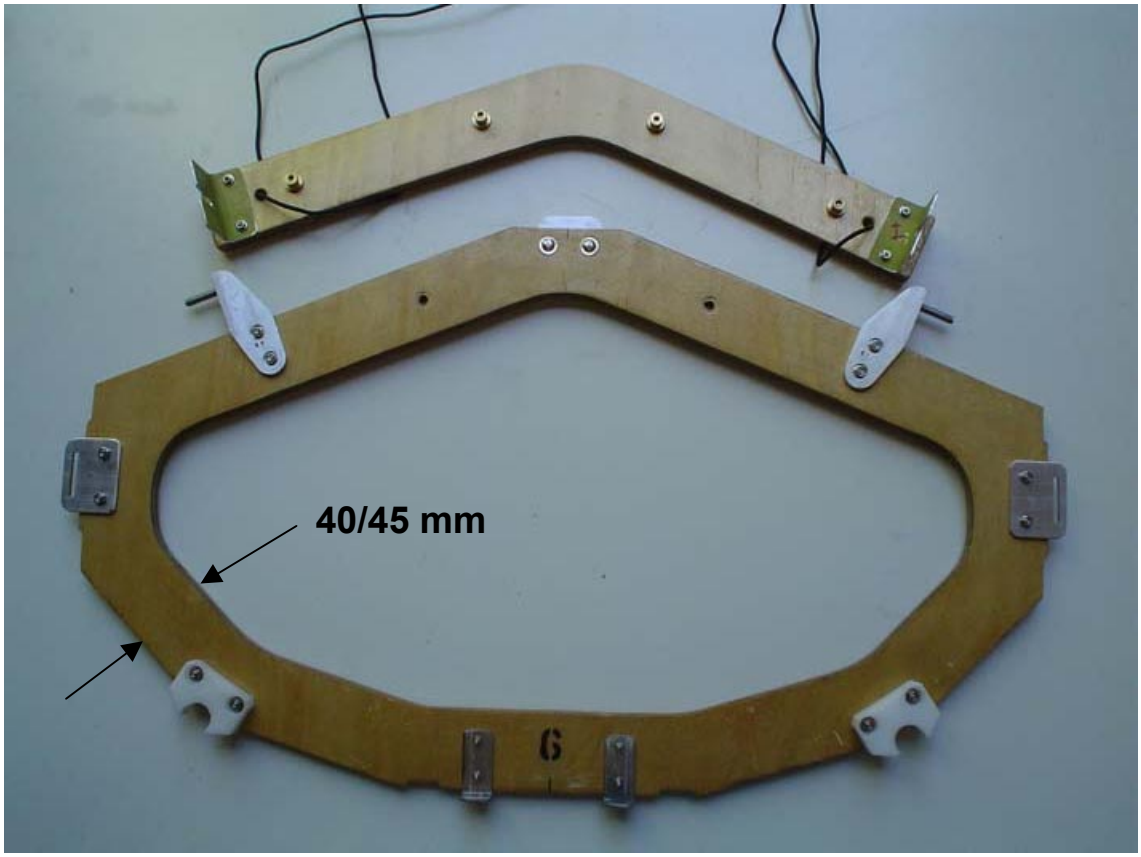
RIBS CONSTRUCTION DATA

Material: Marine grade plywood 1/2" thick.
Table I shows the coordinates of ribs. The inner trace is obtained tracing parallel lines to external trace, shifted about 40/45 mm. Connect straight lines with curves with adequate radius in the corners (and ends in the #3 and #5 ribs cases). Mark the vertical symmetry axis of each rib and maintain it for ever. Not erase it when sand as it will be necessary in the building process for alignment porpoises. The rib #4 is a particular case because it works as support of the rudder pedals.
Before to pierce the ribs, make the drawing of them in a piece of plywood slightly greater than the maximum dimensions of the rib to be pierced. As is very easy to do mistakes when drawing, is good practice to do a template drawing only a half of the rib in a piece of paper and then compare both halves using this template. Before pierce the ribs # 1 and # 7 drill a hole 3/4" diameter in the upper point (E). The part of this hole which remain after piercing will accommodate the deck stringer.
Others piercing will be necessary in several parts of some ribs in order to accommodate the hinges, but you will need to mark these piercing in your own frame, as is difficult to establish the exact position of them in advance.
When finished the ribs, sand and give at least three coats of marine varnish.
(Varnishing when all the boat construction work is finished may be more convenient in order to preserve the varnish from scratches and marks).



Example: This pic shows rib # 6 and the "boomerang" The chines connectors are made with 1/2" thick HDPE

BOW AND STERN CONSTRUCTION DATA

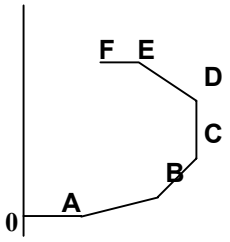
Material: Marine grade plywood 1/2" thick. The bow and stern shapes are not critical and you can play with the drawing of these items. The main measures of both are depicted in the following pictures.

"VICTORIA PATAGONICA" FOLDING DOUBLE

Rib Coordinates

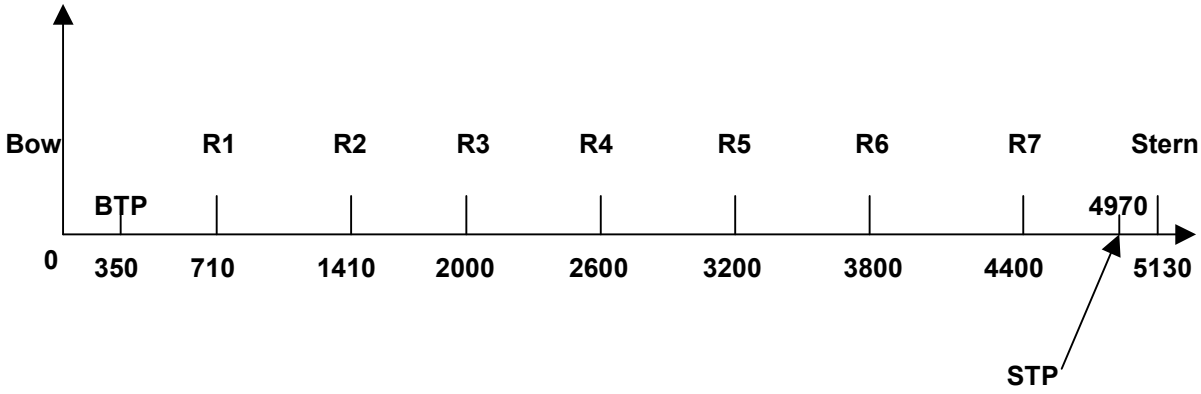
	R1		R2		R3		R4		R5		R6		R7	
	w	h	w	h	w	h	w	h	w	h	w	h	w	h
A	50	0	90	0	90	0	90	0	90	0	90	0	60	0
B	105	40	184	40	238	40	256	40	256	40	225	40	130	40
C	158	160	284	155	342	150	360	145	355	140	320	135	190	130
D	158	280	284	275	342	270	360	265	355	260	320	255	190	250
E	0	355	0	410	250	350	275	324	270	310	36	370	0	315
F	-	-	-	-	230	350	255	324	250	310	0	370	-	-

Measures in millimeter w = wide h = height



Longitudinal measures in millimeters.

Lateral view. The keel is straight (plane)
The curve of bow has 350 mm of radius.
The curve of stern has 160 mm of radius.



BTP = Bow tangential point.
STP = Stern tangential point.