

Construction RV *Anna Weber-van Bosse*



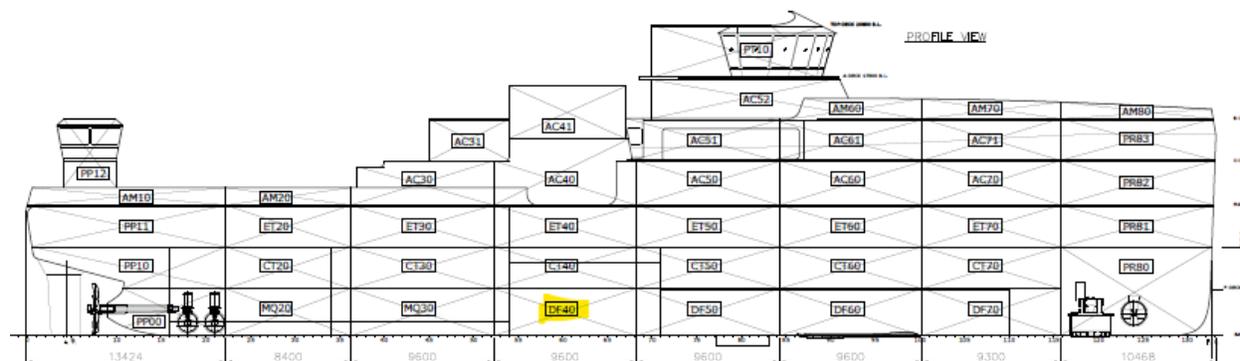
Update October 2023

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.

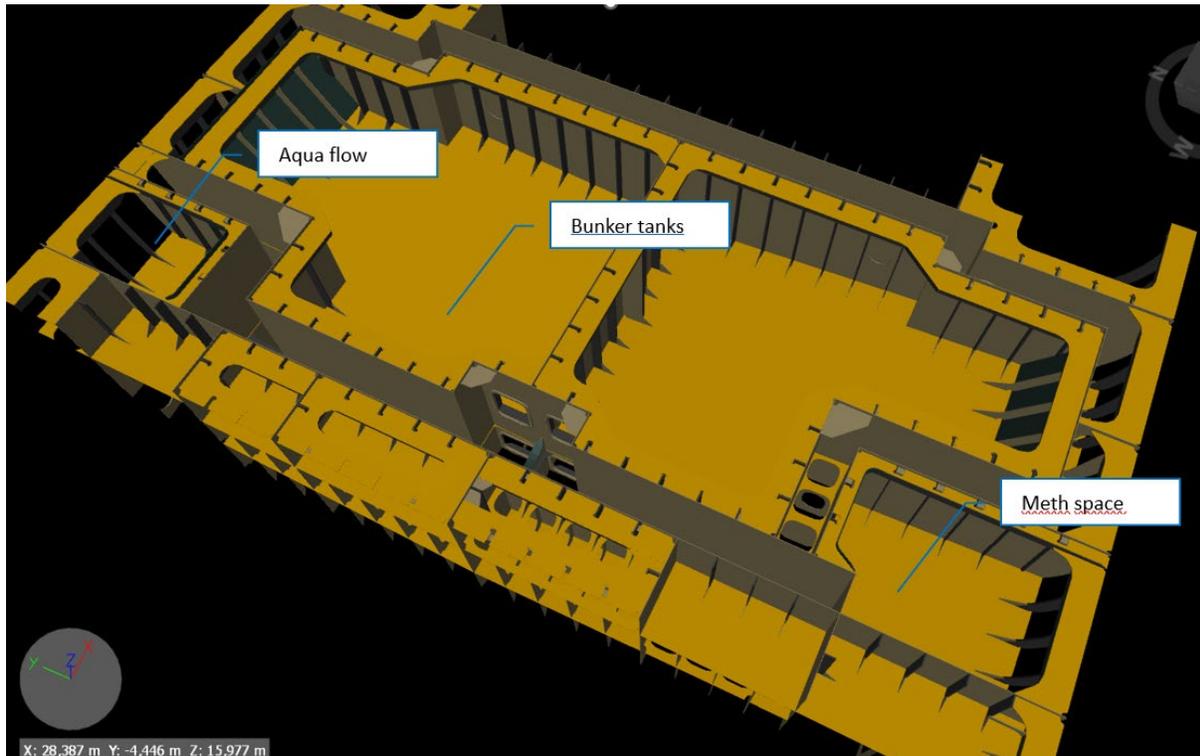
Last month we reported that the vessel is now officially under construction. The shipyard has started building the first section, and the moment was marked with an official celebration.

The yard will build the vessel's hull in sections, whose dimensions and weight will be determined based on the space available for construction and the lifting capacity of the production facility's cranes. Around 40 of these sections will be assembled in various locations at the shipyard. Once assembled, the sections will be transported to the assembly facility.



Section overview

The sections are joined together in the assembly facility to form the hull. The yard has started with the construction of a single section, but production will be expanded at a rapid pace. At peak production, the shipyard will be assembling 25 to 30 sections at the same time. The construction of the sections will take place from November 2023 to August 2024. In preparation for the assembly of the sections, 3D models of the sections were sent to the NIOZ for approval. The NIOZ examines the plans and offers feedback as needed. The shipyard started with section DF40 (shown above), and the section is shown in the photos elsewhere in the report.



Section DF40. Methanol preparation space, aquaflow room and the GO / Methanol bunkers

LAST PERIOD

Representatives from the NIOZ visited the shipyard in October for the normally scheduled meetings, but also to mark the official start of construction. During this visit, the team also stopped by the yard's steel cutting location in Jarrio to watch the first steel being cut for the vessel. The team also took the opportunity to inspect the procedures for ensuring traceability of the material, and found the procedures to be in order.

To mark [the official start of construction](#), the head of oceanographic research, Prof. Gert-Jan Reichart, and Captain Henk Oenema welded a holder for a special coin minted by the NIOZ onto the vessel's keel. Representatives from the shipyard, the NIOZ, and several members

of the European Marine Board also attended the coin welding ceremony.



Attendance at the start of construction ceremony



Visit to steel cutting location in Jarrío

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PROGRESS

The work at the shipyard is currently running according to schedule, and there is nothing exceptional to report at the moment.



The first section of the vessel in the production facility.

The keel laying ceremony is scheduled to take place in late December 2023, once 1% of the weight of the steel has been assembled.

More information can be found on the website: <http://www.NewResearchFleet.nl>