submission from the Vice-Chair, Special Regulations Sub-Committee

Purpose or Objective

The purpose of this proposal is to refine the numbering and to move wording from the general design portion of the OSR to the specifications of the affected sails.

Proposal

| | | |
|---|---|---|
| | **4.26** | **Storm & Heavy Weather Sail Inventory** |
| ** | | the following storm & heavy weather sails as specified in OSR 4.27: |
| MoMu0 | 4.26.1 | a storm trysail (or rotating wing mast if suitable), |
| MoMu1,2 | 4.26.~~1~~2 | either a storm trysail or mainsail reefing to reduce the luff by at least 50% (or rotating wing mast if suitable), |
| MoMu3 | 4.26.~~1~~3 | either a storm trysail or mainsail reefing to reduce the luff by at least 40% (or rotating wing mast if suitable), |
| MoMu4 | 4.26.~~1~~4 | either mainsail reefing to reduce the luff by 12.5% or a heavy weather jib (or rotating wing mast if suitable or heavy-weather sail in a boat with no forestay). |
| MoMu0,1,2,3 | 4.26.~~2~~5 | heavy weather jib, |
| MoMu0,1,2 | 4.26.~~3~~6 | storm jib. |
| | **4.27** | **Storm & Heavy Weather Sail Specifications** |
| | | Where required by OSR 4.26, the specifications of heavy weather sails shall follow: |

** MoMu0,1,2,3

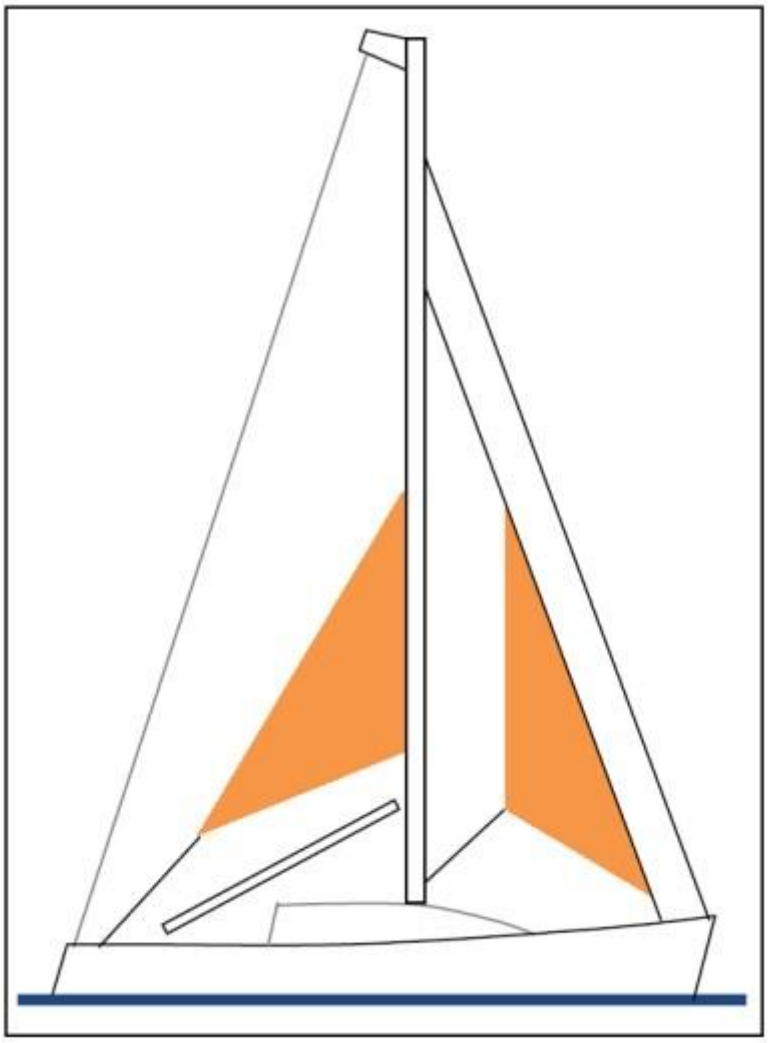

**Figure 3 – Storm Sails**

**4.27.1 Design**

** a) the material of the body of a storm sail purchased after 2013 shall have a highly visible colour (e.g. dayglo pink, orange or yellow),

** b) aromatic polyamides, carbon and similar fibres shall not be used in a trysail or storm jib, but HMPE and similar materials are permitted,

** c) sheeting positions on deck for each storm and heavy-weather sail,

** d) sheeting positions for the trysail independent of the boam, and

** e) the maximum area of storm and heavy weather sails shall be lesser of the areas below or as specified by the boat designer or sailmaker.

** ~~f) the primary purpose of any storm sail or heavy weather sail shall be to provide propulsion and steerage in storm & heavy weather conditions, and they shall be designed, manufactured and maintained as such. Storm sails shall be designed to provide propulsion and steerage in Beaufort scale 8 and on all points of sail. Heavy weather sails shall be designed to provide propulsion and steerage in Beaufort scale 6 and on all points of sail.~~

**4.27.2 A Storm Trysail with:**

MoMu0,1,2,3 a) area not greater than 17.5% mainsail hoist (P) x mainsail foot length (E),

| | | |
|---|---|---|
| MoMu0,1,2,3 | b) | for sails made after 2011: The storm trysail area calculated as (0.5 x leech length x shortest distance between tack point and leech), |
| MoMu0,1,2,3 | c) | no headboard, |
| MoMu0,1,2,3 | d) | no battens, |
| MoMu0,1,2,3 | e) | sail number and letters on both sides, as large as practicable, and |
| MoMu0,1,2,3 | **f)** | **designed to provide propulsion and steerage in Beaufort scale 8 and on all points of sail.** |
| MoMu1,2,3 | ~~f~~g) | in the case of a boat with an in-mast furling mainsail, the storm trysail shall be capable of being set while the mainsail is furled. |
| | **4.27.3** | **A Heavy Weather Jib (or Heavy Weather Sail in a Boat with no Forestay) with:** |
| ** | a) | area, in unreefed condition, of 13.5% height of the **foretriangle** squared, and |
| ** | b) | readily available method, independent of a luff groove, to attach to the stay. |
| ** | **c)** | **designed to provide propulsion and steerage in Beaufort scale 6 and on all points of sail.** |
| ** | | For sails made after 2011: Storm and heavy weather jib areas calculated as: (0.255 x luff length x (luff perpendicular + 2 x half width)). |
| | **4.27.4** | **A Storm Jib with:** |
| MoMu0,1,2 | a) | area of 5% (height of the **foretriangle**) squared, |
| MoMu0,1,2 | b) | maximum luff length 65% of height of the **foretriangle**, and |
| MoMu0,1,2 | c) | permanently attached method, independent of a luff groove, to attach to the stay. |
| MoMu0,1,2 | **d)** | **designed to provide propulsion and steerage in Beaufort scale 8 and on all points of sail.** |
| MoMu0,1,2 | | For sails made after 2011: Storm and heavy weather jib areas calculated as: (0.255 x luff length x (luff perpendicular + 2 x half width)). |

Current Position

The proposal is a marked-up version of the current position.

Reasons

1. The numbering in 4.26 did not conform to the current practice.

2. The original wording mixed specifications for different sails into one sentence. The proposal separates the requirements and places them into the specification for that sail

3. Figure 3 appears in every extract. However, only categories 0 to 3 refer to any storm sails. This change will de-clutter the extract for category 4.