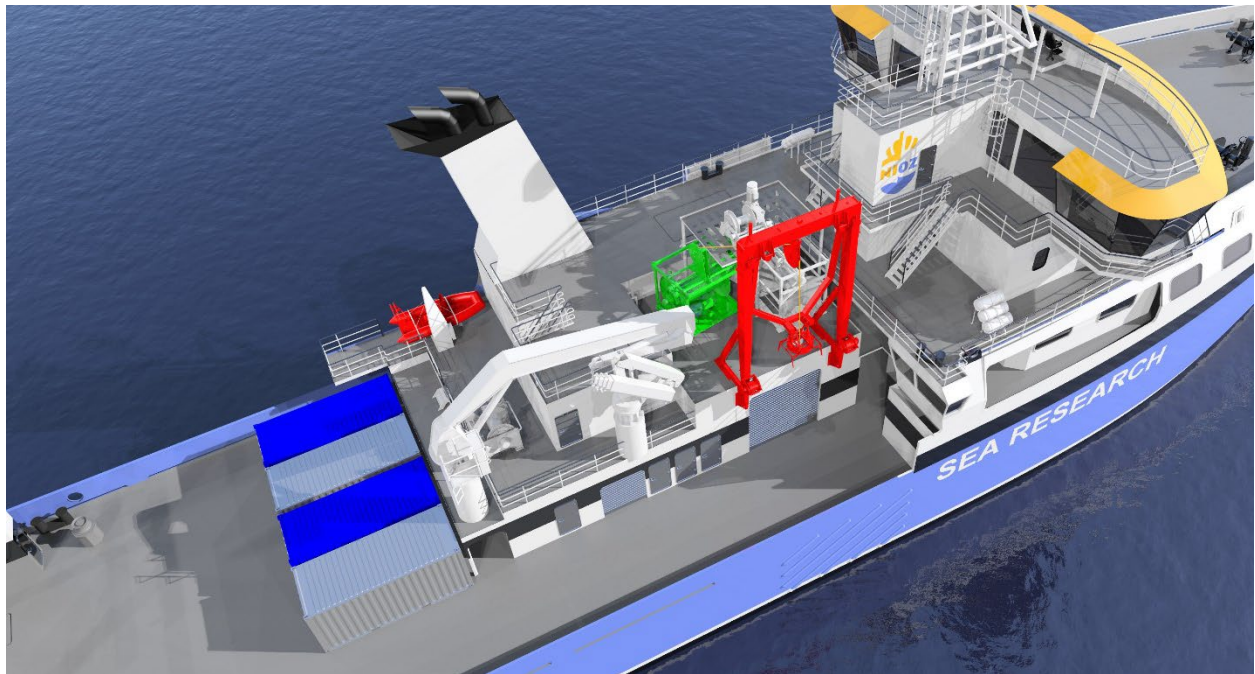


## Construction RV *Anna Weber-van Bosse*



**Progress report #15: May 2024**

## INTRODUCTION

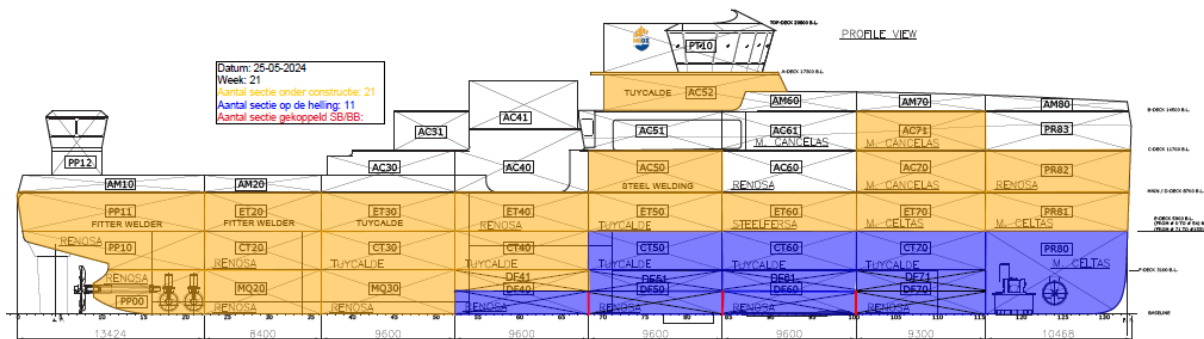
When it is complete, the RV Anna Weber-van Bosse will serve as the ocean-going research vessel for the Netherlands' national research fleet. The fleet is owned and operated by the National Marine Facilities (NMF), a department of the Royal Netherlands Institute for Sea Research (NIOZ). The NMF fleet consists of three vessels capable of conducting research from the shallow coastal waters out into the open ocean. The Anna Weber-van Bosse will be built by Astilleros Armon in Vigo, Spain as hull number 147. Delivery is scheduled for late 2025.

## A LOOK BACK OVER THE PAST MONTH

In the week of 6 May, a team from the NIOZ visited the yard again for the scheduled six-week meeting. During the meeting, the team invested considerable time in a visit to SOLEM and the inspection of the 690 Volt distribution board, which Ingeteam in Vigo has contracted out to Enemar. SOLEM is responsible for the electrical installation on board, and will supply all of the 400 Volt and 230 Volt breakers and distribution boxes. The team also conducted an inspection on board the Anna Weber van Bosse. A large number of hull sections are already in production, and the number of sections being joined to the hull is growing steadily.

## PROJECT STATUS

The shipyard is hard at work on manufacturing the sections, and the sections highlighted in yellow below are currently in production throughout the yard. Several sub-components of other sections are also in production at the moment. The sections highlighted in purple have largely been accepted by the NIOZ and placed on the slipway.

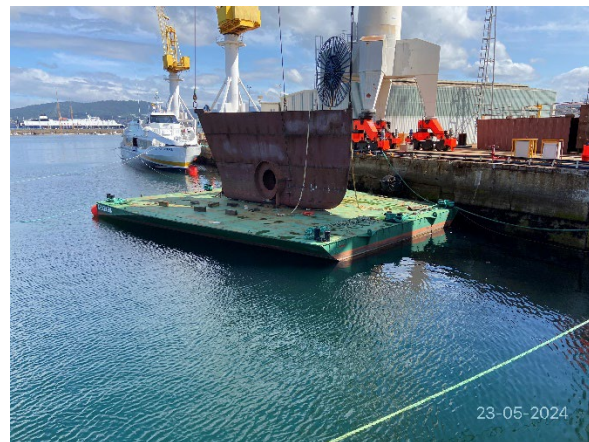


Four double-hull sections are now waiting on the slipway, and the sections DF70, DF60 and DF50 are being fitted with an extra deck. The 2nd layer, consisting of sections CT60 and CT70, have also been placed in their definitive positions in the production facility. Bow section PR80 is also in its definitive position. A total of 21 sections are currently under construction, and various components of other sections are in the pre-production phase.

The photos below show some of the sections currently under construction and a general overview of the production facility.



*ET30 engine room with ECR*



*PR80 on its way to join the rest of the hull*



*AC70 is 95% complete*



*PR00 with stern thrusters is 65% complete*



*Current status of the 3D model*

## SCHEDULE FOR THE MONTH AHEAD

Representatives from the NIOZ will visit the shipyard again in the second week of June. The team also plans on visiting the pipeworks in Vigo, which will build the stainless steel piping for the methanol system. These include both single- and double-wall pipes. The FAT for the motors and multidrives will take place in Bilbao and Ghent. We aim to meet with Kongsberg this month to discuss the navigation and communication scope, so that we can clear up any uncertainties about the scope, but also to attune the user philosophy with our preferences.

The number of visits and permanent staff will be expanded in the coming weeks and months. Starting in late June, we will have more people on location in Spain to support the inspector, who is already working there full-time.

For more information, please visit: <http://www.NewResearchFleet.nl>