



## Construction RV *Adriaen Coenen*



### Progress report #16: June 2022

The RV *Adriaen Coenen* is a new shipbuilding project for the Dutch national research fleet. The fleet is owned and operated by the National Marine Facilities (NMF), a department of the Royal Netherlands Institute for Sea Research (NIOZ). The NMF fleet consists of three vessels capable of conducting research from the shallow coastal waters out into the open ocean.

The RV *Adriaen Coenen* is intended to replace the Wadden Sea research vessel RV *Stern*, and with its shallow draught of 0.85 meter it is specifically designed for day trips for research in the Wadden Sea or the Zeeland delta.

With a permanent crew of one, the RV *Adriaen Coenen* will offer state-of-the-art daytime facilities for a maximum of 12 passengers, and is equipped with rudimentary dry and wet lab facilities. The deck will also facilitate all of the research activities that an A- and a J-frame can offer.

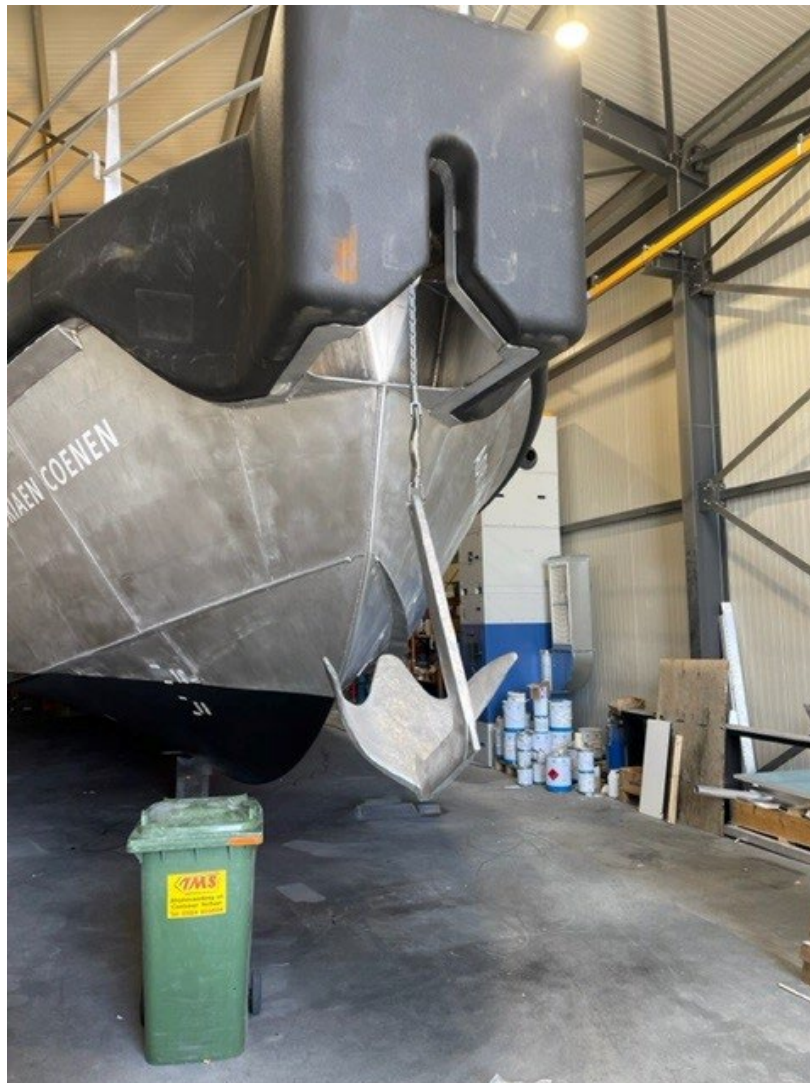
The RV *Adriaen Coenen* is being built by Next Generation Shipyards in Lauwersoog, and will be completed in late July 2022.

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### Preparing for christening

Every effort is being made to install the technical installations, including the propulsion, by late June so that the RV *Adriaen Coenen* can be launched for its shakedown voyage.



*State of affairs in mid-June Preparations for the launch. The vessel's name has been applied to the hull and the anchor and chain have been installed. ©FH*

The portholes were manufactured in Turkey, and although there was some concern as to whether they would be delivered in time, they have since been received and installed.



*The crate with the eagerly awaited portholes.*

Amid all of the technicians connecting the systems on board, workers are also busy finishing the interior carpentry. The wet and dry labs are now complete, as is the framing for the forecastle and wheelhouse.



The carpentry seating (top) and dry lab (bottom) in the wheelhouse. ©FH

All of the operating controls come together in the wheelhouse console. This is where the wiring for the technical installations is joined to the controls. The workers have been working overtime to get everything finished on time.

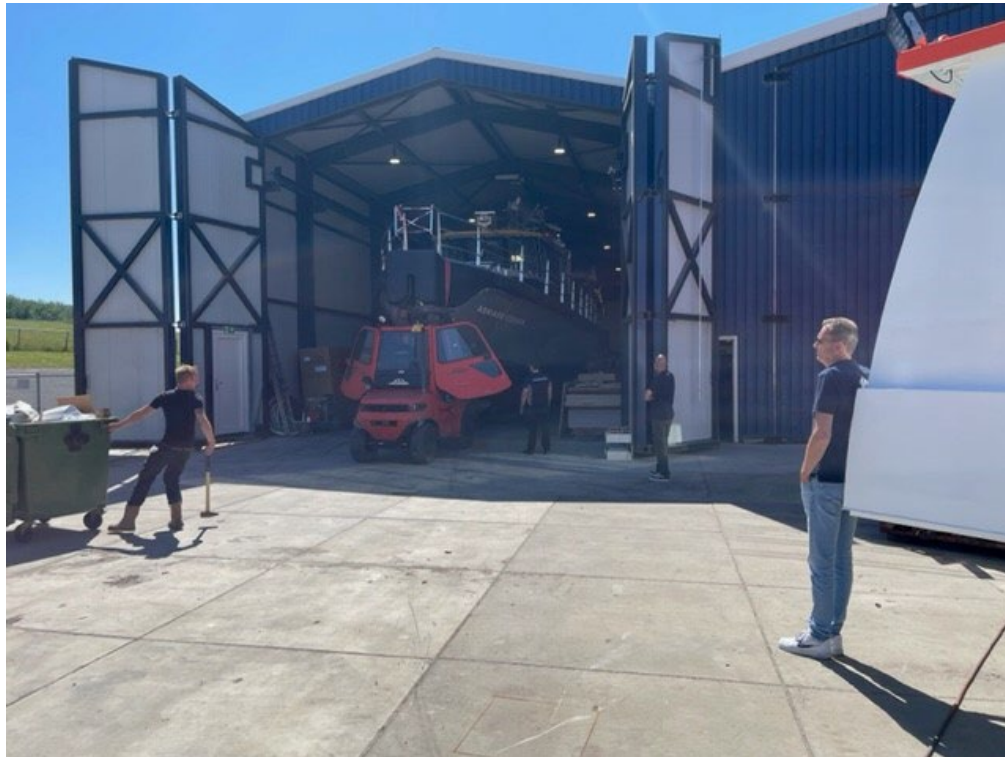


*The wheelhouse console remains a nest of open wiring until the very end.*

This does present some obstacles to finishing the carpentry work, however.

For example: the ceilings can only be installed once the wiring has been laid and inspected.

By mid-June, the RV *Adriaen Coenen* will finally leave the workshop to be launched and to test the technical installations.



*RV Adriaen Coenen leaves the workshop to be launched.*

After the vessel leaves the NGS workshop, a mobile crane will lift it into the water.

Tests and shakedown cruises are scheduled for late June to prepare for the christening in July.

NGS expects to be able to finish all of the work on schedule.



*RV Adriaen Coenen finally in the water on 22 June 2022.*

For more information, please visit: [www.NewResearchFleet.nl](http://www.NewResearchFleet.nl).

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