

Sea Scout Personal Advancement Record (SPAR)

This SPAR is designed to provide Sea Scouts with an easy-to-use record to track their advancement. All requirements found in this SPAR are based on the current requirements found in the Sea Scout Manual (No. 33239C). This is not an official document of and is not produced or distributed by the Boy Scouts of America.

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Sea Scout Name:		Birthdate:	
Sea Scout Advancemer	nt - Apprentice	Date	Signature
Ideals			
Qualify as an official m ship's admission cerem	nember of your Sea Scout ship by taking part in the nony.		
	and discuss with an adult leader the Sea Promise aw. Discuss the Venturing Code and agree to carry our ship's code.		
Active Membership			
	your dues are paid and that you are doing your fair ance your ships program.		
4. Describe the Sea Scou uniform is worn and ho	It uniform and obtain one. Tell how and when the ow to care for it.		
Special Skills			
the following knots: se	oth large and small lines, tie and explain the use of quare knot, bowline, clove hitch, sheet bend, two ht, and cleat hitch. Demonstrate the ability to use a		
rules that apply to the standards in the use of other safety devices us personal flotation devi	sic safety rules for small boats. Know the safety e floating equipment used by your ship, and safety f power tools, machinery, lifting heavy objects, and sed by your ship. Demonstrate the proper use of a ce such as a life jacket or a life buoy. Be familiar with standard marine distress signals, and demonstrate a VHF distress call.		
	te the proper procedure for boarding a vessel. isage of personal courtesy on board a ship.		
of the following stroke swim 25 yards/meters	rards/meters in a strong manner using one or more es: sidestroke, breaststroke, trudgen, or crawl, then using an easy resting backstroke. After completing ng. Discuss the Safe Swim Defense Plan with a ships		
_	6 hours of work on ship equipment, projects, or gular ship meetings, parties, dances, or fun events.		
Skipper's Review. I have re Apprentice Sea Scout.	eviewed this Sea Scout's SPAR and find that he or she h	as satisfied all requiren	nents for advancement to
Signature	Printed Name	Ship	Date

Sea Scout Name:	Birthdate:	
Sea Scout Advancement - Ordinary	Date	Signature
Ideals		
 Give an explanation of the Sea Scout emblem and tell how and why it is used. Prove that you have a general understanding of the customs and courtesies of the sea. 		
2. Give a brief history of the U.S. flag and show when to fly it and how to hoist, lower, fold, display, and salute it.		
Active Membership		
3. Attend at least 75 percent of your ship's meetings and special activities for six months.		
4. Complete quarterdeck training, either as a petty officer or as a prospective petty officer, as provided and required by your ship and council.		
5. Recruit a new member for your ship and follow through until the new member is registered and formally admitted. (This requirement may be waived by the ship committee if additional membership is not possible at the time the Sea Scout applies.)		
Special Skills		
6. Boats : Know the identifying features and special advantages of 10 of the following types of boats: canoe, catamaran, dinghy, dory, kayak, motor cruiser, motor lifeboat, motor sailer, motor whaleboat, pram, pulling whaleboat, punt, runabout, self-bailing surfboat, skiff, trimaran. Name the principal parts of the type of craft commonly used by your ship.		
Know the proper display of boat flags and courtesy on small boats.		
Demonstrate your ability to handle a rowboat.		
7. Marlingspike Seamanship: Using line appropriate to the craft you nor¬mally use, tie the following knots and explain the use of each: overhand knot, stevedore's knot, bowline on a bight, timber hitch, rolling hitch, marline hitch, midshipman's hitch, and double bowline (French bowline).		
Name the various materials used for rope, the advantages and disadvantages of each, and the characteristics of laid and braided rope. Understand the meaning of lay, thread, strand, and hawser.		
Demonstrate the ability to secure a line to pilings, bitts, and rings, and to coil, flake, and Flemish a line. Know how rope is sized and measured.		
Demonstrate how to cut and heat-seal a synthetic line.		

sea	a Scout Name:	Birtndate: _	
Sea	a Scout Advancement - Ordinary (page 2)	Date	Signature
8.	Ground Tackle : Describe five types of anchors. Describe how each type holds the bottom, the kind of bottom in which it holds best, and any other advantages or disadvantages.		
	Name the parts of a stock anchor and a stockless anchor. Demonstrate the ability to weigh and set anchor.		
9.	Piloting : Explain the degree system of compass direction. Explain variation and deviation, and show how corrections are applied to correcting and uncorrecting compass head ings assigned by your consultant.		
	Name relative bearings expressed in both degrees and points. Be able to report objects in view and wind directions with respect to the boat, and know the duties of a lookout.		
	Name three kinds of devices used aboard ship for measuring speed and/ or distance traveled and, if possible, demonstrate their use.		
	Make a dead reckoning table of compass and distances (minimum three legs) between two points, plot these on a chart, and determine the final position.		
10	o. Communications : Name the three principal methods of visual signaling and explain the advantages and limitations of each method.		
	Name the three principal types of radiotelephone equipment in marine use and demonstrate your knowledge of correct radiotelephone procedures.		
11	. Time : Understand Universal Coordinated Time (Greenwich Mean Time) and zone time, and demonstrate the ability to convert from one to the other for your local area. Name the seven watches and bell time. Understand the 24-hour system of telling time.		
12	2. Swimming : Meet the requirements for the Swimming merit badge.		
13	B. Cruising : Take part in planning and then make a two-day (including overnight) cruise in an approved craft under leadership. Submit a satisfactory log of the cruise.		
	Name the wheel or helm orders specified in the current Pilot Rules manual. While on the cruise, perform the duties of a helmsman.		
14	I. Safety : Know the man overboard, fire, abandon ship, and all other drills used by your ship.		
	List the equipment that should be con-tained in an abandon ship bag, and list the duties to be performed before abandoning ship.		

Sea Scout Name:	Birthdate:	
Sea Scout Advancement - Ordinary (page 3)	Date	Signature
List safety equipment required by law for your ship's main vessel. Discuss BSA Safety Afloat with a ship's officer.		
15. Galley : While on a cruise or at a camp, prepare or take charge of a breakfast, lunch, and dinner, including boiled, fried, and uncooked dishes. Demonstrate your ability to properly use the galley equipment or personal cooking gear generally used aboard your craft.		
Demonstrate appropriate sanitation techniques for food preparation and meal cleanup.		
Submit a menu, list of provisions, and estimated costs before meeting the above requirement.		
Explain the use of charcoal, pressurized alcohol, propane, and com¬pressed natural gas stoves, including safety precautions for each.		
16. Sailing : Name the principal parts of the masts, booms, spars, standing and running rigging, and sails of a gaff- or Marconi-rigged sloop, schooner, and ketch or yawl.		
Describe the identifying characteristics of a sloop, ketch, yawl, cutter, and schooner.		
17. Work : As a Seaman Apprentice log at least 16 hours of work on ship equipment, projects, or activities other than regular ship meetings, parties, dances, or fun events.		
18. Electives: Do any three of the following:		
a. Drill : Demonstrate your ability to execute commands in close-order drill.		
b. Signaling : Send and receive semaphore messages using proper procedures at a rate of at least 30 letters a minute.		
c. Compass: Box the compass to 32 points and demonstrate your ability to compute the degree heading for each point. Describe the relationship between the 32 points and the relative bearing system using points.		
d. Yacht Racing: Describe the procedures used in yacht racing, and the sig¬nals used by the race committee to start a race, and serve as a crew mem¬ber in a race sailed under current International Sailing Federation Rules.		
e. Sailing: In a cat-rigged or similar small boat, demonstrate the ability to sail single-handedly a triangular course (leeward, windward, and reach¬ing marks). Demonstrate beating, reaching, and running. A qualified instructor must observe this.		

Sea Scout Name:		Birthdate:	
Sea Scout Advancement	- Ordinary (page 4)	Date	Signature
-	rk: Demonstrate your ability to make a three-strand re-strand monkey's fist. Using either orna¬mental rng line.		
including filter, spark	ne maintenance on your ship's propulsion system, plug, oil changes, and other appropriate proper fer to operation manuals or ship officers for correct		
Skipper's Review. I have rev Ordinary Sea Scout.	iewed this Sea Scout's SPAR and find that he or she	has satisfied all require	ments for advancement to
Signature	Printed Name	Ship	Date

Sea Scout Name:	Birthdate:	
Sea Scout Advancement - Able	Date	Signature
Ideals		•
 Organize and conduct two impressive opening ceremonies and two impressive closing ceremonies for your ship. 		
 Demonstrate and explain the proper etiquette for boarding a Sea Scout vessel, landship, and naval vessels. Explain and demonstrate when and where to display the U.S. ensign, ship, and signal flags on a Sea Scout, Coast Guard, or Navy vessel. 		
Or,		
Lead your ship in a discussion of how the sea history of our nation has contributed to our way of life.		
Active Membership		
3. Attend at least 75 percent of your ship meetings and special activities for one year.		
4. Serve effectively either as an elected petty officer of your ship or as the chair of a major activity.		
5. Prepare and present a 15-minute program on Sea Scouting before a Boy Scout troop, Venturing crew, Venturing Officers' Association meeting, school class, or other youth group. Some of this time should be used to describe the activities of your ship, with time allowed for questions and discussion of Sea Scouting.		
Special Skills		
6. Boats : Know and use a customized equipment checklist for your vessel. Learn and demonstrate your ability to properly operate a boat equipped with an outboard motor of not more than 25-horsepower. included should be proper mounting of the motor, fueling, manual starting, leaving a dock, maneuvering, coming alongside, and securing the motor (including flushing if in salt water). Some states require an operator's license for outboard motor operations. Secure such a license, if required, before meeting this requirement.		
Locate the capacity plate required to be affixed to all newer small boats. Show how to compute the safe loading capacity for a small boat.		
7. Marlinspike Seamanship: Submit an eye splice, short splice, and a palmand-needle whipping. Know the names and functions of lines used to secure a vessel to a dock. Understand and execute docking commands used in handling lines on your ship's main vessel.		
Describe the parts of a block and how blocks are sized. Demonstrate the various types of tackle used by your ship.		

Sea Scout Name:	Birthdate:	
Sea Scout Advancement - Able (Page 2)	Date	Signature
Submit a flat seam, round seam, and grommet eye sewn in canva Dacron. Describe how each is used in the care of sails.	as or	
8. Ground Tackle : Identify a capstan or windlass and explain its use in hand line, wire rope, or chain. Identify and explain the fittings used to ha chain. Describe the various kinds of anchor rode and the advantage each type.	ındle	
Describe the methods of marking chain. Understand and execute commands used in handling ground tackle.	e the	
Identify and explain the use of the following: thimble, shackle, turnbu pelican hook, sister hook, and other ship's hardware and fittings commused aboard your craft. Describe how each is sized.		
9. Piloting : Understand the system of aids to navigation employed in area, including buoys, lights, and daymarks, and their significance corresponding chart symbols. Read in detail a National Ocean Sechart, preferably for the area normally cruised by your ship, identifying marks on it. Explain the use of tide tables, current tables, light lists, how to update a chart using the Notice to Mariners.	and rvice ng all	
Describe the deck log kept aboard your ship's principal craft. Keccomplete log for three cruises.	ер а	
While on the water, determine a fix of your position from three or r visual bearings and plot this position on a chart.	more	
10. Swimming : Meet the requirements for the Lifesaving merit badge.		
11. Cruising : Make a long cruise (two weeks) after becoming Ordinary. the Long Cruise badge.	Earn	
12. Safety : Know and put into practice the rules for fire prevention. Con a fire safety inspection of the craft normally used by your ship or of ship's meeting place. Note any fire hazards and report them to your spetty officers.	your	
Know the different kinds of fire extinguishing agents and how each w Know the classes of fires and the type of fire extinguisher that may or not be used for each. In a safe place under adult supervision, demons the extinguishing of class A and class B fires with an approved extinguisher. See that the fire extinguisher used is properly recharge replaced.	may trate I fire	
13. First Aid : Meet the requirements for First Aid merit badge or American Red Cross Standard First Aid. Obtain CPR certification. Demonstrate Heimlich maneuver and tell when it is used.		

Sea Scout Name:	Birthdate:	
Sea Scout Advancement - Able (Page 3)	Date	Signature
14. Rules of the Road: Explain and demonstrate a working knowledge of the nautical rules of the road that govern the local waters used by your ship's principal craft. Explain and demonstrate ship's lights, rules in limited visibility, whistle signals, and right of way, including exceptions vessels. Describe special lights and day shapes deployed on the following vessels: not under command; restricted by ability to manover; constrained by draft; fishing (trawling); sailboat.		
15. Navigation : Understand the systematic division of the earth's surface by latitude and longitude. On Mercator charts, place the coordinates of maritime positions and locate positions on charts when furnished with coordinates.		
Demonstrate your ability to fix your position by the following methods: lines of positions on two known objects, running fix, and estimated position.		
Discuss the method for establishing a radar fix. Lay a course and execute it using dead reckoning.		
Establish distance from a known object using "double the angle on the bow" and explain how to set a danger angle.		
Discuss how GPS (Global Positioning System) operates, the purpose of way points, and the use of set and drift.		
16. Boat Maintenance : Know how and why to use marine enamel, varnish, and synthetic coatings for both topsides and underbodies of boats. Demonstrate the proper surface and coating preparation, coating techniques, care of stored coatings, and cleaning of brushes. Explain any special techniques needed for the maintenance and repair of fiberglass hulls and decks.		
Know the names, uses, sizes, and proper care of the common hand tools used aboard your craft.		
17. Electives: Do any three of the following.		
a. Sailing: While in command of a crew of not less than two other persons, demonstrate your ability to sail a sloop or another suitable boat correctly and safely over a triangular course (leeward, windward, reaching marks) demonstrating beating, reaching, running, and the proper commands.		
b. Boats : Teach and command a crew under oars using a boat pulling at least four oars single- or double-banked. Perform the following manuvers: get under way, maneuver ahead and back, turn the boat in its own length, dock, and secure.		

Sea	Scout Name:	Birthdate:	
Sea	Scout Advancement - Able (Page 4)	Date	Signature
C.	Radio: Demonstrate the correct procedures to transmit and receive radiotelephone distress (Mayday), urgency (Pan), and safety (Security) messages, as well as normal traffic.		
d.	Drill : Demonstrate your ability to give and execute commands in close-order drill.		
e.	Engines: Understand the safe and proper procedures for gasoline and diesel inboard engines, including: fueling, prestarting checks, ventilation, starting, running, periodic checks while running, securing, postoperative checks, and keeping an engine log.		
	If possible, demonstrate using the type of engine (gasoline or diesel) aboard the craft you most frequently use. Understand and demonstrate the preventive maintenance schedule recommended by the manufacturer.		
	Demonstrate basic knowledge of troubleshooting.		
f.	Yacht Racing : Demonstrate your understanding of the shapes, flag hoists, gun, and horn signals used in sailboat racing as well as a working knowledge of the racing rules of the International Sailing Federation.		
	Serve as helmsman, with one or more additional crew members, of a sloop-rigged or other suitable boat with a spinnaker in a race sailed under ISAF racing rules.		
g.	Sea History : Know the highlights of sea history from the earliest times to the present. Include the evolution of boat construction and propulsion, important voyages of exploration and development, the origin of sea traditions, and leaders of U.S. sea history and their achievements.		
h.	Ornamental Ropework: Demonstrate your ability to fashion the following items of ornamental ropework: four-strand turk's head, coach whipping, cockscombing, round braid, flat sennit braid, wall knot, and crown knot. Make a useful item such as a bos'n's call lanyard, rigging knife lanyard, bell rope, etc., or decorate some portion of your ship's equipment such as a stanchion, rail, lifeline, tiller, etc., as an example of your work.		
i.	Specialty Proficiency : Do one of the following: become a certified scuba diver; become proficient in windsurfing, surfing, kayaking, or whitewater rafting/canoeing.		
	per's Review. I have reviewed this Sea Scout's SPAR and find that he or she lead Scout.	has satisfied all requiren	nents for advancement to
Signa	iture Printed Name	Ship	Date

Sea Scout Name:	Birthdate:	
Sea Scout Advancement - Quartermaster	Date	Signature
Ideals		
 Lead a discussion on the subject participating citizenship at a ship meeting or with a separate group of your peers. 		
2. Write and submit a paper of about 200 words that tells how and what your ship can do to contribute to the world fellowship of Scouting.		
Or		
Prepare a written analysis of one of the following: your ship's bylaws, constitution, administration, or ceremonies and make recommendations for change to your ship's Quarterdeck.		
Active Membership		
3. Attend at least 75 percent of your ship's meetings and special activities for 18 months (including previous service of Apprentice, Ordinary, and Able).		
4. Present a brief talk or program (15 minutes in length is suggested) on Sea Scouting at a service club, religious organization, PTA, or other adult organization.		
5. While an Able Sea Scout, plan, develop, and give leadership to others in a service project helpful to any religious institution, any school, or your community. The project idea must be approved by your Skipper and ship committee and approved by the council or district before you start. This service project should involved your ship and at least one other group.		
Special Skills		
6. Boats : Demonstrate and teach the Motorboating merit badge. Know the principles of springing into and out from a dock, from both bow and stern, using an engine depending on the type of craft used by your ship. Take charge of the craft used by your ship, or suitable powered craft and give all necessary commands to the crew while coming alongside and getting under way in several wind and current situations.		
7. Marlinspike Seamanship: Teach the Ordinary and Able requirements No. 7, Marlinspike Seamanship to a crew. Demonstrate an eye splice in double braided line.		
8. Ground Tackle : Teach the Ordinary and Able requirements No. 8, Ground Tackle, to a crew.		
Know the methods of bringing a boat to anchor or mooring with special emphasis on wind and current with respect to the vessel's course and speed.		

Sea Scout Name:	Birthdate:	
Sea Scout Advancement - Quartermaster (Page 2)	Date	Signature
		J.g
Take charge of the craft used by your ship and give all commands to the crew for anchoring and weighing anchor in several different wind and current situations.		
Take charge of the craft used by your ship and give all commands to the crew for picking up a mooring buoy and properly mooring the vessel in several wind and current situations.		
9. Piloting : Teach the Ordinary requirement No. 9 and Able requirement No. 15 to a crew.		
Know the methods of fixing a boat's position in limited visibility, and the special precautions that should be taken when limited visibility is encountered.		
10. Signaling : Draw the international code flags and pennants from memory and give the single-letter meanings of the flags. Demonstrate your ability to use the book, International Code of Signals.		
11. Swimming : Meet the requirements for BSA Lifeguard or Red Cross lifesaving, and obtain certification where applicable.		
12. Cruising : Take command of a vessel with a crew of not less than four Sea Scouts for at least 48 hours (including two consecutive nights). Do no work while in command. You must delegate all duties and supervise only. During the cruise complete the following:		
a. Inspect the vessel for required equipment.		
b. Supervise the menu preparation.		
c. Prepare the boat to get under way with a proper checklist.		
d. Anchor, dock, and maintain course by commands to the helmsman.		
e. Remain under way for at an extended period during darkness. Discuss		
appropriate nighttime running procedures.		
f. While under way, perform man overboard, damage control, abandon ship, fire fighting, collision drills, and any other drills used by your ship.		
During this cruise no substantial errors may be committed. A competent adult leader should grade and observe this requirement and, if necessary for safety reasons, take command of the vessel.		
13. Safety : Know the heavy weather precautions taken aboard both power and sailing craft when dangerous weather approaches, and demonstrate these precautions aboard the craft used by your ship. Reference: See the Sea Scout Manual, "Heavy Weather" on page 251.		

Sea Scout Name:	Birthdate:	
Sea Scout Advancement - Quartermaster (Page 3)	Date	Signature
14. Rules of the Road : Teach Able Requirement No. 14, Rules of the Road, and demonstrate a working knowledge of both international and inland navigation rules.		
15. Weather : Demonstrate your ability to read a barometer, thermometer, anemometer, psychrometer, and weather vane. Be familiar with the Beaufort scale of winds and seas.		
Read and understand a local weather bulletin. Know how to obtain current marine and weather reports from the National Weather Service in your area either by telephone or radio.		
Know weather signs for your local area, including cloud types, and prepare a 48-hour forecast from them. Compare your forecast with the actual weather that occurred.		
16. Electives : Do four of the following.		
a. Sailing : Know the principles of handling a schooner, ketch, yawl, or other suitable sailing craft. Under competent direction, take charge of a crew and demonstrate your ability to handle a suitable sailing craft in all points of sail.		
b. Engines : Explain the principal features of steam turbine, turboelectric, direct reversing diesel, diesel-electric, gas turbine, nuclear, gasoline, and diesel engines and the relative advantages of each type.		
Understand the operation of spark ignition and compression ignition for internal combustion engines used aboard small craft. Be familiar with the engine aboard the craft used by your ship, including its principles of operation, fuel, lubrication, cooling and electrical systems, and their component parts.		
Be able to locate and correct minor engine troubles according to the engine manufacturer's troubleshooting guide. Note: With the help of your ship's officers, locate a consultant who has a knowledge of engines. Read the consultant's suggested reference material, and ask the consultant to relate this to the engine aboard your craft.		
c. Radio : Qualify for and obtain the Marine Radio Operator Permit as issued by the Federal Communications Commission.		
d. Boat Maintenance : Take charge of reconditioning or overhauling at least one of your ship's boats, or take charge of hauling out the principal craft used by your ship. In either case, lay out a plan of the work to be done in advance, including an estimate of the materials, tools, cost, and time involved.		
e. Electricity : Know and demonstrate the correct method of rescuing a person in contact with a live wire. Demonstrate the approved method of resuscitation. Understand the construction of simple battery cells.		

Sea Scout Name:		Birthdate:	
Sea Scout Advancement - Qu	artermaster (Page 4)	Date	Signature
between direct current and a	of storage batteries. Understand the difference Iternating current and the best uses for each. how to replace fuses, reset circuit breakers, I electric cable.		
your ship or aboard another carrying capacity of circuits, overloading. Understand ele	lectrical system aboard the craft used by craft. Understand wire tables, the currentand the hazards and prevention of electrical ctrolysis as applied to the deterioration of a galvanic action and its prevention.		
	w the sextant works. Show how to use it and zontal angles and altitudes. Understand the		
altitude at local apparent noo	e by the altitude of Polaris or by the sun's n. Demonstrate how longitude is determined. the boat's compass by the sun's azimuth.		
g. Drill : Demonstrate the ab order drill. Do all required ma	ility to handle the ship's company in close- neuvers.		
vessel. Plot its projected cour mooring to mooring, handling	nt direction, assume the con of your ship's se between two ports, and cruise that course g all piloting duties and acting as officer of the ade in daylight hours with good visibility.		
i. Yacht Racing Crew: Take cl racing rules.	narge of a crew in a race using current ISAF		
	ability to splice and handle wire rope, attach ete a safety and tuning inspection of a ship		
Skipper's Review. I have reviewed	d this Sea Scout's SPAR and find that he or she h	as satisfied all requirem	ents for advancement to
Quartermaster Sea Scout.			
Signature	Printed Name	Ship	Date

SEA SCOUT PERSONAL ADVANCEMENT RECORD (SPAR)		
Sea Scout Name:	Birthdate:	

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