

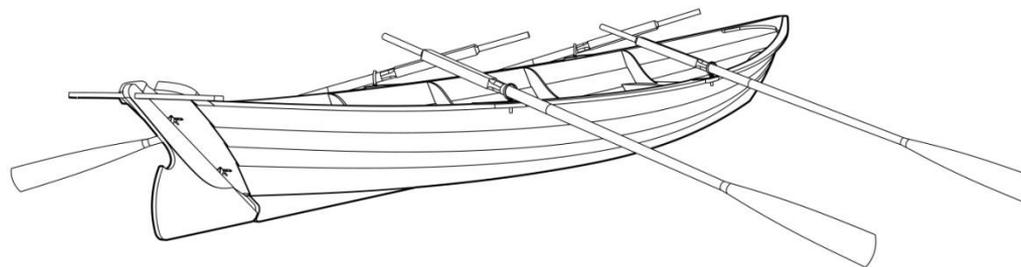
April 26-29, 2017

Chesapeake Bay  
Maritime Museum  
St. Michaels, Md.



# ***Scaling Up Stitch-and-Glue ...and Scaling Back Cost and Complexity***

## ***Chesapeake Light Craft's Team Dory and Whitby Gig***





# ***“Team Dory”***

**Length: 23’9”**

**Beam: 56”**

**Weight: 210lbs**

**Max Payload: 1000lbs**

**Complete Kit: \$3199**



# Teaching With Small Boats Alliance Conference 2017

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# The Challenge:

An elegant, capable, and durable  
coxed four  
that can be assembled  
*in ONE WEEK*



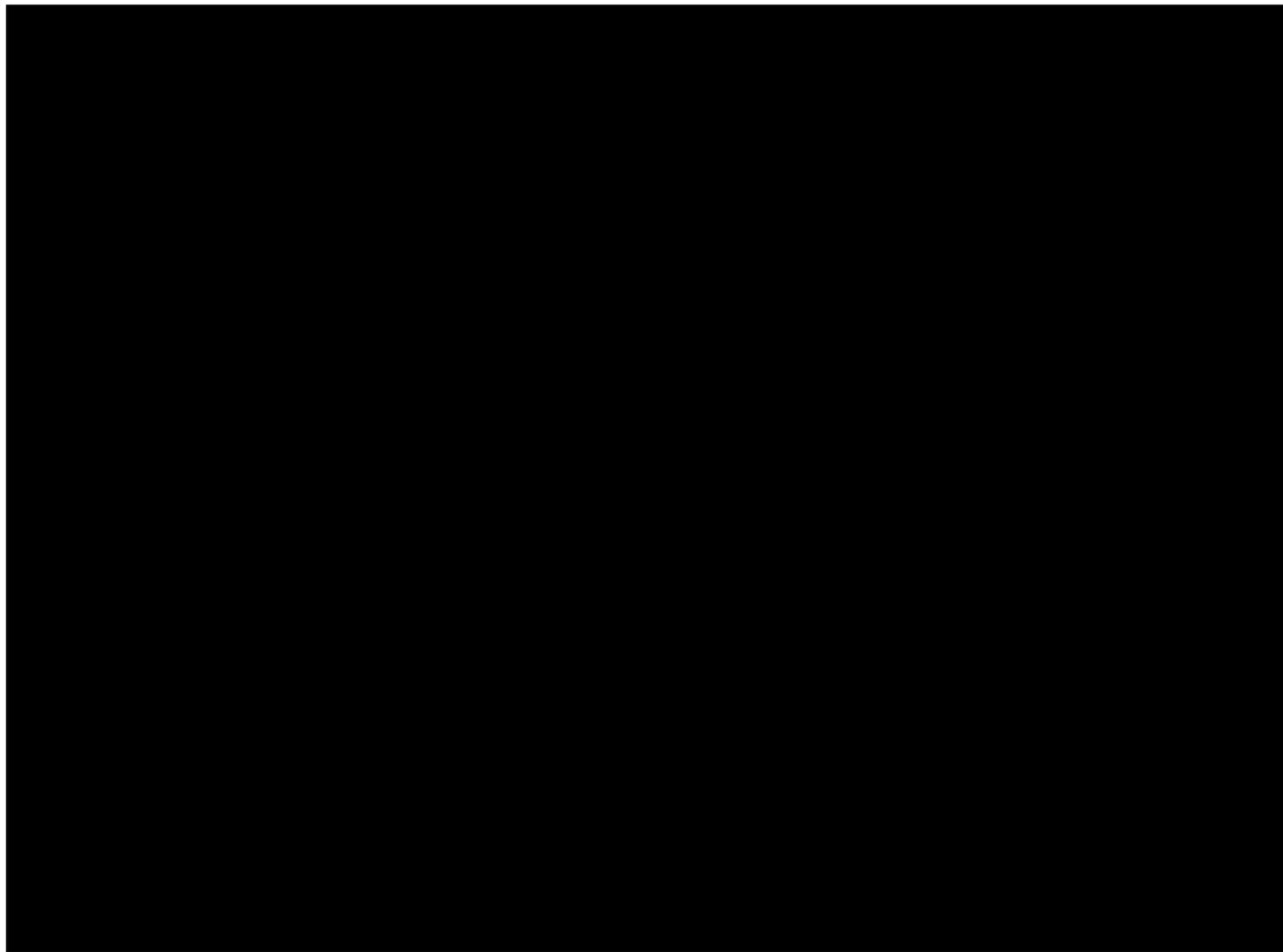
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## Assembling Team Dory #1 in Five Days



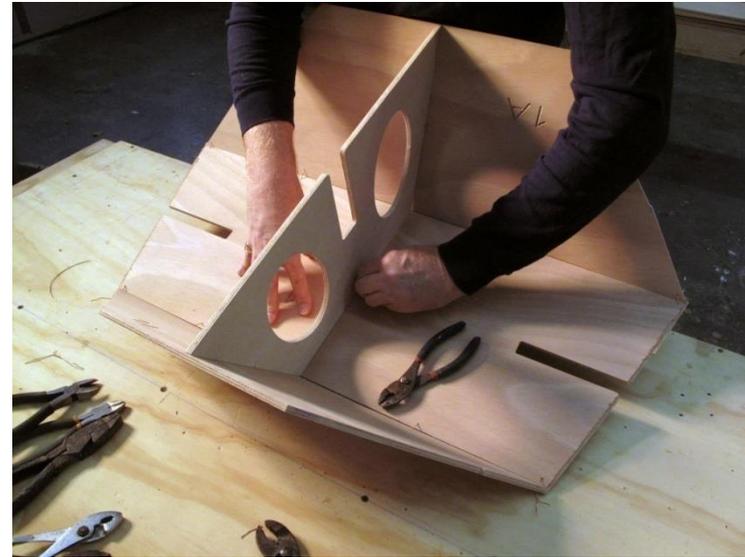
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# Why build a Team Dory?

- ❑ **Rapid, inexpensive assembly from a CNC-cut kit, suitable for amateurs and basic shops**





# Why build a Team Dory?

- ❑ **Build the hull in a week. Finish it in a couple more.**





# Why build a Team Dory?

- ❑ **Durable epoxy-composite construction is ideal for clubs and training, and light enough for four to carry**





# Why build a Team Dory?

- ❑ **Four + Cox is a perfect size for youth training or club racing**





# Why build a Team Dory?

- ❑ They stack, just like Banks dories!





# Why build a Team Dory?

- ❑ **Integral positive flotation combined with a sea-kindly hull**



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# ***“Whitby Gig”***

**Length: 32’**

**Beam: 58”**

**Weight: 725lbs**

**Max Payload: 1600lbs**

**Kits from \$3500**



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# The Challenge:

## Design a quick-building stitch-and-glue Cornish pilot gig that adheres to class rules and may race alongside traditional gigs in the UK.





# Why build a Whitby Gig?

- ❑ **The first one was completed by amateurs in just four weeks**





# Why build a Whitby Gig?

- q **Real performance at a fraction of the cost.**
  - **Speeds of 10 knots have been clocked.**
  - **The first Whitby Gig won the 20-mile New Waterloo Dispatch Race.**
  - **Placed third of 43 pilot gigs to finish the Great River Race in 2016.**





# Why build a Whitby Gig?

- ❑ Faithful pilot gig appearance but no extravagant craftsmanship required





# Why build a Whitby Gig?

- ❑ **A club could build and launch a half-dozen of them in the time it takes to build two traditional pilot gigs**





# Why build a Whitby Gig?

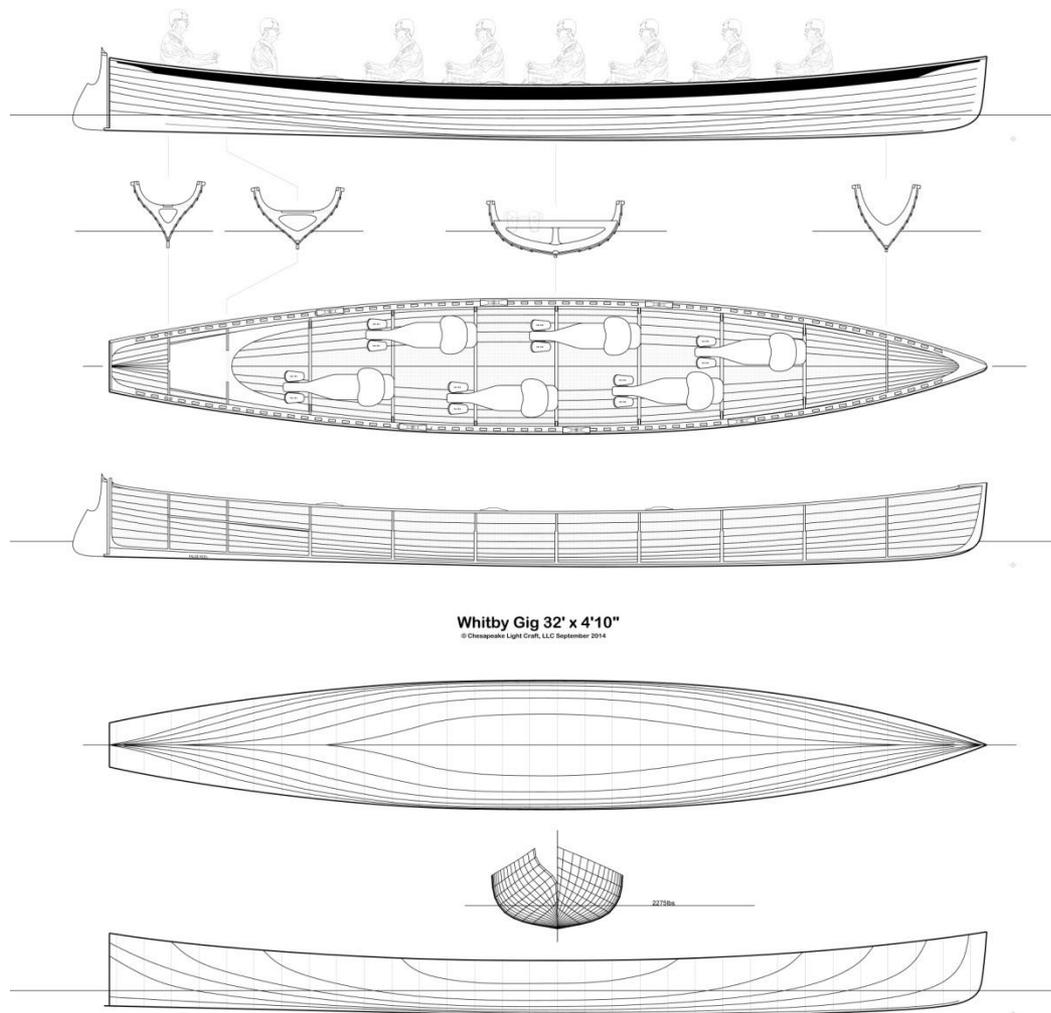
q **No compromise in performance**

<https://www.youtube.com/watch?v=qxa6Y3vjaDE>



# The Whitby Pilot Gig

by  
Chesapeake Light Craft



Whitby Gig 32' x 4'10"  
© Chesapeake Light Craft, LLC September 2014