

BSBC Shark Programme Skill Sign Off Form

Mentor Signature Date

Terminology (See Basic Cruising Skills text)		
Standing and Running rigging		
Sails		
Reefing systems		
Shackles, fairleads, turnbuckles, tangs, cleats, chain plates, gooseneck, winch		
Bow, stern, gunwale, mast, forestay, backstay, mainsheet, jib sheet, boom vang, boom, topping lift, rudder, tiller, halyard		
Positions relative to the boat		
Windward, leeward, leeway		
Heading up, bearing away		
Port and starboard tack		
Tacking and Gybing		
Safety equipment ... 6 – 9 Meters... FLLAPMESH		
Flares ... 6 flares ... Type A, B, C		
Flashlight ... waterproof		
Ladder ... re-boarding		
Lights Navigation ... define light specifications		
Anchor ... 15 m of rode or paddle		
PDF		
Manual Bilge Pump ... bailer		
Extinguisher Fire		
Sound Signaling Device		
Heaving Line buoyant 15m long		
Knots		
www.animatedknots.com		
Figure 8 / Stopper knot		
Round turn and 2 half hitches / Tying a dock line to a ring		
Bowline / temporary Non slip loop		
Reef knot / Tying ends of the same line together		
Double Sheet Bend / Tying two separate lines together		
Clove hitch / Tying a line to a spar		
Lines		
Types of line Braid / Laid or twist		
Belaying a cleat		
Coiling a line / Coiling a line for storage		
Making off a halyard		
Bitter end is the end of a rope that is loose. The standing end is attached to something		
Heaving a line (30 feet)		
Flaking a line		
Outboard engine		
Starting		
Flooded		
Stopping		
Operating guidelines while underway		
Safe Fueling		
Manoeuvring under power		
Prop Walk		
Figure 8		
Stopping at a defined place / ahead / astern		

Under various wind and sea conditions		
1 – 100 – 1 formula (1 knot = 100 feet in 1 minute)		
Leaving dock		
Pre-departure Checklist		
How to bend on sails / Main / Jib		
Steering		
Preparation to cast off		
Casting off		
Wind blowing off dock		
Wind blowing on dock		
Wind or current from ahead		
Wind or current from astern		
Docking		
Speed enough to maintain steerage		
Try to dock into wind and current		
If downwind then go bow in ... stopping with aft spring and reverse		
If wind onto dock ... stop a little further off and be blown on		
If wind off dock ... then get in closer and have crew step ashore smartly		
Docking Procedure		
Snugging the boat down		
Manoeuvring under sail		
Raising the main		
Raising the jib		
Points of sail		
Tacking		
Gybing		
Hove to		
Reefing the main		
Crew overboard (Beam Reach, Broad Reach, Close Reach method)		
Lower sails		
Sail Trim		
Safe winch technique		
How sails work		
Main sail trim		
Jib sail trim ... role of ticklers		
Halyard Tension		
Sail twist		
Sheet block position		
Anchoring		
Types of Anchors		
Scope		
Attributes of a good anchorage		
Anchoring procedure		
Weighing anchor		
Weather		
Sources of information		
▪ VHF		
▪ Airport Weather offices		
Internet http://www.weatheroffice.gc.ca/canada_e.html		
▪ Radio stations		
▪ Newspapers		
Interpreting VHF Marine Forecast		
▪ Synopsis ... location, intensity & movement of weather systems		
▪ Forecast ... wind speed, direction, weather, visibility, sea state		
▪ Outlook ... for succeeding 24 hrs		

Wind Warnings/Wind Speed		
Wind warning		
Gale warning		
Storm warning		
Hurricane		
Wave size ... wind speed, duration, fetch		
Sea breeze ... land breeze		
Folk lore		
Red sky at night ...		
Storm passing to the north of you “Veering wind will clear the sky ... backing wind says storms are nigh”		
Rules of the road		
Making way ... moving or passing		
No way on ... not moving		
Headway ... moving forward		
Sternway ... moving astern		
Leeway ... leeward motion of the boat		
Taking way off ... slowing down		
Gathering way ... picking up speed		
Underway ... “not at anchor, made fast to the shore or aground” ie floating		
Stand-on vessel ... Give way vessel		
Both have obligations		
Rules of the Road ... A. E. Saunders		
Keep Right		
Give Right		
Big is Right		
Nobody is Right		
Sailing vessels Rule 12		
Opposite tacks ... port is give way		
Same tacks ... windward is give way		
Uncertainty ... give way		
Power vessels		
Meeting head on ... alter course to starboard to pass port to port		
Crossing ... if vessel to starboard then give way		
Overtaking ... if overtaking then give way		
Aids to Navigation		
Lights		
Lateral Aids to Navigation		
Starboard hand		
Port hand		
Bifurcation		
Fairway		
Isolated danger		
Cardinal		
Coping with the unexpected		
Fire		
Propane/Alcohol ... cooking appliances		
Gasoline ... engine fuel		
Hydrogen ... charging batteries		
Methane ... holding tank		
Hypothermia / cold water shock		
Causes		
Dealing with		

Springing a leak		
Steering failure		
Running aground		
Fouled prop		
Dragging anchor		
Broken halyard		
Standing rigging failure		
Making a distress call		
What to look for when buying a boat		
TBD		