



Construction RV *Adriaen Coenen*



Progress Report #4: June 2021

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 1 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 facilitates all of the research activities that an A- and a J-frame can offer.

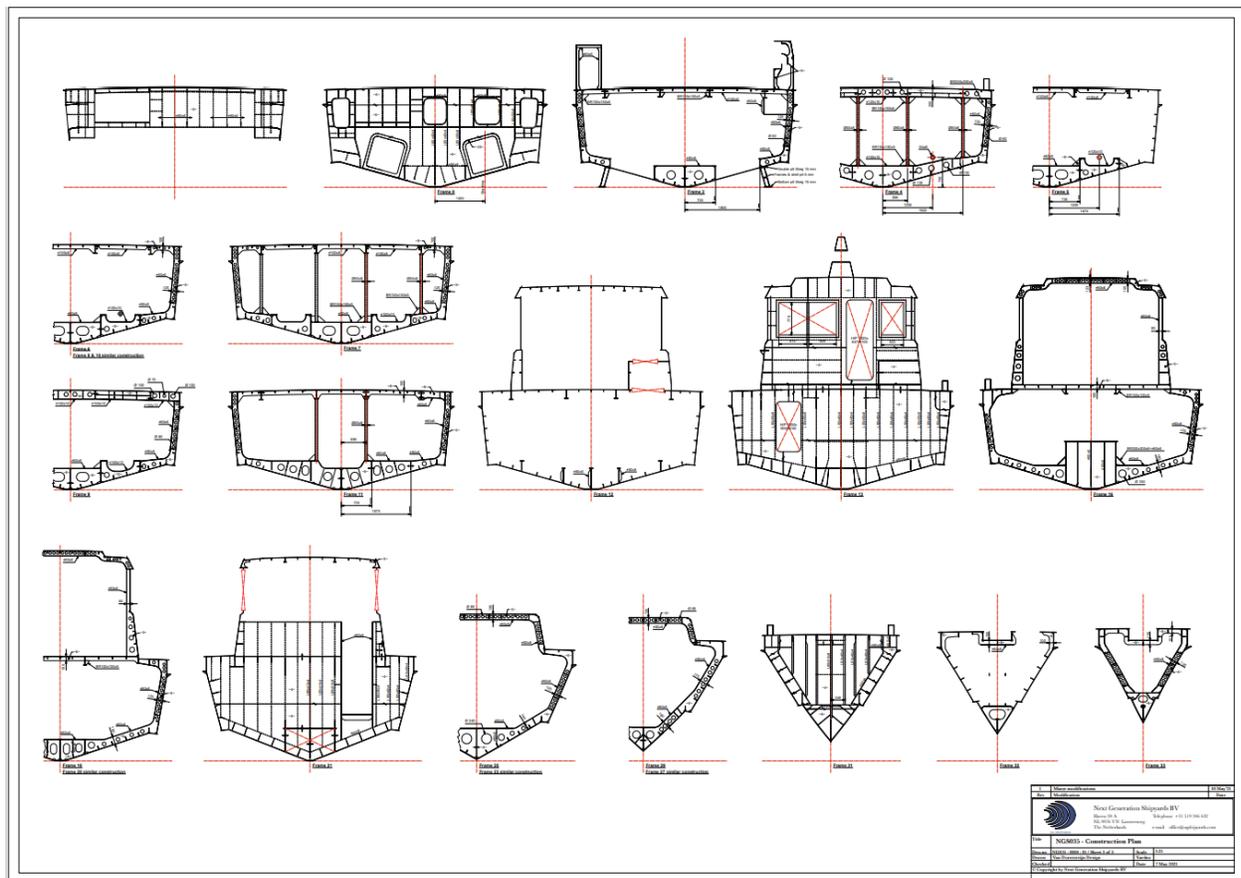
The RV *Adriaen Coenen* is being built by Next Generation Shipyards in Lauwersoog, and will be completed in May 2022.

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Starting the build

Next Generation Shipyards has concluded the final building plan for the hull and digitally forwarded it to Snijtechniek Brabant in Raamsdonkveer. Snijtechniek Brabant reads in the information and manufactures all parts as a custom-made kit with its own milling and forming machine park of no less than 10,000 square meters.



Cross section of the building plan for RV Adriaen Coenen ©NGS

At the end of June, Snijbedrijf Brabant delivered the package of aluminium hull parts to NGS. Each part has a unique QR code and also contains all information about its position in the structure and seams to be welded.

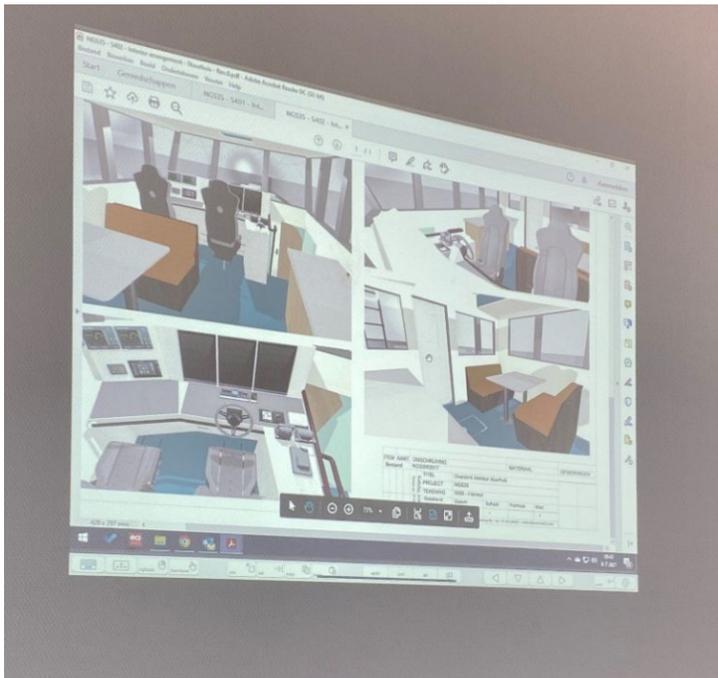


The first aluminium for RV Adriaen Coenen, currently still individual parts, soon a hull

Last month a pre-selection was made for the supplier of the communication equipment. A choice will be made between the remaining two bids soon. An important issue is the details of the electrical installation; they have almost been finalized so that they can be submitted for approval. In the meantime, the NIOZ has approved the purchase of the engines and jets based on the specifications submitted.

Interior styling

It was decided to use the same styling for all three new boats to be built for the NIOZ-NMF fleet, both for the exterior and interior. This corporate styling has been designed by C-Job. For RV *Adriaen Coenen*, C-Job limited itself to the exterior, and NGS had the task of further detailing the styling of the interior within the chosen colour palette. The photo at the top shows the C-Job designed NIOZ-NMF corporate identity applied to RV *Adriaen Coenen*.



An option for the interior styling of RV Adriaen Coenen as presented by NGS

NGS has provided the initial styling for the interior, with a choice of several colour combinations. NIOZ will make a choice from these based on internal consultation.

More information can also be found at: www.NewResearchFleet.nl

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