

Qualified Seaman Bar

Req No	Description	SSM page #	Rank Page Reference	SPAR Requirement as noted and Seamanship Requirements	Additional	Requirement Completed	
						Date	Signed by :
Section 1 : Aids to Navigation							
1.1	Aids to Navigation	165	Ab9d	Explain System of Aids to Navigation in Your Area			
1.2	Bouyage System	169		Describe the lateral system of bouys			
1.3	Use of Various Bouys	168/217		Describe shape, color and use of bouys			
1.4	Storm Warnings - Publications and Charts	193	Q11	Describe NOAA weather radio and online,			
1.5	Storm Warnings - Other	194		Describe NWS warning flags, Lights, and Beaufort Wind Force Scale			
1.6	Daymarks on Vessels	163	Ab9c	Describe Day Shapes on Vessels			
1.7	Dredges, Moored Vessels and Towing	161	Ab9b	Describe Vessel Lights for all boats			
1.8	Daymarks, Beacons, Minor Lights, and Ranges	166	Ab9d,e	Describe Aids to Navigation Chart Symbols for Bouys, Lights, Daymarks			
1.9	Intercoastal Waterway Markings, Bouys, Aids to Navigation	170		Describe the Intercoastal Bouys and their numbering system			
1.10	Lightships and Lighthouses	166		Demonstrate how to identify a lighthouse using the US Gov't Light List Pub.			
1.11	Radio Beacons			No longer used. Formerly maintained by USCG for RDF position location.			
1.12	Gov't. Pubs. - Tide Tables, Notice to Mariners, etc.	165		Describe how to use a tide table and Explain Notice to Mariners			
Section 2 : Rules of the Road							
2.1	Purpose of Rules of the	157	O9a,b,d	Describe Navigation Rules - International and Inland			
2.2	Danger Zone, Right of Way	157	O9c	Describe Stand-on and Give-way Vessels : Meeting, Crossing, Passing to Stbd. or to			
2.3	Sound Signals	157	O9f	Describe Sound Signals for Warning, Maneuvering, Restricted Visibility to Stbd. or to			
2.4	Lights	157	O9e	Describe Navigation Lights for Sail, Power (Various Types) and Rowboats			
2.5	Orders to the Helmsman	205	O11c	Demonstrate Use of Sea Scout Helm Commands			
Section 3 : Seamanship							
3.1	Lookout	204	O11b,d	Explain Lookout Duties : Reporting Objects & Wind Directions with Relative Brgs			
3.2	Bearings, Reporting	204	O11c	Perform Lookout Duties Demonstrating Reporting Objects and Wind Directions with Relative Bearings			
3.3	Taking Soundings	191		Use a lead line to take a sounding			
3.4	Marlinspike Seamanship	108	Ap6/O6b15	Tie the 15 Apprentice and Ordinary knots. Make short and eye splices in 3 stranded			
3.5	Types and Use of Anchors	148	O8a,b	Name Parts of and Use for Five Different Types of Anchors			
Section 4 : Safety							
4.1	Necessary Equipment	77	O5b	Describe Safety Equipment Required by Law for Your Boat			
4.2	Hazards	72	O5a	Complete the BSA Safety Afloat course and Discuss the Nine Safety Afloat Stds			
4.3	Hull Inspections			Demonstrate How to Check for Water in the Bilge and Explain Ways to Remove It.			
4.4	Firefighting	82	Ab5d	Safely Extinguish a Fire Under Adult Supervision			
4.5	Proper Fueling		Ab7a1	Demonstrate Proper Boat Fueling Procedures			
4.6	Life Jackets	74	A5a	Describe Five Types of Life Jackets, Demonstrate Their Use and Care			
4.7	Charts	188		Plot a Danger Bearing on a Nautical chart			
4.8	Weather	193		Demonstrate Getting Weather Info Using the VHF Radio Aboard Your Vessel			
4.9	Man Overboard Drill	86	O5d	Plan and Demonstrate a Man Overboard Drill			

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4.10	Grounding	85		Tell How to Avoid Grounding and Explain Actions to Be Taken If Aground			
4.11	First Aid	97	Ab5f,g	Obtain a Standard First Aid and CPR Certificate from a Certified Agency			
Section 5 : Piloting							
5.1	Compass - Describe and Use	175	O10b	Describe Compass Bearing Directions : Show True, Magnetic and Compass Bearings on a Chart Using Deviation and Variation Calculation			
5.2	Compass Boxing	175		Describe the 32 Points of a Compass by Name and Degrees			
5.3	Operation by Visual Aids	185	Ab10c	Demonstrate How to Fix Your Position by Taking Bearings from Two Fixed Objects			
5.4	Working a Course	183	Ab10b	Layout a Course of Three Legs and Execute It Using Dead Reckoning			
Section 6 : Charts							
6.1	Definition of Charts	171-3	O10a	Demonstrate Finding Your Position from Coordinates and Find the Position of Five Aids to Navigation on a Chart.			
6.2	Orientation and Dividers	183		Use Dividers to Determine Distances on a Nautical Chart			
6.3	Chart Symbols	217		Using a Nautical Chart, Describe the Identifiable Landmarks Along a Course			
6.4	Speed, Distance, Time	181		Use $60D = S \times T$ to find ETA, Speed for Specified ETA, and Distance Traveled			
Section 7 : Safe Boating							
7.1	Operations	125-30	O7a,b,c	Describe Parts of All Boats, Unique Parts of a Sailboat, and Six Types of Sailboats			
7.2	Principles of Sailing	132-5		Describe Points of Sail, Tacking, Jibing, and Running			
7.3	Powerboat Operations	137-8		Describe Five Types of Small Power Boats, How Steering Is Affected by the Propeller Direction of Rotation and Location.			
Section 8 : Operation of a Boat							
8.1a	Safety Checklist	78	Ab5a	Develop and Use Customized Vessel Safety Check List			
8.1b	Emergency Procedures	86	O5d	Describe and Practice Man Overboard, Fire, and Abandon Ship Drills			
8.1c	Handling Lines	139	Ab7b	Explain Name and Function of Dock Lines and Demonstrate Their Use			
8.1d	Correct Anchoring	147	Q8a,b,c	Teach Ordinary and Able Anchoring Requirements and Direct a Correct Anchor Setting and Weighing			
8.1e	Use a Chart to Layout a Course	183	Ab10b	Layout a Course of Three Legs and Execute the Course			
8.1f	Operate and Dock a Boat in a Correct Manner	137	Ab7b	Execute Docking Commands Used for Handling the Lines			

Codings : SSM = Sea Scout Manual

Ap = Apprentice, Ab= Able

O = Ordinary Q = Quartermaster