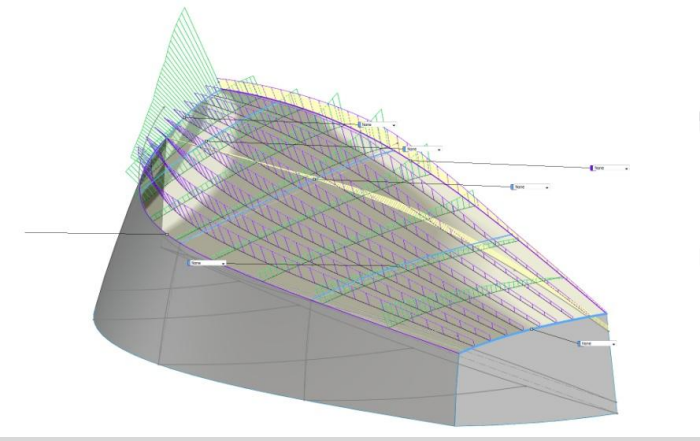
# OK DINGHY SOTA KITSET

**NEW SOTA** design 2014 The Concept of the kitset is to bring the class affordable and 100 % competitive kitset in line with the original thoughts of Knud Olsen about building a boat yourself for a low cost. Today's building methods make it very easy for everybody to build his own competitive and long lasting OK dinghy. During the last 5 years culminated wining the Europeans championship 2013 at Carnac it has been proven that the wooden boats are as fast as the fiber boats. The Carnac Europeans was great for the SOTA design as the wooden boat won and the fiberglass version got second. The wooden version was used as the plough to the mould for the fiberglass boats. The winning design and concept is now available in a new and optimized version. The last edition of SOTA was a kitset of plywood which contained 88 parts of router cut parts in plywood. The New SOTA 2014 version this is reduced to 36 parts which simplified the assembling and time consuming by over 40 %.


**Design** wise the new version is optimized for earlier and faster downwind performances. One of the most significant changes is the drastic reduction of parts together with the centerboard case of fiber and mast step. Those areas were previously the Achilles heel of wooden boats



**Building process**: some of the improvements is the centerboard case, mast step in deck and bottom is made of fiber/epoxy. Those areas were previously the Achilles heel of wooden boats. Together with the modern days epoxy gluing techniques, makes it possible to build a lasting and competitive OK-Dinghy in wood in line with the original thoughts of the class.

The boat is assembled in a gig (Female Mould) which make is very easy to set up the boat within very small tolerances. This allows the design process an accurate optimization according to the class rules.

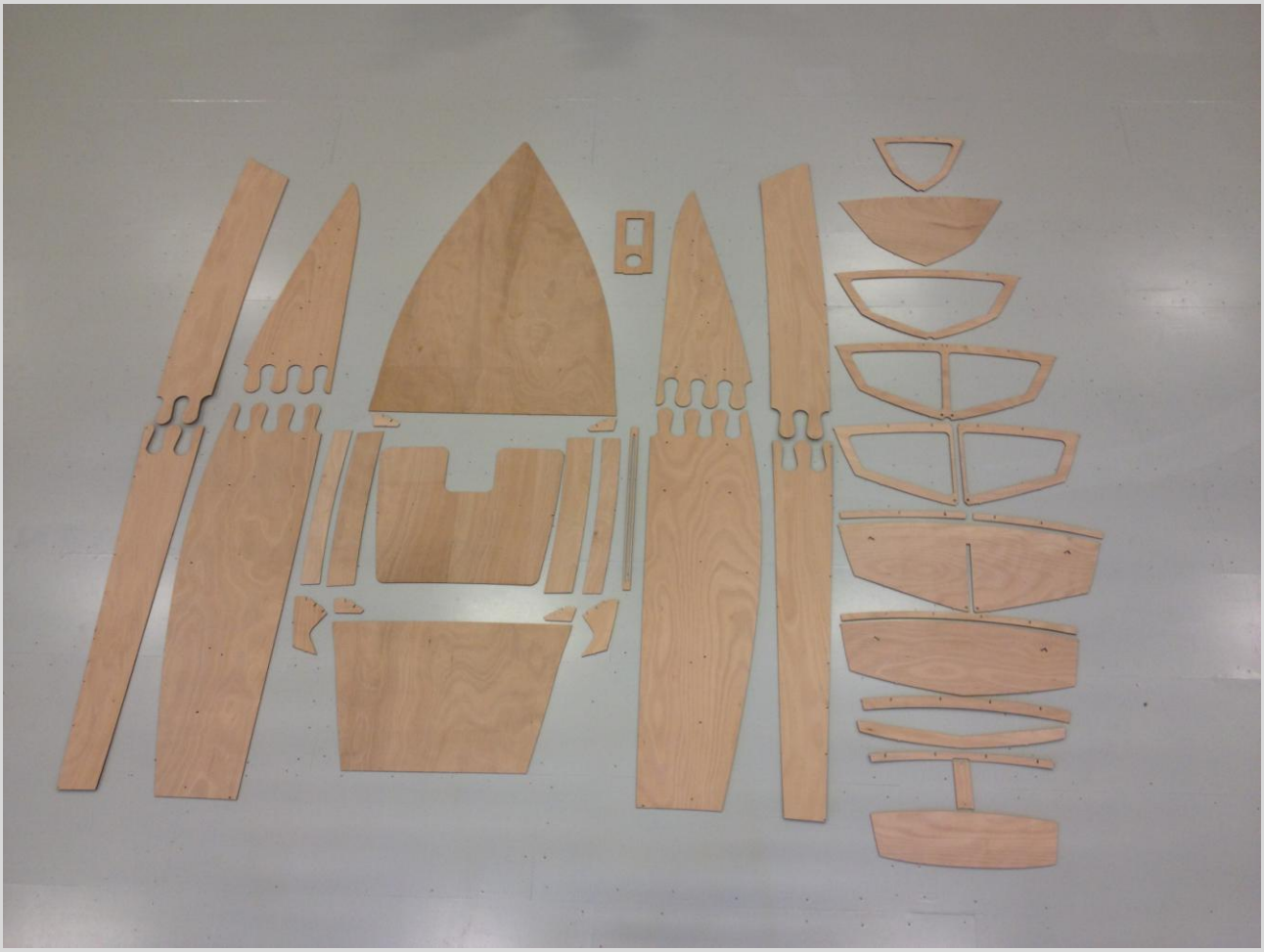
You can get the boat as a complete self-build set. Then you get all parts and a gig to assemble the boat in. Doing it this way will make more sense to be 2-4 person building together as the cost for the gig will be reduced.

The kitset can be order in different versions

Kit set + gig (without glue/buoyancy)

Hull assembled, without deck and hiking deck assembled (inclusive)

Hull and deck wood finished assembled.



**History**: The building process in a gig with precut parts is first described in article from 1963 by Richard Creagh-Osborne. Sten Waldö introduced this building process in 1965 to Scandinavia. Since then there has been done other kitset e.g. in Australia and New Zealand This process was refined in Denmark 2005 by Jan Pedersen who used modern technology to cut the parts. In 2010 Christian Hedlund joined the design process and made a new design. In 2011 Christian Hedlund redesigned the shape once more and the first SOTA Design was a reality. In 2014 Christian optimized and redid the design for the new SOTA 2014 version.