

SLC and BBCM - Practical Competency Assessment Rubrics

Instructions for the Assessing Instructor

NOTE: You must be SLC and BBCM qualified with NauticEd Admin to issue these practical competency grades.

To issue practical competency for SLC and BBCM the instructor should ensure the student has:

- successfully passed the assessment rubrics for Skipper Practical Competency for an appropriate vessel size AND
- successfully passed the attached assessment rubrics for SLC and BBCM Practical Competency

You may pass the student for SLC and BBCM after you deem that, considering the skills required for an appropriately sized vessel and their ability to perform them, you believe they could competently and safely lead a crew on a sailing vacation on a large keelboat with their friends and family. It is up to your professional discretion as to the overall practical competency rank you will issue given the evidence you have created from each of the rubrics. If you find critical areas that need to be addressed, do not issue a passing SLC/BBCM grade instead consider Skipper Grade or Crew Grade and a follow up plan for additional instruction and reassessment. For ICC, same comments and assessment standards apply but you must be an RYA instructor.

If the student gains a pass:

- Check the appropriate "Pass" boxes below and make recommendations as to further training
- ASK YOUR STUDENT FOR THEIR SECRET LOGBOOK CODE (not their password) AND THEIR SIGNIN EMAIL ADDRESS. Their logbook code is self assigned and is in their "myprofile" section. They must have this filled in before you can gain access
- Login to NauticEd.org with your instructor signin ID and password (or for solo school operators, login with your School ID and "impersonate" your instructor self)
- In the search box, enter the student's email address and logbook code. Then check the Upgrade This Student's Practical Competency box
- In the dropdown, check the appropriate Bareboat Charter Master and/or SLC or Qualified Crew Verified Practical Competency box. Make additional notes about the student's competency in the appropriate fields. If using the Rubrics Assessment App, upload their Rubric results into their logbook
- Their Sailing Certificate and Sailing Resume will then be instantly updated with your name as the Verified Practical Competency Instructor along with your School.
- Your student will then be given the opportunity to rate their experience with you. Results of this are sent to you, the school principle and NauticEd Admin and posted online alongside your NauticEd Instructor profile.



| Instructor name: | BBCM: The student could complete the s crew and skippering a sailing ves | |
|---------------------------------------|--|----------------------------|
| Student Name | Signin Email | Logbook Code |
| Sig | Date / | / |
| | t Charter Master (BBCM) ICC | Restrictions Restrictions |
| Student Name | Signin Email | Logbook Code |
| Sig | Date / | / |
| Passed Qualified | d Crew Performance and improv | vements notes Restrictions |
| | t Charter Master (BBCM) | |
| Student Name | Signin Email | Logbook Code |
| Sig | Date / | |
| Passed Qualified Not passed Bareboar | t Charter Master (BBCM) ICC | vements notes Restrictions |



| Student | | Signin | | Logbook |
|-----------------|--------------------------------|------------------------------------|--------------|-----------------|
| Name | | Email | | Code |
| Sig | | Date / / | | |
| Sig | | Date / / | | |
| Passed | Qualified Crew | Performance and improvements notes | Restrictions | |
| Not passed | Bareboat Charter Master (BBCM) | | | |
| | SLC ICC | | | |
| | · | · | | |
| z | | I | | |
| Student | | Signin | | Logbook |
| Student Name | | Signin Email | | Logbook Code |
| Name | | | | |
| | | | | |
| Name | | Email | | Code |
| Name Sig | | Email Date / / | | Code |



| Student 1 | | Student 2 | | Student 3 | | Student 4 | | Student 5 |
|---------------------------------|-------------|------------------------------------|------------|---------------------------------|----------------|------------------------------------|--------------|------------------------------------|
| Name | | | | | | | | |
| Skill Set 1. Boat Syster | ns and | Inventory | | | | | | |
| 1.1 Safety Inventory | | | | | | | | |
| Can identify key safety equipm | ent neces | sary for a manifestly safe voyag | ge; includ | ing fire extinguishers, flares, | first aid kit, | flashlight, fire blanket, tool kit | , life jacke | ts and how to use life jackets. |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Exc | l | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| 1.2 Electric Panel | | | | | | | | |
| | • | ncluding vessel navigation light | s, instrun | nent switches, cabin lights ar | nd explain A0 | c vs DC. Identify windlass reset | . Demonst | rate proper AC voltage |
| disconnect procedure. Identify | | | | | | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Exc | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| 1.3 Emergency Call | | | | | | | | |
| Make a simulated emergency \ | | | ration an | | | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Exc | l | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| 1.4 Heads and Pollution | | | | | | | | |
| Explain "Y" valves, when head | dumping i | s allowed vs discouraged. Desc | ribe plast | ic and oil management. | | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Exc | l | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| 1.5 Engine | | | | | | | | |
| | es. Demoi | nstrate oil and coolant check ar | nd add. D | escribe water impeller repla | cement. Den | nonstrate raw water strainer cl | leanout ar | nd exhaust. Identify diesel filter |
| and means for draining water. | Identify tr | ransmission linkages. Can check | raw wat | er coolant flow. Start and st | op procedur | es. | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Exc | l | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| 1.6 Galley | | | | | | | | |
| Describe stove lighting and pro | pane safe | ety. Identify water fill ports and | gauges. [| Demonstrate water tank cha | nge over. | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Exc | l | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| 1.7 Above Decks | | | | | | | | |
| | and descr | ibe hazards. Describe inspectio | n of stand | ding rig. Describe fender pla | cement. | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Exc | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| 1.8 Navigation Instruments | | | | | | | | |
| Describe wind, depth, GPS, Rad | dar AIS a | utonilot instruments | | | | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Exc | I | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| 1.9 Vessel Inspection | | | | | | | | |
| Is able to conduct a thorough i | nsnection | of the vessel for its Seaworthy | ness: me: | aning the vessel is compete | nt to resist t | he ordinary attacks of wind an | d weather | and is competently equipped |
| and manned for the voyage, w | • | • | - | • | | | | |
| , | | d, depth, GPS, Radar, AIS, and a | | • | | | , | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | • | NA Fail Crew BBCM Exc | I | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| | | | | | | | | |



| Student 1 | | Student 2 | | Student 3 | | Student 4 | | Student 5 | | |
|---------------------------------|--|---------------------------------|------------|----------------------------------|------------|----------------------------------|------------|-----------------------------------|--|--|
| Name | | | | | | | | | | |
| Skill Set 2. Preparation | Skill Set 2. Preparation, Crew Briefing and Leaving the Dock | | | | | | | | | |
| 2.1 Weather Knowledge | | | | | | | | | | |
| Describe appropriate sources of | of weather | r information including Apps. A | ble to rea | nd, and predict coming condition | ns based | on fronts, cyclones, anticyclone | es. | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | |
| 2.2 Tide Height and Tidal Stre | am Know | ledge | | | | | | | | |
| • | | | tide and | stream data from tables and c | urves incl | uding using Apps. Can use rule | of twelve | s. Can determine tide height, and | | |
| tidal stream rate and direction | • | | | | | | | | | |
| NA Fail Crew BBCM Excl | • | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | |
| 2.3 Crew Briefing | | | | | | | | | | |
| Deliver a strong, confident and | complete | e safety crew briefing. | | | | | | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | |
| 2.4 Develop and Communicat | e Departu | ıre Plan | | | | | | | | |
| Describe sensible departure pla | ans under | various wind and current dire | ctions uti | lizing appropriate spring lines. | Communi | cate to and assign crew membe | ers with s | pecific appropriate tasks. | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | |



| | | Student 2 | | Student 3 | Student 4 | | Student 5 |
|--|---------------------------------------|---|---|--|--|-------------------------------------|---|
| Name | | | | | | | |
| Skill Set 3. Maneuverin | g and S | Sailing the Vessel Safe | ly | | | | |
| 3.1 Maneuvering Under Power | r | | | | | | |
| exhibits confidence and compe | tence who | en maneuvering the boat und | er power i | n both forward and reverse at (a |) turning in circles maintaining the boat | within 2 b | oat lenths of a marker buoy (b |
| igure 8's (c) stopping the boat | taking int | o account momentum (d) ope | rating wit | h safe speed. Can back the boat i | n a straight line and stop effectively into | o a simulat | ed slip. |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | N | IA Fail Crew BBCM Excl |
| 3.2 Sails - Set, Douse and Trim | | | | | | | |
| Can describe all control lines. Ca | an set sail | ls to appropriate leech and foo | ot tensions | s and perform furling/dousing wi | th appropriate wind direction while ma | intaining li | ne control. Can explain safe wi |
| use techniques. Demonstrates a | appropria | te sail trim at various points o | f sail. | | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | N | IA Fail Crew BBCM Excl |
| 3.3 Boat Handling Under Sail | | | | | | | |
| Demonstrates competence who | en sailing | a triangular course with one le | eg directly | into wind requiring multiple tacl | ks. Demonstrates competence when tur | rning the b | oat under sail in a full 360 deg |
| urn while maintaining sail cont | rol. Can s | ail downwind without accider | ntly gybing | . Controls sails during tacking an | d gybing. | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | N | IA Fail Crew BBCM Excl |
| | | | | | | | |
| 3.4 Steering | | | | | | | |
| 3.4 Steering Can hold a constant course hea | ding via c | ompass. Does not over steer t | :hrough ta | cks and gybes. | | | |
| Can hold a constant course hea NA Fail Crew BBCM Excl | | ompass. Does not over steer t | | cks and gybes. NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | N | IA Fail Crew BBCM Excl |
| Can hold a constant course hea NA Fail Crew BBCM Excl | ŭ | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | | |
| Can hold a constant course hea NA Fail Crew BBCM Excl Solutions and Janety Understands max boat loading | capacity. | NA Fail Crew BBCM Excl Maintains proper look out. De | emonstrate | NA Fail Crew BBCM Excl es knowledge of giveway rules ur | nder real and fictional circumstances: sa | ıme tack, o | pposite tack, sail meet power, |
| Can hold a constant course hea NA Fail Crew BBCM Excl Juderstands max boat loading power meet power, traffic lane | capacity. | NA Fail Crew BBCM Excl Maintains proper look out. De | emonstrate | NA Fail Crew BBCM Excl es knowledge of giveway rules ur | | ıme tack, o | pposite tack, sail meet power, |
| Can hold a constant course hea NA Fail Crew BBCM Excl Solutions and Janety Understands max boat loading | capacity. s, overtak | NA Fail Crew BBCM Excl Maintains proper look out. De | emonstrate uickly dete | NA Fail Crew BBCM Excl es knowledge of giveway rules ur | nder real and fictional circumstances: sa | ime tack, o take. Unde | pposite tack, sail meet power, |
| Can hold a constant course hea NA Fail Crew BBCM Excl John Rules and Salety Understands max boat loading of the salety Dower meet power, traffic lanemarrow channel. NA Fail Crew BBCM Excl | capacity. s, overtak | NA Fail Crew BBCM Excl Maintains proper look out. De ing. Can identify traffic and qu | emonstrate uickly dete | NA Fail Crew BBCM Excl es knowledge of giveway rules ur ermine if they pose a collison thre | nder real and fictional circumstances: sa eat and announce the correct action to t | ime tack, o take. Unde | pposite tack, sail meet power, rstands responsibilities in a |
| Can hold a constant course hea NA Fail Crew BBCM Excl John Hall Crew BBCM Excl John Hall Crew BBCM Excl John Hall Crew BBCM Excl NA Fail Crew BBCM Excl B.6 Heaving to and Reefing | capacity. s, overtak | NA Fail Crew BBCM Excl Maintains proper look out. De ting. Can identify traffic and qu NA Fail Crew BBCM Excl | emonstrate uickly dete | NA Fail Crew BBCM Excl es knowledge of giveway rules ur ermine if they pose a collison thre NA Fail Crew BBCM Excl | nder real and fictional circumstances: sa eat and announce the correct action to to NA Fail Crew BBCM Excl | ime tack, o take. Unde | pposite tack, sail meet power, rstands responsibilities in a |
| Can hold a constant course head NA Fail Crew BBCM Exclusion National Part of the National Par | capacity. s, overtak lease. Use | NA Fail Crew BBCM Excl Maintains proper look out. De ting. Can identify traffic and qu NA Fail Crew BBCM Excl | emonstrate uickly dete | NA Fail Crew BBCM Excl es knowledge of giveway rules ur ermine if they pose a collison thre NA Fail Crew BBCM Excl | nder real and fictional circumstances: sa eat and announce the correct action to t | ime tack, o take. Unde | pposite tack, sail meet power, rstands responsibilities in a |
| Can hold a constant course head NA Fail Crew BBCM Excludes and Safety Understands max boat loading ower meet power, traffic lanestarrow channel. NA Fail Crew BBCM Excludes and Fail Crew BBCM Excludes A Fail Crew B | capacity. s, overtak lease. Use | NA Fail Crew BBCM Excl Maintains proper look out. De ting. Can identify traffic and qu NA Fail Crew BBCM Excl es appropriate procedures to r | emonstrate uickly dete | NA Fail Crew BBCM Excl es knowledge of giveway rules ur ermine if they pose a collison thre NA Fail Crew BBCM Excl ail and head sail. Can explain furl | nder real and fictional circumstances: sa eat and announce the correct action to to NA Fail Crew BBCM Excl | ime tack, o take. Unde | pposite tack, sail meet power, rstands responsibilities in a IA Fail Crew BBCM Excl |
| Can hold a constant course head NA Fail Crew BBCM Excludes and Safety Understands max boat loading ower meet power, traffic lanestarrow channel. NA Fail Crew BBCM Excludes and Fail Crew Overboard | capacity. s, overtak lease. Use | NA Fail Crew BBCM Excl Maintains proper look out. De cing. Can identify traffic and qu NA Fail Crew BBCM Excl es appropriate procedures to r NA Fail Crew BBCM Excl | emonstrate uickly dete | NA Fail Crew BBCM Excl es knowledge of giveway rules ur ermine if they pose a collison thre NA Fail Crew BBCM Excl ail and head sail. Can explain furl NA Fail Crew BBCM Excl | nder real and fictional circumstances: sa eat and announce the correct action to the NA Fail Crew BBCM Excl ling reefing versus lowering to reef. NA Fail Crew BBCM Excl | me tack, o take. Unde N | pposite tack, sail meet power, rstands responsibilities in a IA Fail Crew BBCM Excl |
| Can hold a constant course head NA Fail Crew BBCM Excludes and Safety Understands max boat loading ower meet power, traffic lanestarrow channel. NA Fail Crew BBCM Excludes and Fail Crew BBCM Excludes an effectively recover a crew recover. | capacity. s, overtak lease. Use | NA Fail Crew BBCM Excl Maintains proper look out. De cing. Can identify traffic and qu NA Fail Crew BBCM Excl es appropriate procedures to r NA Fail Crew BBCM Excl everboard; maintaining lookou | emonstrate uickly dete reef mains | NA Fail Crew BBCM Excl es knowledge of giveway rules ur ermine if they pose a collison thre NA Fail Crew BBCM Excl ail and head sail. Can explain furl NA Fail Crew BBCM Excl ching with appropriate speed and | nder real and fictional circumstances: sa eat and announce the correct action to to NA Fail Crew BBCM Excl | ime tack, o take. Unde N N | pposite tack, sail meet power, rstands responsibilities in a IA Fail Crew BBCM Excl |



| Student 1 | | Student 2 | | Student 3 | | Student 4 | | Student 5 |
|---------------------------------|-------------|-----------------------------------|------------|----------------------------------|------------|-----------------------------------|--------------|-------------------------------------|
| Name | | | | | | | | |
| Skill Set 4. Anchoring, | Moorin | g, and Returning to th | e Slip | | | | | |
| 4.1 Anchoring | | | | | | | | |
| Properly sets up the crew and | vessel for | anchoring. Considers factor wl | nen select | ting an appropriate anchor loca | tion inclu | ding tide, shore, surrounding d | epth, obst | tacles, and other vessels. Uses |
| proper anchoring procedure in | cluding ap | ppropriate scope. | | | | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| 4.2 Mooring | - | | | | | | | |
| Properly sets up the crew and | vessel for | mooring. Establishes hand sig | nal comm | nunications with appointed bow | person. B | Brings vessel to stop at the mod | ring ball a | and effetely ties off using |
| appropriate warp. Can identify | appropria | ate mooring ball colors. | | | | | · · | , |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| 4.3 Mediterranean Mooring | | | | | | | | |
| Is able to complete the Medite | erranean m | nooring method with anchor. (| Can back t | the boat in at a safe speed and | stops at t | he appropriate point. Effective | lv secures | the aft lines and tensions the |
| anchor. Is able to describe the | | • | | • | • | | , | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| 4.4 Returning to the Slip | | | | | | | | |
| • | en returni | ing to the slip including setting | up the cr | rew and communicating the pla | n. fender: | s, spring lines, checking for mai | rina traffic | and objects/people in the water. Is |
| | | | | of approach depending on the w | | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| 4.4 Secure the Vessel | | | | | | | | |
| Properly secures the vessel cor | ncidorina l | ings soiled sails stowed sprin | a and doc | ck lines considering tide fender | o alactric | al book up, and socurity | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | g ariu uuc | NA Fail Crew BBCM Excl | - | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl |
| INA TAIL CIEW DOCIVI EXCI | | IVA TAIL CLEW DDCIVI EXCI | | INA TAIL CLEW BBCIVI EXCI | | IVA TAIL CIEW DECIVI EXCI | | IVA TAIL CIEW DECIVI EXCI |



| Student 1 | | Student 2 | | Student 3 | | 9 | Student 4 | | Student 5 |
|-----------------------------------|------------|----------------------------------|-------------|------------------------------------|------------|--------------|-----------------------|------------|-------------------------------------|
| Name | | | | | | | | | |
| Skill Set 5. Life Aboard, | Knots | , and Distress | | | | | | | |
| 5.1 Knots | | | | | | | | | |
| Demonstrates ability and is able | to teach | the following knots: bowline. | figure 8 s | topper knot, cleat hitch, rollin | hitch, clo | ve hitch, ro | und turn and two h | alf hitche | s. reef knot, sheet bend. |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | | rew BBCM Excl | | NA Fail Crew BBCM Excl |
| 5.2 Life Aboard | | | | | | | | | |
| Can describe measures to preve | ent water | polution. Recites law on dum | ping of pla | astic. Recites law and appropr | ateness on | dumping t | he head. Lists medi | cal safety | awareness of what to watchout for |
| considering the crew. | | | | | | | | • | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail C | rew BBCM Excl | | NA Fail Crew BBCM Excl |
| 5.3 Galley | | | | | | | | | |
| Can describe precautions in using | ng the sto | ve and oven considering gas, | fire, CO2 a | and heeling boat. | | | | | |
| NA Fail Crew BBCM Excl | - | NA Fail Crew BBCM Excl | , | NA Fail Crew BBCM Excl | | NA Fail C | rew BBCM Excl | | NA Fail Crew BBCM Excl |
| 5.4 Distress Calls | | | | | | | | | |
| Can make an effective simulate | d VHF and | d DSC distress call. Describes E | PIRB wor | kings and use. Describes use o | flares and | l dangers. V | Vhich flares not to i | use for he | licopter resue. Can identify visual |
| distress signals. | | | | | | Ū | | | • |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail C | rew BBCM Excl | | NA Fail Crew BBCM Excl |
| 5.5 Fire | | | | | | | | | |
| Demonstrates simulated use of | a fire ext | inguisher and fire blanket. De | scribes wh | nat to do in case of electrical fi | e. | | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail C | rew BBCM Excl | | NA Fail Crew BBCM Excl |
| 5.6 Collision | | | | | | | | | |
| Describes actions in case of coll | ision and | sealing leaks. | | | | | | | |
| NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail Crew BBCM Excl | | NA Fail C | rew BBCM Excl | | NA Fail Crew BBCM Excl |



| Student 1 | Student 2 | Student 3 | Student 4 | Student 5 |
|-------------------------------------|--|--|---|---|
| Name | | | | |
| Skill Set 6. Navigation ar | nd Pilotage | | | |
| 6.1 Chart | | | | |
| Can show dangers and hazards or | a chart. Can show navigation aids on | a chart. Can show commercial shipping land | es on a chart and discuss associated dang | gers. Can measure distances on a chart. |
| NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl |
| 6.2 Navigation Marks and Aids f | or Day and Night | | | |
| | | ALA-B, cardinal marks, isolated danger marl | ks by night and by day. | |
| NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl |
| 6.3 Vessel Lights, Shapes, and So | unds | | | |
| | | iven, sailing vessel, vessel at anchor, tug an | d tow, fishing vessel, dredger, Understan | nds Maneuvering sounds 1. 2. 3. and 5 |
| blasts. Can identify vessels and ve | | ,,,,, | | |
| NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl |
| 6.4 Navigation Skills | | | | |
| • | pass bearings and by latitude and longi | tude. | | |
| • • | o steer making allowances for tide stre | | | |
| · · | S | and direction, and making allowances for a | appropriate leeway. | |
| | | ount tacking angles, current, and leeway. | , | |
| | | nine distance and direction to destination. | | |
| NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl |
| 6.5 Pilotage | | | | |
| Understands maximum loading o | f vessel. Know sources of information of | on Ports and local rules and VHF frequency. | Understands Customs country clear in a | nd clear out procedures. Can plan an |
| | | ls, and marinas. Can calculate fuel usage for | • | · |
| NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl | NA Fail Crew BBCM Excl |



| Student 1 | | Student 2 | S1 | cudent 3 | Stud | dent 4 | | Student 5 |
|--|----------------|----------------------------------|--------------------------|------------------------|---|--------------------------|--------------------|-----------------------|
| Name | | | I I | I | l | l | | |
| Endorsement: Dingl | ny Operat | ions | | | | | | |
| This is a highly recommended | but optional | endorsement subject to available | access to a dinghy. This | is to be graded separa | ately and check marked u | ınder the student endo | rsement check box | es. |
| Dinghy 1. Safety | | | | | | | | |
| Can explain and use safety | kill cord with | wrist strap. Unstands dangers | of propeller especially | with respect to sha | rp turns and crew fallir | ng out. Cognizant of ell | bows when starti | ng. Knows |
| requirement for night lights | | | | | | | | |
| NA Fail Crew BBCM Exc | Cl | NA Fail Crew BBCM Excl | NA Fail Cr | ew BBCM Excl | NA Fail Crew | v BBCM Excl | NA Fail Cre | w BBCM Excl |
| Dinghy 2. Engine and Fuel | | | | | | | | |
| · · | • | tively by: Checking for elbow r | | fuel valve, fuel bulk | , understanding 2 strol | ke vs 4 stroke with fue | l difference, chol | ke, throttle, up/down |
| NA Fail Crew BBCM Exc | | ance fuel refill. Carburetor flo | <u> </u> | ew BBCM Excl | NA Fail Crew | RRCM Excl | NA Fail Cre | w BBCM Excl |
| | | Sil Grew BBGM Excl | 10,1 1011 61 | C. SBOIT EACH | TOTAL CICK | DDSITT EACT | 10.1 10.1 010 | Down Exc |
| Dinghy 3. Required Invent Can list: flashlight, pump, p | • | or and rode sufficient fuel | | | | | | |
| NA Fail Crew BBCM Exc | | NA Fail Crew BBCM Excl | NA Fail Cr | ew BBCM Excl | NA Fail Crew | v BBCM Excl | NA Fail Cre | w BBCM Excl |
| | | | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | |
| Dinghy 4. Safe Boarding Can describe safe boarding | technique us | sing three points of touch for s | tahility (two hands one | foot two feet one | hand) | | | |
| NA Fail Crew BBCM Exc | | NA Fail Crew BBCM Excl | - ' ' | ew BBCM Excl | NA Fail Crew | v BBCM Excl | NA Fail Cre | w BBCM Excl |
| Dinghy 5. Maneuvering | | | | | | | | |
| • . • | d and reverse | with caution around engine t | ilt lock and problems a | ssociated with auto- | tilting in reverse. Can r | naneuver in straight li | ne. Turn 30 degre | ees to port. Turn 30 |
| _ | | or get the direction wrong wit | • | | - | _ | _ | • |
| auto-tilting the engine. Can | reverse in a | 360 degree circle. Can maneu | ver to a object in rever | se and stop appropr | iately. Can describe da | ngers of excessive spe | ed. | |
| NA Fail Crew BBCM Exc | cl | NA Fail Crew BBCM Excl | NA Fail Cr | ew BBCM Excl | NA Fail Crew | v BBCM Excl | NA Fail Cre | w BBCM Excl |
| Dinghy 6. Beaching | | | | | | | | |
| Can safely beach the dingh | y and launch | away from the beach. Unders | | | | | | |
| NA Fail Crew BBCM Exc | cl | NA Fail Crew BBCM Excl | NA Fail Cr | ew BBCM Excl | NA Fail Crew | BBCM Excl | NA Fail Cre | w BBCM Excl |
| Dinghy 7. Mooring Balls | | | | | | | | |
| Can identify/describe a ding | | | | | | | | |
| NA Fail Crew BBCM Exc | cl | NA Fail Crew BBCM Excl | NA Fail Cr | ew BBCM Excl | NA Fail Crew | v BBCM Excl | NA Fail Cre | w BBCM Excl |
| Dinghy 8. Towing and Dav | | | | | | | | |
| | | ngth for towing. Can raise into | | | | | | |
| NA Fail Crew BBCM Exc | Cl | NA Fail Crew BBCM Excl | NA Fail Cr | ew BBCM Excl | NA Fail Crew | v BBCM Excl | NA Fail Cre | w BBCM Excl |



| Endorsement: Night Time Operations While night time operations are generally not allowed by yacht charter companies, being able to safely operate under low light and dark condition time assessment on the water. It is to be graded separately and check marked under the student endorsement check boxes. | ons is a recommended skill. Th | is is expected to be a practical might |
|--|--------------------------------|--|
| While night time operations are generally not allowed by yacht charter companies, being able to safely operate under low light and dark conditio | ons is a recommended skill. Th | is is expected to be a practical wight |
| | ons is a recommended skill. Th | is is avposted to be a practical sight |
| time assessment on the water. It is to be graded separately and check marked under the student endorsement check boxes. | | is is expected to be a practical hight |
| and absent on the fraction to be be distanced and an arrangement and arrangement arrangement and arrangement arran | | |
| Night 1. Lighted Marks | | |
| Can identify and name the characteristics of various observed lighted marks | | |
| , | ew BBCM Excl | NA Fail Crew BBCM Excl |
| Night 2. Chart | | |
| Can transpose viewable lighted marks onto the chart and can gain an approximate position fix | | |
| | ew BBCM Excl | NA Fail Crew BBCM Excl |
| Night 3. Other Vessels | | |
| Can identify types of vessels by their exhibited lights. Can identify their direction of movement and if they pose a collision threat. | | |
| | ew BBCM Excl | NA Fail Crew BBCM Excl |
| Night 4. Safety | | |
| Can rig and describe jack line use. Can discuss crew overboard safety devices including electronic tethers. | | |
| NA Fail Crew BBCM Excl | ew BBCM Excl | NA Fail Crew BBCM Excl |
| Night 5. Anchoring and Mooring in the Dark | | |
| Can safely determine a safe anchoring position and direct the crew to complete successfully. Can successfully find and direct the crew | to complete a successful n | nooring. |
| NA Fail Crew BBCM Excl | ew BBCM Excl | NA Fail Crew BBCM Excl |
| Night 6. Sailing | | |
| Can confidently lead the crew to sail in darkness. | | |
| · | ew BBCM Excl | NA Fail Crew BBCM Excl |
| Night 7. Return | | |
| Can identify and use lighted marks to safely return to the marina. | | |
| | ew BBCM Excl | NA Fail Crew BBCM Excl |