getonthewater.ca

OWYD

Designers & Builders of Smallcraft

Stock Plans & Kits

Custom Designs

About Us

Our focus is on helping you ***getonthewater***, we can do this in a number of ways, first: through the sale of our stock plans and kits, designed to guide you through the process of building your own boat. Second; we can produce new plans or a kit based on an existing design modified to suit your needs, this option has been exercised by a number of our builders. Your next option is commissioning a custom design, with a kit and plan set developed for that design or a custom design & build project. Custom and modified designs and kits come with an increase in cost, least costly are modifications to existing designs requiring only minor changes to the CNC cutting program and the construction notes. Custom design work that requires full kits and building notes is the most expensive option, there are a number of variations between these choices, we would be happy to discuss your options. Alongside these options is the opportunity to purchase a boat from our current inventory.

Visit our website **getonthewater.ca**, and send your enquiries to us via

email: **getonthewater@sympatico.ca**.

Kits & Plans

Our kits are manufactured and shipped by Noah's Marine, *noahsmarine.com* many of our kits are available through their website , which is currently being updated once the new site is launched all of our kits will be available directly from there. Placing an order will be as simple as clicking a button, if you want help choosing one of our designs send us a note at *getonthewater@sympatico.ca* with your questions. Once you have purchased a kit, direct any kit related questions to Noah's and any build questions to us.

Plans for kits can be ordered directly from us in advance or can be sent with your kit if you are building a strip canoe or kayak you can do the prep work for your build while waiting on the kit. If you are building from scratch plans will come directly from us.

Be sure to check out the page of downloadable of study plans on our web site, these will provide you with more information on the build you are considering.

Kayaks

The first section of this booklet showcases our kayak designs, built using Stitch & Glue and/or cedar strip construction. some of the S&G boats can be built with cedar strip decks in place of plywood decks, others have been designed specifically to have cedar decks on a plywood hull. Decks are the easiest part of a boat to strip, this allows builders to gain some experience using cedar strip construction techniques with less stress than building an entire boat using strips.

Featured first are are new projects then S&G boats beginning with a drawing illustrating some details of the S&G method, a second illustration precedes the section covering strip kayaks shows some of the steps involved in epoxy/strip construction.

Kayak hull shapes vary from series to series, some of the variation is caused by the building method, single chine, multi-chine or cedar strip. Some of the boats are illustrated with renderings to highlight some of these differences. Building a multi-chine hull naturally take longer than a single chine hull, boats built from scratch being most affected by this during the layout and cutting stages.

Cedar strip boats take the longest to build but allow more flexibility both in hull shape during the design process and the degree of creativity it allows a builder to exercise during the creation of their craft.

Contents

"Anyone who wants to can produce a good boat.It takes some study, some practice, and, of course experience. The experience starts coming the moment you begin and not one jot before. I sometimes hear the wail "I have no experience" Start. Start anything, and the experience comes."

Pete Culler On Wooden Boats pg. 11

NEW

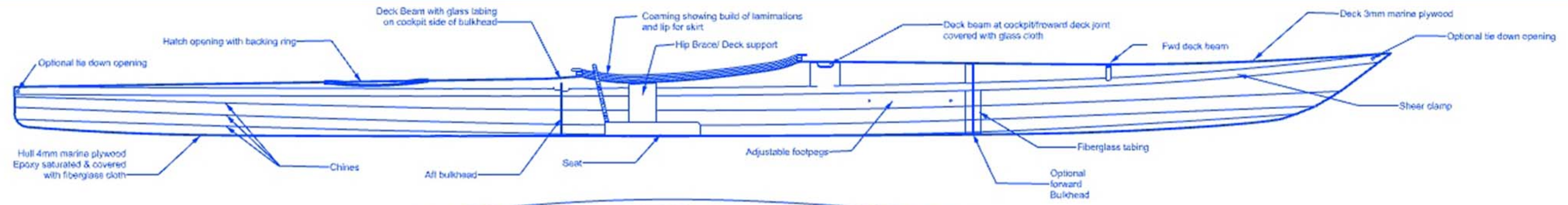
Presently we have one new project build underway it can be found on **page 19,** the Blackwater 16 canoe,this project has been designed to serve as a promotional vehicle for the Blackwater Coffee Company, ***blackwatercoffee.ca.***
The canoe has been designed using their logo and drawings taken from historical Ojibwe longnose canoes. For builders looking for a canoe that sets them apart from the crowd building this canoe from a kit or set of plans would give them a craft that is different from those built from other canoe kits, combined with having it built or building it in cedar/strip epoxy would giv;e them a truly outstanding boat.Keep an eye on our facebook page for updates on this project.

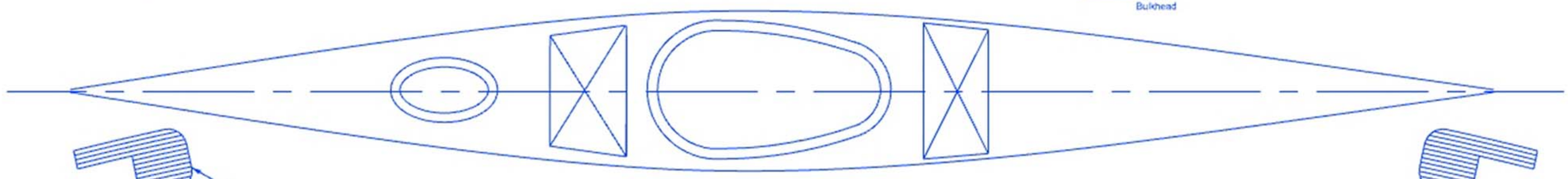
We are planing to continue along the same line with development of a solo canoe at about 15 ft. in length basing the design for the solo boat on the design of an Ojibwe rice harvesting canoe, while the rice canoe is not necessarily a solo boat its size lends itself to that use.

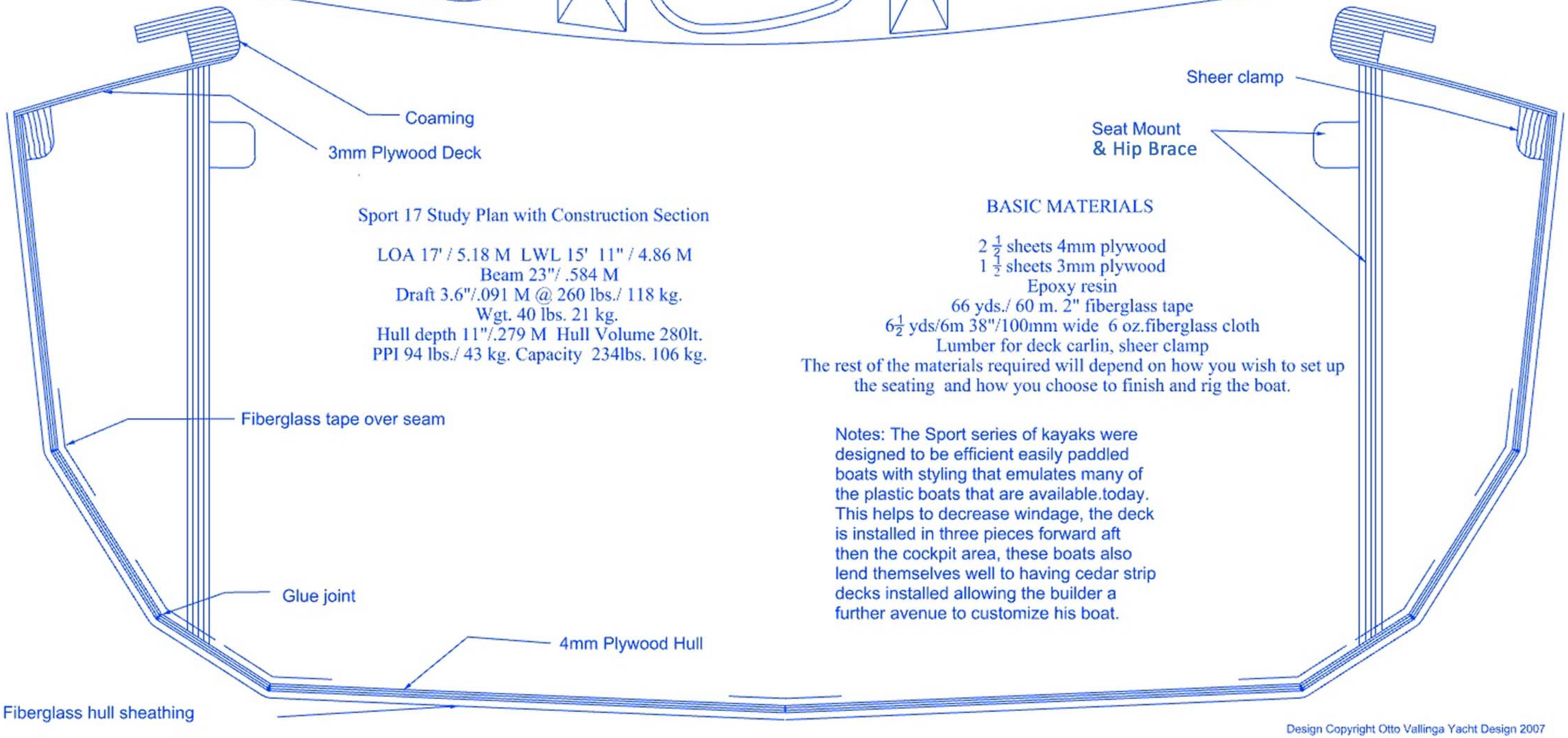
While we are working on the above we will continue with the development of the epoxy/strip paddleboards we introduced last year with continued development of a 12.5 foot version of the Expedition SUP with again the option to build it as any of three models, Expedition, Explorer, or Excursion, check out the 14.5 on **page 23**.

Please note that even if you do not feel up to building a boat for yourself, that we can do so for you, it can be one of the above one of the boats found within this catalogue or a new design for you.

Typical Stitch & Glue Kayak Construction







Sport 17 Study Plan with Construction Section

LOA 17' / 5.18 M LWL 15' 11" / 4.86 M
Beam 23"/ .584 M
Draft 3.6"/.091 M @ 260 lbs./ 118 kg.
Wgt. 40 lbs. 21 kg.
Hull depth 11"/.279 M Hull Volume 280lt.
PPI 94 lbs./ 43 kg. Capacity 234lbs. 106 kg.

BASIC MATERIALS

$2\frac{1}{2}$ sheets 4mm plywood
$1\frac{1}{2}$ sheets 3mm plywood
Epoxy resin
66 yds./ 60 m. 2" fiberglass tape
$6\frac{1}{2}$ yds/6m 38"/100mm wide 6 oz.fiberglass cloth
Lumber for deck carlin, sheer clamp
The rest of the materials required will depend on how you wish to set up the seating and how you choose to finish and rig the boat.

Notes: The Sport series of kayaks were designed to be efficient easily paddled boats with styling that emulates many of the plastic boats that are available.today. This helps to decrease windage, the deck is installed in three pieces forward aft then the cockpit area, these boats also lend themselves well to having cedar strip decks installed allowing the builder a further avenue to customize his boat.

The first two designs featured are a pair of our smaller boats, unlike many of our designs neither of these is part of a series. Many of the designs found in this catalogue are done in series allowing paddlers of varying sizes to enjoy a particular design that has caught their eye but the size of the boat they saw may not suit them or the intended use these two are stand alone designs meant to fill a particular niche.

Smallwaters 8

Length 8 ft. 2.39 m
Beam 21.5 in. 54.7 cm
Weight 16 lbs. 7.5 kg.
Capacity 90 lbs. 40 kg.
PPI** 42 lbs. 19 kg.

Intended for children, this boat is constructed from one sheetof 3mm plywood. Plan sets includes full size patterns, making this a great build from scratch project. Boat has watertight flotation compartments both in the bow and the stern.

Little Lake 10

Length 10 ft. 3.05 m
Beam 22.5 in. 57.2 cm
Weight 28.5 lbs. 13 kg.
Recommended Load Range 100 to 150 lbs. 45 to 67 kg.
Max. Capacity 220lbs. 100 kg.*
Cockpit Depth 10.125 in. 25.4 cm
PPI** 58 lbs. 26kg.

Both boats shown have single chine hulls.

Steel River 12

A multi chine boat designed with the fisherman in mind, an open cockpit, storage aft of the seat and watertight compartments fore and aft to ensure flotation in case of swamping. The boat is also light enough to ensure easy portability.

Length 12 ft. 3.66 m
Beam 31 in. 79 cm.
Weight 40 lbs. 18 kg.
Recommended Load Range 190 to 270 lbs. 86 to 123 kg.
Max. Capacity* 280 lbs. 127 kg.
PPI** 95 lbs. 43kg.

Massasauga 12

The Massasauga 12 has a single chine hull with a cedar strip deck, the design will suit many recreational paddlers. The strip deck and stitch & glue hull make a striking combination while keeping construction relatively simple as the deck has been designed to be easy to strip.

Length 12 ft. 10 in. 3.925 m
Beam 25 in. 63.5 cm
Weight 38 lbs. 17.2 kg.
Recommended Load Range 130 to 180 lbs 60 to 82 kg.
Max. Capacity* 240 lbs. 109 kg.
Cockpit Depth 11 in. 28cm.
PPI** 72 lbs. 33kg.

**Max. Capacity calculated using the ABYC method, these are the methods cited in the Canadian regulations (TP1332E), this is the maximum weight the boat should carry. The recommended capacity is the loading at which we feel the boat will operate at or close to its best.*

*** PPI this is the pounds per inch immersion; the weight it takes to sink the boat 1 inch [25mm] deeper in the water this number is included as it gives a good indication of the effects of loading on your boat.*

Aulavik 11

Length 11 ft. 3.35m
Beam 23 in. 58.5 cm
Weight 23 lbs. 10 kg.
Recommended Load Range 90 to 130 lbs. 41 to 59 kg.
Max Capacity* 155 lbs. 70 kg.
Cockpit Depth 10.625 in. 27 cm.
PPI** 57 lbs. 26 kg.

Aulavik 18

Length 18 ft. 8 in. 5.69 m
Beam 23.75 in. 60 cm.
Weight 52 lbs. 23.5 kg.
Recommended Load Range 170 to 250 lbs. 77 to 113 kg.
Max. Capacity* 280 lbs. 127 kg.
Cockpit Depth 12.4” 31.5 cm.
PPI** 99 lbs. 45 kg.

These boats are both hybrids, single chine, stitch & glue hulls coupled with cedar strip decks, allowing more shape in the deck. It also adds a lot of curb appeal, and can be made as simple or as fancy as you want it to be. Both have easily driven hull forms making them easy to paddle.

Aulavik is both the name of a national park located in the Northwest Territories of Canada and a Inuvialuktun word meaning ‘place where people travel’

NOTE: The weights given for all boats is likely to vary from that cited in this brochure, wood weights vary, as do building techniques, as such the weights given should be treated as a best estimate, your boat may be either heavier or lighter.

Sport Series

This series of kayaks has multi-chine S & G hulls that can be built using either all plywood stitch & glue construction with hulls made of 4mm plywood, and decks of 3mm plywood, or as hybrids having a cedar strip deck, the 15 and the 17 are the most popular boats of this series the 17 pictured is the standard version a 25 in wide version is also available.


Customer built 15


17


20

As can be seen above the 20 is a double

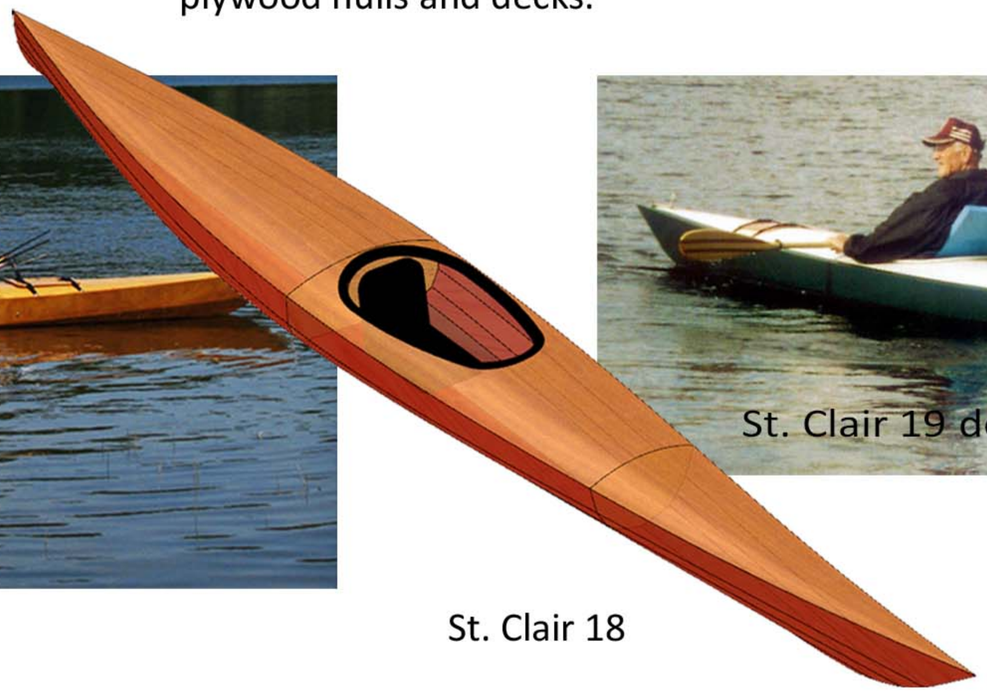
Length	Beam	Weight	Recommended Load Range	Maximum Capacity*	Cockpit Depth	PPI**
Ft/m	*In/cm*	*Lbs/kg*	*Lb/kg*	*Lb/kg*	*In/cm*	*Lbs/kg*
13/3.96	22/56	32/14.5	100 to 160/45 to 72	190/86	10/25.4	65/30
15/4.28	22/56	35/16.3	130 to 190/60 to 86	235/107	10.25/26	79/36
17/5.18	23/58.4	40/18	150 to 230/68 to 105	315/143	11/28	94/43
17/5.18	25/63.5	42/19	160 to 250/72 to 114	365/166	11.5/29	102/46
20/5.8	26/66	65/29.5	350 to 420/159 to 188	775/351	12/30	125/57

St. Clair Series

A series of stable, multi-chine boats with wider hulls to suit larger paddlers and those seeking a boat with more initial stability the 16 is available with a larger cockpit, for paddlers who want more room for fishing, or are no longer as nimble as they once were, they have plywood hulls and decks.

St. Clair 16 with optional 46in/1.18m long cockpit

St. Clair 19 double

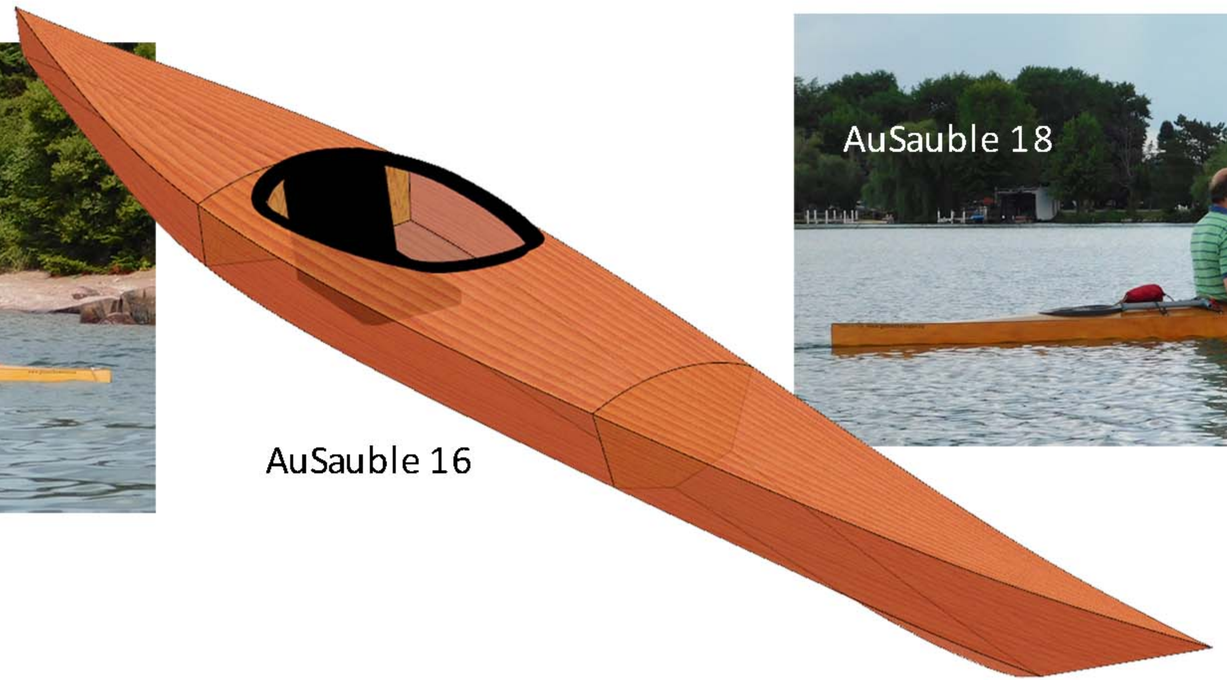


St. Clair 18

Length	Beam	Weight	Recommended Load Range	Maximum Capacity**	Cockpit Depth	PPI*
ft/m	*In/cm*	*Lbs/kg*	*Lbs/kg*	*Lbs/kg*	*In/cm*	*Lbs/kg.*
15ft. 7in/4.75m	25.75/65	44/20	220 to 280/100 to 127	515/234	11.5/25	100/45
18ft/5.49m	24.75/63	46/21	220 to 280/100 to 127	505/229	11.5/25	106/48
19ft/5.8m	30/76	63/29	250 to 450/113 to 205	845/383	13/33	140/64

AuSauble Series

This series has single chine hulls coupled with plywood decks with minimal camber to make them easier to build, they are easily paddled boats.

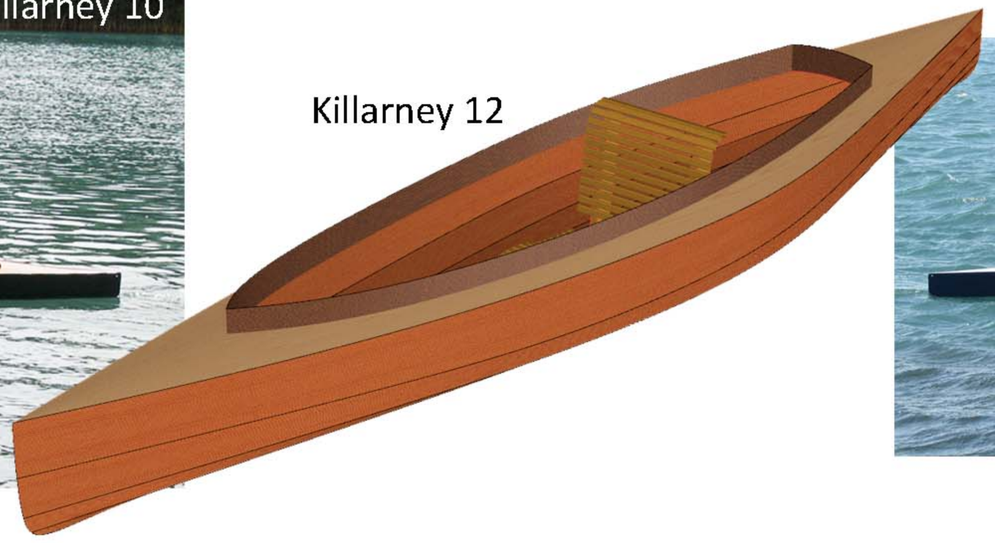


Length	Beam	Weight	Recommended Load Range	Maximum Capacity**	Cockpit Depth	PPI*
ft/m	*In/cm*	*Lbs/kg*	*Lbs/kg*	*Lbs/kg*	*In/cm*	*Lbs/kg.*
14/3.96	22/56	37/17	120 to 170/54 to 77	220/100	10/25	70/42
16/4.8	23/58	45/20	150 to 220/68 to 100	320/145	11/28	88/40
18ft/5.49m	23.5/60	52/24	240 to 315/109 to 142	465/211	11.5/29	100/45

Killarney Series

The concept behind these boats was for a series with the performance of a kayak, combined with the ability to be packed like a canoe, propelled by a kayak paddle, with enough cockpit room to allow loading gear in backpacks or barrels and you have a great tripping boat. No need to stuff gear through tiny hatches as required with a conventional kayak deck design. There is the option of building and installing a movable seat in the two larger boats, allowing adjustment of the boats balance to match the boats loading. All hulls in this series have multi- chine hulls.


Killarney 10


Killarney 12

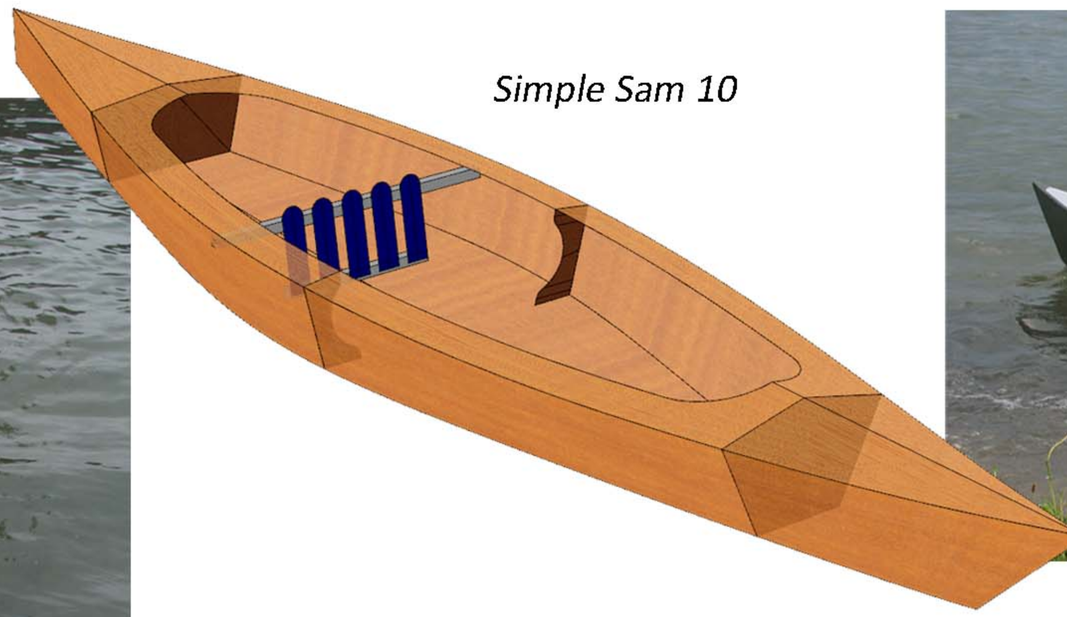

Killarney 14

Length	Beam	Weight	Recommended Load Range	Maximum Capacity**	Cockpit Depth	PPI*
ft/m	*In/cm*	*Lbs/kg*	*Lbs/kg*	*Lbs/kg*	*In/cm*	*Lbs/kg.*
10/3.05	26/66	34/15.4	120 to 175/54 to 80	195/88	NA	65/30
12/3.66	26.5/67	40/18	180 to 240/82 to 108	270/122	NA	80/36
14/4.27	27/69	46/21	200 to 290/90 to 132	335/152	NA	92/42

Simple Series

Designed to be simple and inexpensive to build, the plans focus on building using lumber from your local lumber yard. To reduce cost, they make use of less expensive resins to seal and protect wood surfaces. The boats are flat bottomed, with compartments both fore and aft for flotation, in the larger models they also serve as storage. Use of less expensive materials for construction will affect their longevity, so building from higher quality marine grade materials is also an option.

Simple Simon 8



Simple Sam 10

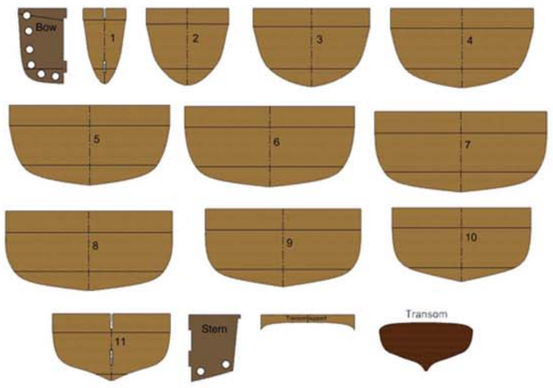
Simple Simone 12

Full size patterns available for these boats at additional cost.

Length	Beam	Weight	Recommended	Maximum	Cockpit	PPI*
ft/m	*In/cm*	*Lbs/kg*	*Lbs/kg*	*Lbs/kg*	*In/cm*	*Lbs/kg.*
7’ 8.25”/2.34	21/53		40 to 85/18 to 39	88/40	NA	42/19
10’ 2”/3.1	24.5/62		70 to 120/32 to 54	125/57	NA	57/26
12’9”/3.88	24/61		120 to 180/54 to 82	200/91	NA	70/32

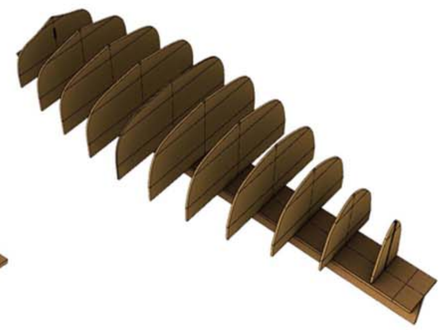
Cedar Strip Construction

Cut or purchase the strips and other supplies.



Cut or purchase molds and transom, it will be used as a mold during construction.

Construct a strongback

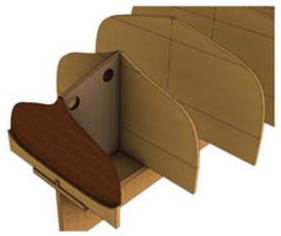


Mount molds on strongback spaced 12” apart

Bow form is aligned on centre using slots cut into mold 1 for alignment.

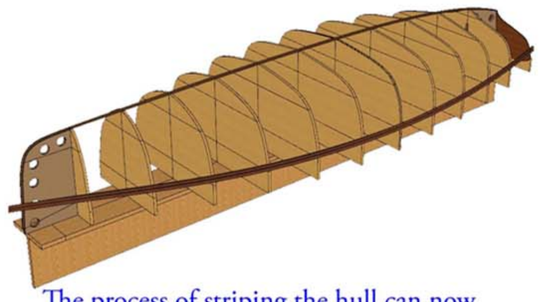
Stern form is set into mold 11 in the same way as the bow form.

The support for the transom is fitted over the end of the stern form and fastened parallel to the molds.

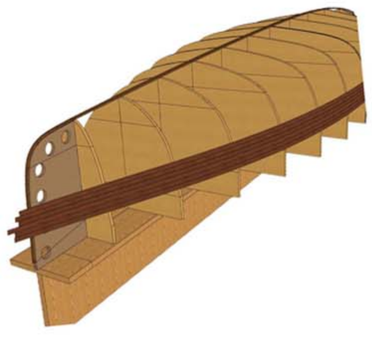


Set the transom in place on its support and against the stern form to set it at the correct angle.

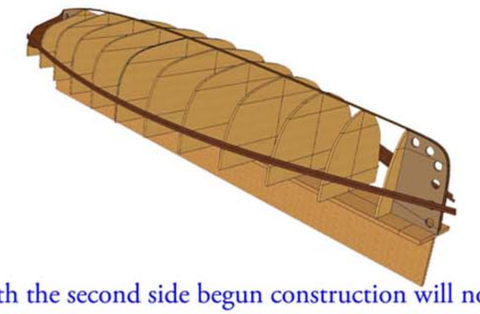
The keelson can now be installed in the notches in the molds and the stem formed around the bow form.



The process of striping the hull can now begin with a couple of strips set straight on the hull using the lowest point on the sheer as a start point



Once you have a half dozen or so strips on one side and the glue has dried, the ends of the strips are trimmed flush with the stem, to allow the strips on the other side of the hull to be started. The procedure will vary depending on whether you use staples or decide to construct your hull without their use.



With the second side begun construction will now go somewhat faster as you can now work your way up both sides of the hull.

Design: *12 ft. Rowing/Sailing Semi Skiff*
Dwg.: *Construction Overview*
Date: *August 12, 2021* Page: *Overview*

The Pukaskwa kayaks have been designed to be versatile, easily paddled boats, built using cedar strips and epoxy, constructed over a series of molds as illustrated on the previous page and in the picture on the bottom of this page. The majority of these boats have built by others which why I don't have weights for them my estimates would be from smallest to largest, 28, 40, 65 lbs. [13,18,29], weights always vary from boat to boat depending on materials and build techniques.


15


17


13


20

Molds set up for the construction of the first Pukaskwa 20.
Photo: RHW

Length	Beam	Weight	Recommended Load Range	Maximum Capacity**	Cockpit Depth
ft/m	*In/cm*	*Lbs/kg*	*Lbs/kg*	*Lbs/kg*	*In/cm*
13'2"/4.01	23/58		120 to 160/54 to 73	180/82	10.5/26.7
14' 11.75"/4.56	23/58	31/14	132 to 170/54 to 73	240/109	11/28
17'/5.18	24.5/62		150 to 280/68 to 127	325/147	11/28
20' / 6.1	27/68.6		300 to 500/ 136 to 227	800/ 363	11/28 11.5/29

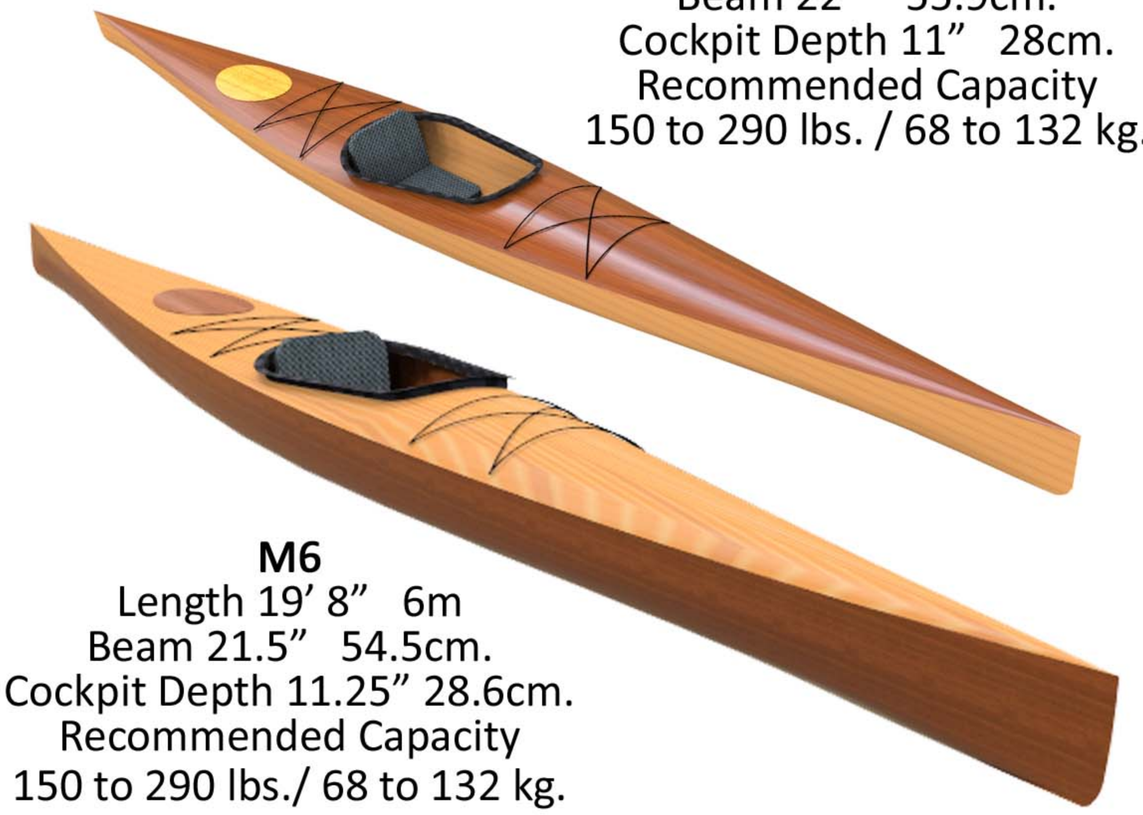
New Strip Kayak Designs

As time permits we continue to devlop new designs, often as a result of conversations at shows or online, two of the projects here are performance oriented and are sized based on the boats being used in the areas the paddlers making the inquiries are from. The other two are designed for fishing and differ greatly. The first is designed to be powered by a small electric motor, the second as a very portable boat that will suit paddlers who don't have a lot of storage space but desire a higher capacity boat.

PK 135
Length 13' 4.12m
Beam 36" 91 cm.
Designed Displacement 470lbs. 213 kg.
Max. Rated Capacity 640lbs./ 290 kg.

Fish'n' 480
Length 13' 1 1/4" 4m
Beam 32" 80 cm.
Recommended Load Range 180 to 450lbs. / 82 to 204 kg.
Cockpit Length 48" 122cm.
Cockpit Depth 14" 35 cm.

NA 18
Length 18' 5.49m.
Beam 22" 55.9cm.
Cockpit Depth 11" 28cm.
Recommended Capacity
150 to 290 lbs. / 68 to 132 kg.



M6
Length 19' 8" 6m
Beam 21.5" 54.5cm.
Cockpit Depth 11.25" 28.6cm.
Recommended Capacity
150 to 290 lbs./ 68 to 132 kg.

Canoes

Our canoes are constructed using the strip plank method, sheathed with fiberglass cloth inside and out. Our line of canoes is growing the Touring and Tay models are featured on this page the Kichisippi 16 and the newest design which is now being built the Blackwater 16 is alos featured. We aslo offer the Vuntut series of solos canoes meant to be paddled using a double blade paddle by a paddler sitting low in the boat.

Kichisippi 16

The Kichisippi is designed for paddlers seeking a good all round boat, one they can take out for a relaxing day on the water, or for a few days of tripping.

Length 16 ft. 4.88m.
Beam 36 in. 914 mm.
Maximum Capacity 550 lbs. 250 kg.
Height at Bow 20.5 in. 519 mm.
Mid 13.25 in. 334 mm.
Stern 19 in. 481 mm.

Tay 15

Length 15 ft. 4.57 m.
Beam 35 in. 89 cm.
Weight 51 lbs. 23 kg.
Maximum Capacity 550 lbs. 250 kg.
Hull Depth @ Bow 19.5 in. 49.5 cm.
Mid 13.25 in. 33. 5 cm.
Stern 18.25 in. 46.4 cm.

*** Note:** our canoe capacities are calculated using TP1332E and ABYC H29 which calls for 7” (178mm) of freeboard not 6” (152mm0 which is used as the indutry standard, as a result the capacities listed for our boats will often be lower than that quoted for competitors boats of the same size.

Canoes 2

Touring 15.75

Length 15.7 ft. 4.79 m
Beam 33 in. 84 cm.
Weight 60 lbs. 27 kg.
Maximum Capacity 860 lbs. 390 kg.
Hull Depth @ Bow 18.5 in. 47 cm.
Mid 14.5 in. 36 cm.
Stern 17.4 in. 44 cm.

One of the great things about building boats with cedar strips is the creative customization it allows builders to exercise during construction, taking advantage of differing wood types, inlays and graphics allows the builder to build a boat that truly reflects their personality.

Blackwater 16

Length 16 ft. 4.88m
Beam @ Deck 34 3/8in. 87.3 cm.
Beam @ WL 31 3/4 in. 81 cm.
Bow & Stern Height 26 1/8 in. 66.4 cm.
Mid Depth 14 3/4 in. 37.5 cm.
Capacity @ 4 in. WL 372 lbs. 168 kg.
Maximum Rec. Capacity 862 lbs. 391 kg.

The Blackwater 16 has been designed based on unique criteria, the primary driver being the logo of the Blackwater Coffee Company as it is intended for use for promotional purposes. The second source of inpiration has been the Ojibwe longnosecanoes as found in the book ‘The Bark Canoes and Skin Canoes of North America’.

Vuntut Pack Canoes

These epoxy/strip solo canoes are designed to be propelled with a kayak paddle, with the paddler seated low in the boat, the double paddle increases directional stability, helping fight the tendency of all short boats to spin around the force of each paddle stroke and increases stability as a result of lowering the paddlers centre of gravity. Being small and light makes them easily portable, a boat that lives up to its name, which means ‘among the lakes’ with its suitability as a boat for travel among your favourite lakes and streams.

Length 10 ft. 3.05m
Beam 24in. 61cm
Weight* 26lbs. 12 kg.
Displacement @ 2in. [50mm] 68lbs. 31kg
Displacement @ 3in. [75mm]124lbs. 56kg.
Recommended Max. Capacity 140lbs. 64kg.
Height a@: Bow 12.9in. 33cm
Mid 10.1in. 26cm
Stern 12in. 31cm

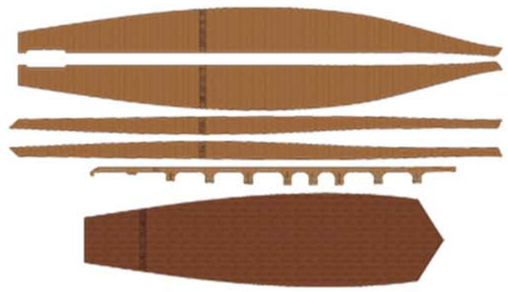
Length 12ft. 3.66m
Beam 25in. 64cm
Weight* 34.5lbs. 15.6kg.
Displacement @2 in. [50mm] 95lbs. 43kg.
Displacement@3in. [75mm] 163lbs. 74kg.
Displacement@4in. [100mm] 237lbs. 108kg.
Max. Recommended Capacity 245lbs. 110kg.
Height @ Bow 15.5in. 39cm
Mid 11in. 28cm.
Stern 14.375in. 37cm

Length 14ft. 4.26m
Beam 29in. 73cm
Beam at Sheer 27.4in. 70cm
Weight* 39lbs. 18kg.
Displacement @2in.[50mm] 109 lbs 49kg.
Displacement @3in. [75mm] 193lbs. 87kg.
Displacement @4in. [100mm] 284lbs. 129kg.
Max. Recommended Capacity 375lbs. 170kg.
Hull Depth @ Bow 18 in. 45cm
Mid 12.5in. 32cm
Stern 17in. 42cm.

* Weight of all craft will vary from boat to boat depending on materials and build.

It all begins with a kit.

Once you have your kit you need a flat surface on which to build, this is importantas it is used to align all the parts of the structure. With the table set up the parts that need to be joined are glued together.



These are the parts that are joined for the Sport 3.8, the number of pieces to be joined varies from board to board.

With the pieces joined the parts that make up the structure are assembled by slipping the slotted joints in the stucture together, once this is done they are checked for square and glued together.

A pair of simple jigs installed on each end of the table, these help align the hull and structure, and give the hull the designed amount of rocker.

The hull bottom panels are set into the jig in the location given in the plans, then the structure is set in place.

Now the stitching part of stitch and glue, the structure is wired to the hull, the hull sides and bottom are wired together.

This is followed by gluing everything together installing the forward structure and sealing the interior with epoxy.

Once the epoxy has cured the deck is installed.

The board is the sheathed and any decoration/ personalization added.

Finally finishes are applied and any hardware installed.

Please note that this is a simplification of the building process and the steps involved will vary from board to board.

Northern Light Paddleboards

The SUPs feaatured on this page are constructed using what we refer to as the eggcrate construction method, first assembled is the interior structure, each of the parts has been CNC cut, these pieces interlock forming a grid that ressembles an eggcrate. Once this is completed and glued together the panels that make up the hull are wrapped around the structure and glued in place, then the last couple pieces of structure are glued in place, the deck is glued on, sheathed in glass cloth/epoxy then finished.

Northern Light 10.5

Length 10 ft. 6 in. 3.2m
Width 30 in. 76 cm.
Board Depth 5.5” 14 cm.
Capacity Range 120 to 160 lbs. 54 to 72kg.
Weight* 32 pounds

Northern Light 12.5

Length 12 ft. 6 in. 3.8m.
Width 32in. 81cm.
Board Depth 6 in. 15 cm.
Capacity Range 160 to 200 lbs. 72 to 91 kg.
Weight* 39 lbs. 18 kg.

Northern Light 3.8 Sport

Length 3.8 m 12 ft. 6 in.
Width 74 cm. 29 in.
Board Depth 18.4 cm. 7.25”
Capacity Range 68 to 114 kg. 150 to 250 Lbs.
Weight 17 kg. 37 lbs.

* As with all boats in this booklet, weight will vary with the builder and materials

Expedition/Explorer/Excursion PaddleBoards

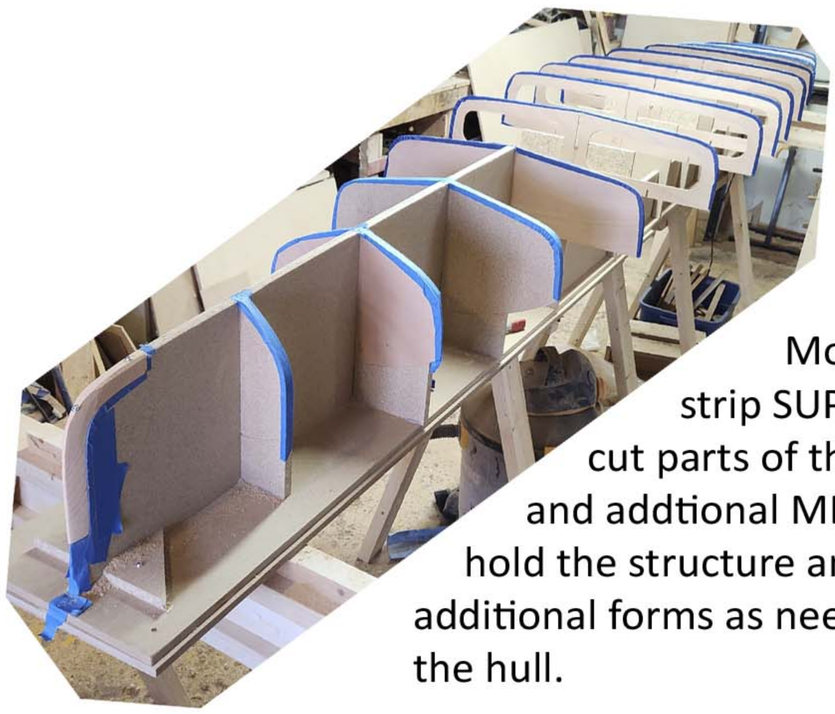
The next step in the expansion of our paddle board design offerings is the Expedition 14.5 designed to be constructed in cedar/epoxy over a mold with an eggcrate type of structure similar to the one used in the Northern Light boards. The kits are the most comprehensive that we have offered to date conatining not only the materials needed to build the board but also the mold system used to construct the hull, the mold and structure are all CNC cut.

These boards can be configured in a variety of ways for those looking to do some tripping it can be built with storage fore and aft, for day trippers they can have just forward hatches with no storage aft, and third they can be constructed more conventionaly without hatches.

Length 14.5 ft. 4.42m
Beam 31.5 in. 80 cm.
Board Depth 7 in. 17.75 cm.
Displacement @ Designed Waterline 3.5in./9cm.
300 lbs. 136 kg.
Maximum Recommended Capacity
425 lbs. 193 kg.

We are in the process of developing a 12.5 ft version of the board that will offer the same three options for the deck.

Rendering of Explorer model of the 14.5, the Excursion is the same as the above minus the forward hatches.



Mold system for strip SUPs made with CNC cut parts of the structure and addtional MDF CNC pieces to hold the structure and to add additional forms as needed to form the hull.

Sailing & Rowing

Rondane 8 & 12

Length 7 ft. 8 in. 2.35m
Beam 49 in. 1.24m.
Design Displacement 325 lbs. 147 kg.
Draft 5 in. 12.8 cm.
Draft CB 25 in. 64 m.
Sail Area 35 sq. ft. 3.25 sq. m.

Both of these boats are S&G construction the boats are shaped over jigs that use a combinationof the permanent framing, the transoms and temporary framing, kits can be purchased for a rowing version or a row/sail version.

The pram below is a larger version of the boat on the left side of the page, originally drawn for someone looking for a boat for their grandkids, unfortunately they did not pursue it to completion. at this point the drawings are complete and the cut files developed.

Length 12 ft. 3.66m
Beam 48 in. 1.22m
Sail Area 75 sq. ft. 6.97 m2
Designed Displacement 500 lbs. 226 kg.
Draft (hull) 6 in. 15 cm.
Draft (daggerboard) 28 in. 70 cm.
PPI 147 lbs. 67 kg.

Row & Sail # 2

Two new designs; one in plywood stitch &glue, the other in cedar strip epoxy.
The DRBi 454 is under construction and the first plan set for the Jolly 12 is in the builders hands.

DRBi 454
Length 15’ 9” 4.8m
LWL 14’ 10” 4.54m
Beam 34.5” 88 cm.
BWL 28” 71 cm.
Capacity 310 lbs. 140 kg.

The boat is modelled after a rowing Wherry and can be set up for either fixed or sliding seat rowing.

Jolly 12
Length 12 ft. 3.66 m.
Beam @ deck 3 ft. 7 1/2in. 1.11 m.
Beam @ WL 3 ft. 1.01 m.
Draft 5 in. 2.7 cm.
Draft DB down 32 in. 81 cm.
Sail Area 52 ft. sq. 4.83 m. sq.
Weight* Approx. 90 lbs. 41 kg.
Designed Capacity 500 lbs. 226 kg.
PPI 132 lbs. 60 kg.

* Weight will vary depending on the options builder chooses and due to the natural variations that are part of building in wood.

Sail & Row

Sailing/Rowing Skiff

Length 16’ 4.88m
LWL 15’ 10” 4.83m
Beam 43.5” 110 cm.
Designed Displacement 450 lbs. 204 kg.

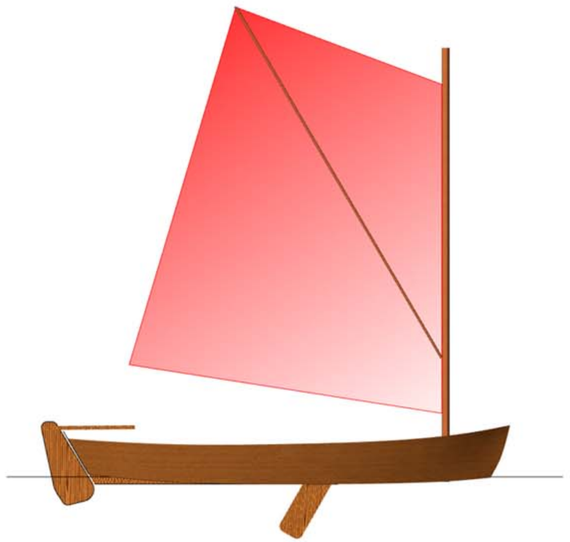
A cedar strip design that would be a great craft to have at the cottage or behind the house ready to go for fun times on the water.

Charley

LOA 18’ 5.48m
LWL 17.6’ 5.36m
Beam 40” 102 cm.
Draft 4.75” 12 cm.
Designed Displacement 525 lbs. 238 kg.

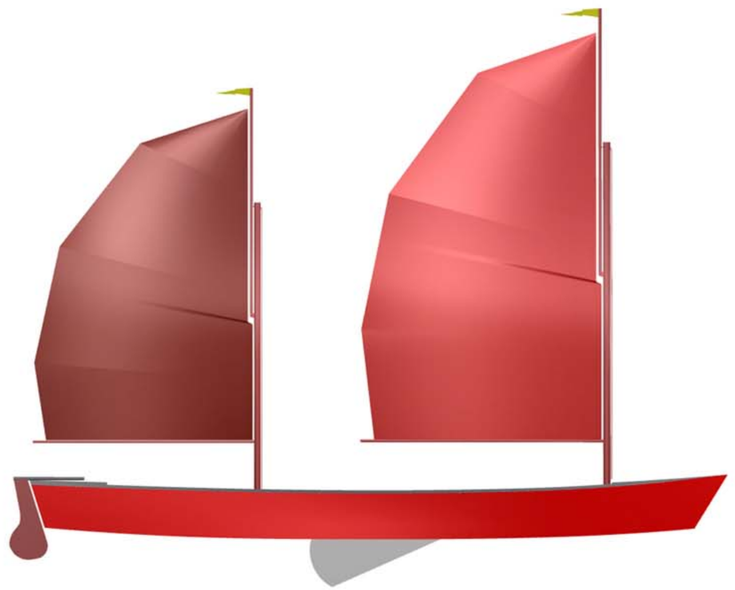
Designed to be built using the cedar strip/epoxy boat building method. This boat has storage compartments fore and aft to provide dry storage areas for those who would like to use the boat for tripping. The boat can be set up for fixed or sliding seat rowing.

More Sail



Length 12 ft. 3.66 m.
Beam 4 ft. 4 in. 1.33m
Displacement 300 lbs. 136 kg.
PPI 153 lbs. 69 kg.
Sail Area 70 sq. ft. 6.53 m. sq.

Preliminary sketch of a simple flat bottom sailing and rowing skiff.



Length 18 ft. 5.49m.
Beam 3 ft. 10 in. 1.17m
Displacement 600 lbs. 272 kg.

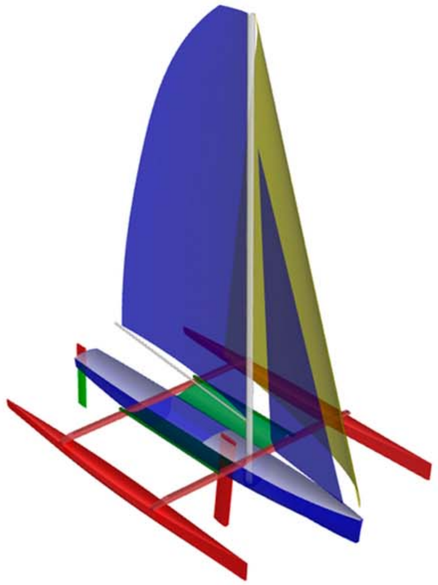
This sailing/rowing skiff was inspired by Pete Cullers Sharptown barge.

These are the last two sailing cartoons* included in this booklet, there are many boats of various types that reach this stage in the computer as inspiration is easier to come by than the time to finish them. We would like nothing better than the opportunity to complete them, all it takes is someone who is looking for a boat of that style.

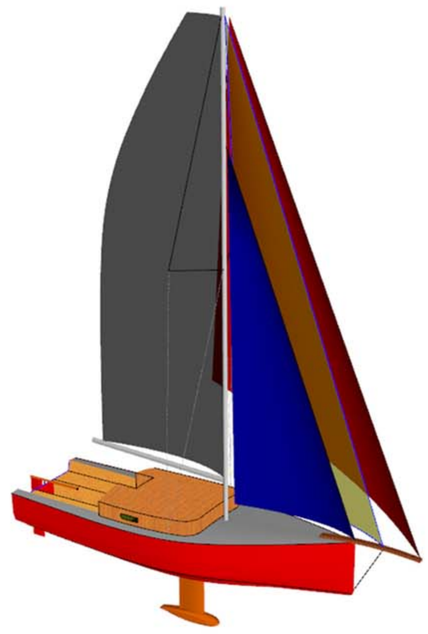
*Cartoons are designs that are in the early stages
while they have close to the final outward form that the final boat will have much of the design work is yet to be completed particularily the structural work to finally define the boats building methods.

Cyber Sailers

The boats here are in various ponts on the design spiral but to this point only exist in the computer, all three of these are well past the point of being only sketches. In the case of the 16 foot day sailer it reached the point were we had costed the CNC cutting, before the builder lost interest. Others, such as the little trimaran and the trailer sailer designs are boats I would like, but time has not allowed them to be pursued to completion. They are all designed for S&G construction



Length 18 ft. 5.49 m.
Beam 11.8 ft. 3.61m
Designed Displacement 700 lbs. 318 kg.
Sail Area Main& jib 154 ft.sq. 14.3 sq.m.
Reacher 105 ft.sq. 9.75 sq.m.

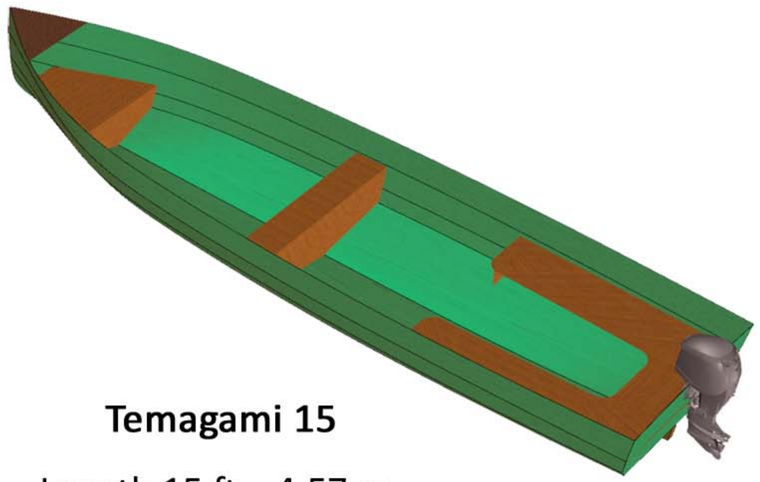


Shore Bird
Length 24 ft. 7.3 m.
Length w/sprit 28.75 ft. 8.76 m.
Beam 8 ft. 2.44m
Displacement 4,000 lbs. 1815kg.

Length 16 ft. 4.88 m.
LWL 15 ft. 9 in. 4.8 m.
Beam 5 ft. 1.75 m.
Sail Area 144 ft. sq.13.4 m sq.
Displacement 620 lbs. 280 kg.

Specifications subject to change as the boats are developed.

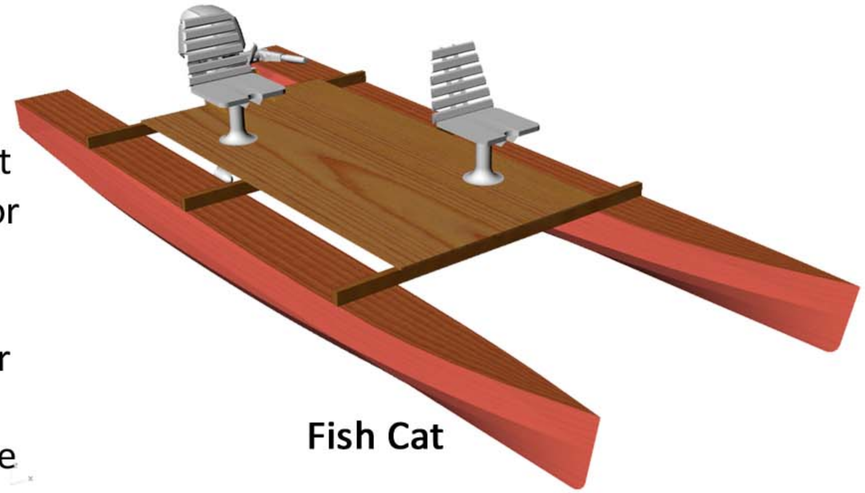
Power



Temagami 15

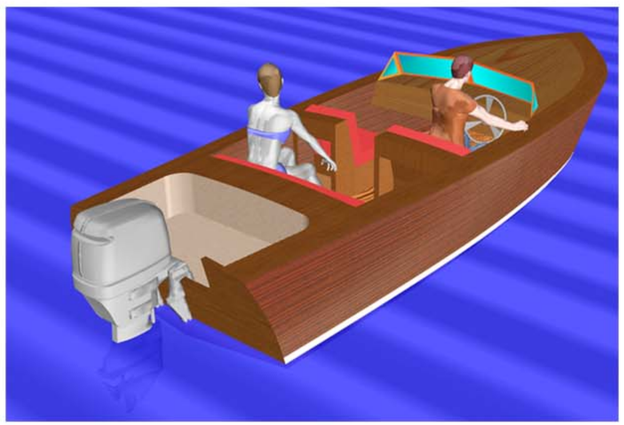
Length 15 ft. 4.57 m.
Beam 3 ft. 8in. 1.11 m.
Capacity 700 lbs. 317 kg.

Presented here are a variety of powered craft we have drawn , the Temagami was drawn for a friend who liked to fish that region of the province. The cats have been drawn in response to the fact that some of the newer model fishing kayaks are losing the portability and agility that kayaks have as one of their purposes. Rather than sitting in a heavy, plastic sit on top kayak with water slopping about in it, why not a more stable, drier, faster platform that will require a similar small trailer. The runabout featured was drawn simply for the fun of drawing a boat in that style. As with any boat and in particular those that do not have the design work completed specifications are subject to change.



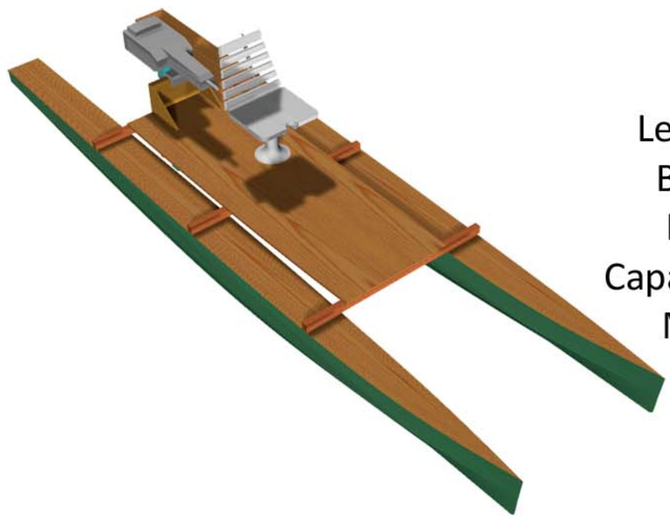
Fish Cat

Length 15 ft. 10 in. 4.83 m.
Beam 6 ft. 3 in. 1.91m
Draft 8 in. 20 cm.
Capacity 725 lbs. 330 kg.
Max. hp. 10 7.46 Kw.
Speed Estimate
12 knots 20 kmh
Capacity 3



M18 Preliminary Design Details

Length 18 ft. 5.48 m.
Beam 6.52 ft. 1.99 m.
Draft 9.25” 23.5 cm.
Displacement 2200 lbs. 997 kg.
Deadrise 10.5 degrees
HP 125 93 kw



Solo Cat

Length 15 ft. 4.57 m.
Beam 4 ft. 1.22 m.
Draft 5 in. 13 cm.
Capacity 372 lbs. 169 kg.
Max. hp 5 3.8 Kw
Speed Estimate
6 knots 11 kmh.
Capacity 2

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