

Offshore Special Regulations

3.29 Satellite Navigation Equipment

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

Purpose or Objective

The purpose of this proposal is to change the requirement for satellite navigation from requiring GPS to accepting other systems.

Proposal

Table 1 – Definitions

GNSS	Global Navigation Satellite System <u>such as the United States' Global Positioning System (GPS), Russia's Global Navigation Satellite System (GLONASS), China's BeiDou Navigation Satellite System (BDS), and the European Union's Galileo.</u>
GPS	Global Positioning System

In all 9 subsequent instances where it occurs, replace GPS with GNSS:

	3.29 Communications Equipment, GNSS-GPS, Radar, AIS
MoMu0,1,2,3	3.29.6 If the marine radio transceiver is a VHF:
MoMu1,2,3	f) <u>DSC</u> capable VHF transceivers shall be programmed with an assigned MMSI (unique to the boat), be connected to a GNSS-GPS receiver and be capable of making distress alert calls as well as sending and receiving a <u>DSC</u> position report with another <u>DSC</u> equipped station,
MoMu3	3.29.8 A GNSS-GPS .
	4.19 EPIRBs
MoMu0,1,2	4.19.3 A 406 MHz <u>EPIRB</u> registered after 2015 shall include an internal GNSS-GPS .
	4.22.2 GNSS-GPS Crew Overboard Position
MoMu1,2,3	a) For boats with only two <u>crewmembers</u>, a GNSS-GPS capable of recording a crew overboard position, within 10 seconds, and monitoring that position without having to go below deck.
MoMu1,2	b) a GNSS-GPS capable of recording a crew overboard position within 10 seconds and monitoring that position.
MoMu0	c) a GNSS-GPS capable of recording a crew overboard position within 10 seconds and monitoring that position, and
MoMu0	d) connected to an emergency button immediately accessible to a helmsman which will sound an audible alarm in the accommodation and simultaneously send an appropriate signal to the GNSS-GPS .

Current Position

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

Reasons

1. At the time that these regulations were written, there was only one satellite-based navigation system – now there are several.