RMCD

Seamanship Training Syllabus

all modules

Reference Material

|  |  |
| --- | --- |
| RMCD Training |  |
| SCC Website |  |

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| SCC\_RMCD\_SP\_Seamanship\_V00.01 |
| V00.00 | 27/12/16 | Initial document produced. Page 10 amended, in revision mode, 01/01/17 |
| V00.01 | 16/01/17 | Navigation requirements removed as not part of Seamanship SM01-SM18 |

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# RMC Cadet Training Syllabus: Seamanship

Seamanship skills appear in several RMCD training modules, these are:

# Royal Marines Cadet promotion to Royal Marines Cadet Second Class

| Description | Instructor's Reference | Sheffield Training Reference |
| --- | --- | --- |
| **R4 - Basic Seamanship**Parts of a ship:**Describe:**Stern, Aft, Midships, Bow, Forecastle, Port & Starboard, Hull, etc. Bends and Hitches:Demonstrate and explain the use of: Reef Knot, Figure of Eight, Round Turn & Two Half Hitches. | Sea Cadets Seamanship Manual | SM01 SM02  |

# Royal Marines Cadet Second Class Promotion to Royal Marines Cadet First Class and Lance Corporal

| Description | Instructor's Reference | Sheffield Training Reference |
| --- | --- | --- |
| **MC3 - Seamanship**Qualify in Seamanship at 3rd Class. |   | Annex: SM01-SM18 Seamanship |

# Royal Marines Cadet First Class Promotion to Royal Marines Cadet Corporal

| Description | Instructor's Reference |  |
| --- | --- | --- |
| **CP4 - Intermediate Boat work and Seamanship****Conduct**:Practical revision of all instructional given in Phase two.**Teach**:The Principle of the Block and Tackle (Demonstration).The names of the various types of Tackle and the common uses for them.Rigging Sheerlegs’ (Demonstration).A Practical Exercise for using one or more of the above for the purpose of bringing a casualty on a stretcher down a steep incline and couple the exercise with practical First Aid Revision. The casualty in the exercise is to be a dummy.Achieve a Competent Crew Rowing qualification. | Sea CadetsManual ofSeamanshipSCC QualifiedSeamanshipInstructorsSCC Rowing Log | SM05, SM12, SM18SM11, SM17SM11TBCTBCTBC |
| **CP11 - Knots and Splices**General revision of all instruction in Phases 1 & 2.Teach and explain the application of the following knots and splices:Bowline on the bightBack spliceTimber Hitch |   | SM05, SM12, SM18 SM13, SM18 + bends/hitches handbookBends/hitches handbookSM13, SM18 + bends/hitches handbook |

# Cadet Corporal Promotion to Cadet Sergeant

| Description | Instructor's Reference | Sheffield Training Reference |
| --- | --- | --- |
| **SG4 - Advanced Boat work and Seamanship****Conduct**:Practical revision and tests of all instruction given in Phase Three.**Teach**:Introduction to practical boat work (Power and Sail). | Sea Cadet SeamanshipManual | SM05, SM12, SM18**RYA Assistant Instructor Qualification (see Annex)** |

Note: RYA Assistant Instructor is probably a greater level of qualification than the RMCD expects, however, RYA AI would be a significant benefit to the boating station and as peer-educator. As a skill progression, it could also be considered for DoE.

# Outline RMCD Seamanship course

| **Ref** | **Title** | **Content** | Duration | MC2 | MC1 | Cdt Cpl | Cdt Sgt |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SM01 | General Sea Terms | Parts of a Ship | 00:30 |  |  |  |  |
| SM02 | Bends and Hitches 1 | Reef knot, figure of eight, round turn and two half hitches | 00:30 |  |  |  |  |
| SM03 | Bends and Hitches 2 | Sheet bend, bowline, clove hitch | 00:45 |  |  |  |  |
| SM04 | General Ropework | Safety, coiling, cheesing, faking | 00:30 |  |  |  |  |
| SM05 | Consolidation Session | SM01, SM02, SM03, SM04 | 00:45 |  |  |  |  |
| SM06 | Bends and Hitches | Sheet bend, double sheet bend, clove hitch, rolling hitch | 00:30 |  |  |  |  |
| SM07 | Bends and Hitches 1 | Bowline, running bowline | 00:30 |  |  |  |  |
| SM08 | General Ropework | Natural fibre cordage (NFC)  | 01:00 |  |  |  |  |
| SM09 | General Ropework | NFC and Man-Made Fibre Cordage (MMFC) | 00:30 |  |  |  |  |
| SM10 | General Rigging | Belaying | 00:30 |  |  |  |  |
| SM11 | General Rigging | Blocks | 00:30 |  |  |  |  |
| SM12 | Consolidation Session | SM06, SM07, SM08, SM09, SM10, SM11 | 00:30 |  |  |  |  |
| SM13 | Bends and Hitches | Timber hitch, fisherman’s bend, bowline, bowline on a bight | 00:45 |  |  |  |  |
| SM14 | General Ropework | Monkey’s Fist  | 01:00 |  |  |  |  |
| SM15 | General Ropework | Heaving line, heaving line knot  | 01:00 |  |  |  |  |
| SM16 | General Rigging | Tackle (2 x single block) | 01:00 |  |  |  |  |
| SM17 | General Rigging | Rigging terms and Orders | 00:30 |  |  |  |  |
| SM18 | Consolidation Session | SM13, SM14, SM15, SM16, SM17 | 00:45 |  |  |  |  |
| TBC | Rigging | Sheerlegs’ | 01:00 |  |  |  |  |
| TBC | Rigging | Lower a stretcher | 02:00 |  |  |  |  |
| TBC | Waterborne | Achieve Rowing Competent Crew | Courses |  |  |  |  |
| TBC | Waterborne | RYA Assistant Instructor | Courses |  |  |  |  |
| TBC | Boat work | Teach introduction to boat work (sail/power) | TBC |  |  |  |  |

\*indicates part of module and not full module

# MC3: Seamanship Third Class

Seamanship Third Class consisted of 4 rigging and ropework tasks and 6 chartwork tasks. The Rigging and Ropework is covered by modules SM01 – SM18 (SM01/SM02 covered during R4), as follows all of which have lesson plans and detailed teaching instructions (can be found at <http://www.chamberssailing.org/Pages/SeaCadets.aspx>)

|  |  |  |
| --- | --- | --- |
| **Ref** | **Title** | **Content** |
| SM01 | General Sea Terms | Parts of a Ship |
| SM02 | Bends and Hitches 1 | Reef knot, figure of eight, round turn and two half hitches |
| SM03 | Bends and Hitches 2 | Sheet bend, bowline, clove hitch |
| SM04 | General Ropework | Safety, coiling, cheesing, faking |
| **SM05** | **Consolidation Session** | **SM01, SM02, SM03, SM04** |
| SM06 | Bends and Hitches | Sheet bend, double sheet bend, clove hitch, rolling hitch |
| SM07 | Bends and Hitches 1 | Bowline, running bowline |
| SM08 | General Ropework | Natural fibre cordage (NFC)  |
| SM09 | General Ropework | NFC and Man-Made Fibre Cordage (MMFC) |
| SM10 | General Rigging | Belaying |
| SM11 | General Rigging | Blocks |
| **SM12** | **Consolidation Session** | **SM06, SM07, SM08, SM09, SM10, SM11** |
| SM13 | Bends and Hitches | Timber hitch, fisherman’s bend, bowline, bowline on a bight |
| SM14 | General Ropework | Monkey’s Fist  |
| SM15 | General Ropework | Heaving line, heaving line knot  |
| SM16 | General Rigging | Tackle (2 x single block) |
| SM17 | General Rigging | Rigging terms and Orders |
| **SM18** | **Consolidation Session** | **SM13, SM14, SM15, SM16, SM17** |

SG4: RYA Assistant Instructor Training

## The Role

The role of the **Assistant Instructor** [AI] is to assist qualified instructors to teach beginners courses.

A Dinghy AI may teach up to and including Level 2 - Basic Skills in the National Sailing Scheme and Stage 3 of the Youth Sailing Scheme.

The training is relevant to any individual interested in encouraging children and adults to learn to sail. AIs should work under the supervision of an RYA Senior Instructor, helping qualified Instructors in the early stages of a groups learning. The AI will work under direct supervision always.

Within the Dinghy Scheme, Al's may act as helmsmen in the early stages, encouraging the students to take over as soon as possible. When teaching single handers, their role may often be that of a helper, rigger, catcher etc.

## Training

* The training and assessment are conducted by the Principal or Chief Instructor who holds a valid RYA Senior Instructor Certificate;
* It will cover the teaching points related to beginners as detailed in the course content and assessment criteria;
* The training should last between 20 - 25 hours and may be given as a specific Assistant Instructor Course or may be provided on a one-to-one basis over a longer period as on the job training; and
* Most the time should be spent on the water covering how to put across the various teaching points for each session as laid out in the G 14 Dinghy Coaching Handbook.

## Eligibility

Dinghy Assistant Instructor: Candidates must hold one of the National Sailing Scheme advanced modules.

## Assessment Criteria

Following the training students will be assessed on their practical ability with beginners. Successful candidates should be issued with a certificate, their logbook signed and training given recorded.

The Al award is valid only at that centre, and for five years. As part of the centre's staff training programme, all assistants should be encouraged to gain RYA Instructor qualifications. If this is not possible, the Principal may re-issue an Al certificate.

## Requirements

can:

* Sail a triangular course
* Pick up a mooring
* Coming alongside
* Reefing afloat
* Sailing backwards
* Anchoring
* Heave to
* Rudderless/centreboard-less sailing
* Rules of the road

## Dinghy Course Structure



## Sheffield Sea Cadet Approach

Within Sheffield Sea Cadet the preferred approach is to gain **Seamanship Skills** as the RYA advanced module. This includes:

|  |  |
| --- | --- |
| Seamanship Skills | How to handle a boat in all circumstances and solve problems afloat  |
| **Assumed knowledge** | Sailing skills to the standard of the Level 2 course |
| **Minimum duration** | 2 days (16 hours) |
| **Course content** | Launching and recovering the boat in different circumstances, stopping, reducing sail, recovering a man overboard, anchoring |
| **Ability after course** | Able to handle a wide range of situations afloat |

## Important Note

As the training and assessment is limited to the role of assisting qualified instructors and does not include first aid or powerboat handling, Assistant Instructors must never be allowed to work without direct supervision.

It is normal practice for every Principal to ensure that all his/her staff are conversant with the teaching techniques and local operating procedures of that centre. Thus, if an Assistant Instructor moves from one training centre to another, it is likely that their new Principal will issue a new Assistant Instructor Award after retraining.

# Seamanship Room Basic Requirements

1. Ropes (various lengths including long for heaving line)
2. Blocks (various)
3. Eye in ceiling for block demonstration
4. Whiteboard, pens, rubber
5. Noticeboards (for posters)
6. Table (take A0 charts)
7. Spar (preferable moveable) for knot practice
8. Knotting display board (senior cadet project)
9. Different types of ropes (natural fibre cordage) – small 6” example
10. Cleat (attached to wall)
11. Belaying pin (bracket attached to wall)
12. Facility for PowerPoint presentations
13. Outside
	1. Sheer Legs
	2. Ropes
	3. Pulleys
	4. Stretcher