



## Coding for Advanced Powerboats

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# Powerboating - scheme review



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# Seating and handholds



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# The wonderful world of Coding.....

**Bas Edmonds**  
**Technical Manager**

**Supported by**  **Gallagher Heath Insurance Services**





**SCV**

**MCA & CA**

**Codes of Practice – Colour Codes**

**MGN 280**

**Categorised Waters**

**MIN, MSN, OAN**

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## Small Commercial Vessel

- **Up to 24m load line length and not more than 12 passengers and carrying cargo**
- **Engaged at sea in activities on a commercial basis**
- **Commercial defined as “non-pleasure” vessels**

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## MCA and CA's

- **MCA approves Certifying Authorities to issue certificates under the SCV codes**
- **MIN 416 details all CA's**
- **MCA is also a CA**

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# Colour Codes

## Red Code

The Safety of Small Vessels in Commercial Use for sport or pleasure operating from a Nominated Departure Point (NDP)

## Brown Code

The Safety of Small Workboats and Pilot Boats

## Yellow Code

The Safety of Small Commercial Motor Vessels

## Blue Code

The Safety of Small Commercial Sailing Vessels

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## MGN 280

### Otherwise known as the Harmonised Code

- **Range and Risk approach compared to Colour codes**
- **Combination of colour codes and update of new legislation**
- **ALL ARE STILL APPLICABLE (!)**

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## Categorised Waters

- **MCA has categorised UK waters into A, B, C and D type waters**
- **Everything else is deemed to be “at sea”**
- **SCV Codes only apply when operating “at sea”**
- **MSN 1827 – read it carefully!**

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## MIN, MGN, MSN, OAN

- **Marine Information Note**
  - **Marine Guidance Note**
  - **Merchant Shipping Note**
  - **Operational Advice Note**
- 
- **Your CA should advise you of any new or updated notes**

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## The Coding Process – Getting started

- **Process defined within MGN 280**
- **SCV1 – Application for Examination  
Fee needs to be sent in with this**
- **RYA will put you in touch with surveyor  
who will offer advice on code specifics**

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## The Coding Process – Decisions

- **Number of persons?**
- **Level of operation – category?**

**4 – 20 miles from a safe haven, favourable weather and daylight**

**5 – to sea, within 20 miles from a NDP named in the certificate and in favourable weather and daylight**

**6 – to sea, within 3 miles from a NDP and never more than 3 miles from land, favourable weather and daylight**

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## The Coding Process – SCV2

- **SCV2 – Document of Compliance**
- **Part completed by owner, part by the surveyor**
- **Requires both in water and out of water inspection**
- **Vessel cannot be signed off until ALL parts of the vessel comply**
- **Date of survey is date of certificate**

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## The Coding Process – Certificate

- **Survey is valid for 5 years**
- **Certificate is only valid for 1 year**
- **SCV2 is only a snapshot of the vessel – Owner responsible for maintaining to code**
- **Does not deal with manning – owner responsible**

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## The Coding Process – Renewal

- **SCV2 completed and Certificate issued**
- + 1 year – Owner / agent declaration**
- + 2 years – Owner / agent declaration**
- + 3 years – Mid Term inspection**
- + 4 years – Owner / agent declaration**
- + 5 years – Survey**

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## The Coding Process – RIBs

- **Generally cannot code to Cat 3 as no substantial enclosure**
- **OAN 678 allows for Cat 3R for specific operations for RIBs only**
- **Biggest issue is with storage of equipment on a RIB to meet requirements**

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## The Coding Process – OAN 678

- **Most cases no additional survey required**
- **Onus put on operator to provide compliance**
- **Continues Range and Risk approach**
- **Additional limitations shown on certificate**

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# The Coding Process – OAN 678

Figure 1. Acceptance Matrix for Restricted Category 3 RIBs without a Permanent Substantial Enclosure.

Daylight & Favourable Weather (Lower Service Area)		RESTRICTED CATEGORY 3 24/7 (without a Permanent Substantial Enclosure)				Distance from a safe haven	Un-restricted operation (Higher Service Area)
		Distance from a safe haven	Favourable Weather <sup>1</sup> & Seasonal Restrictions <sup>2</sup>	Favourable Weather <sup>1</sup> & NO Seasonal Restrictions	NO Weather Restriction & NO Seasonal Restrictions		
From a Nominated Departure Point CATEGORY 5	From a Safe Haven CATEGORY 4	Up to 20nm	<b>NOT PERMITTED</b>	<b>NOT PERMITTED</b>	<b>NOT PERMITTED</b>	Up to 20nm	<b>CATEGORY 3</b>
		Up to 10nm	<ol style="list-style-type: none"> <li>Carrying of personal exposure protection clothing. To be worn at the discretion of the skipper.</li> <li>Wearing of lifejackets.</li> </ol>	<ol style="list-style-type: none"> <li>All vessels to have a secondary means of propulsion with totally independent systems.</li> <li>Full Risk Assessment.</li> <li>Carrying of personal exposure protection clothing. To be worn at the discretion of the skipper.</li> <li>Wearing of lifejackets.</li> </ol>	<b>NOT PERMITTED</b>	Up to 10nm	
From a Nominated Departure Point CATEGORY 6	Up to 3nm	<ol style="list-style-type: none"> <li>Carrying of waterproof and warm clothing. To be worn at the discretion of the skipper.</li> <li>Wearing of lifejackets.</li> </ol>	<ol style="list-style-type: none"> <li>Carrying of waterproof and warm clothing. To be worn at the discretion of the skipper..</li> <li>Wearing of lifejackets.</li> </ol>	<ol style="list-style-type: none"> <li>All vessels to have a secondary means of propulsion with totally independent systems.</li> <li>Full Risk Assessment.</li> <li>Carrying of personal exposure protection clothing. To be worn at the discretion of the skipper.</li> <li>Wearing of lifejackets.</li> </ol>	Up to 3nm		

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# Ribtec 655 Launch



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07 January 2013, 11:44

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## C2 RIBS

RIBnet supporter



Country: UK - England  
 Town: Hants  
 Boat name: Bulls Eye @  
 Gemineye  
 Make: Ribtec  
 Length: 8m +  
 Engine: 150HP O/B & 300hp  
 MMSI: 235089849/  
 Join Date: Sep 2007  
 Posts: 2,152

### RIBTEC 655 for sale

Ribtec 655 - November 2011 boat  
 Yam F150AETX four stroke engine 150 hp with 90hrs approx  
 OCA fitted engine cover  
 Hydraulic steering  
 2 X double jockeys with back rests  
 Rear BS 15 Outhill bench seat with swinging back rest  
 Flomat deck flooring  
 Single Axle Snipe roller trailer- (boat dry stacked)  
 fitted made to measure cover 2011( was £600)  
 Full service records  
 Icom 421 DSC VHF radio and aerial mounted on A frame  
 Ipod radio music with two speakers  
 Compass (swung with deviation card)  
 Fuel vapour detector  
 Fuel Cut off in consul  
[Garmin GPS](#) Map 551s Charter plotter/fishfinder- pre loaded UK Ireland NMEA 2000  
 twin battery and switches  
 Tri Lens Radar reflector  
 Two horse shoe liferings on holders  
 1 fitted fire extinguisher in pod  
 Nav Lights, anchor light separate switch Auto bilge pump Auto bilge pump and secondary manual fitted to transom

This boat is in fantastic condition having been drystacked for last season and presently stored in a warehouse. A new price on this boat equipped this way is about £37000

Price £24995

Attached Thumbnails



[www.rib.net](http://www.rib.net)

[www.c2ribs.org.uk](http://www.c2ribs.org.uk)

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## Who was paying attention?

**Number of the MSN dealing with Categorised Waters?**

**What was the big change between Colour Codes and MGN 280?**

**What are the restrictions for Category 4 operation?**

**Number of OAN dealing with Cat 3R for RIBs?**

**Minimum length of vessel permitted by MGN 280?**

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# Questions?

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