

Dr. Fridtjof Nansen Replacement – Building progress

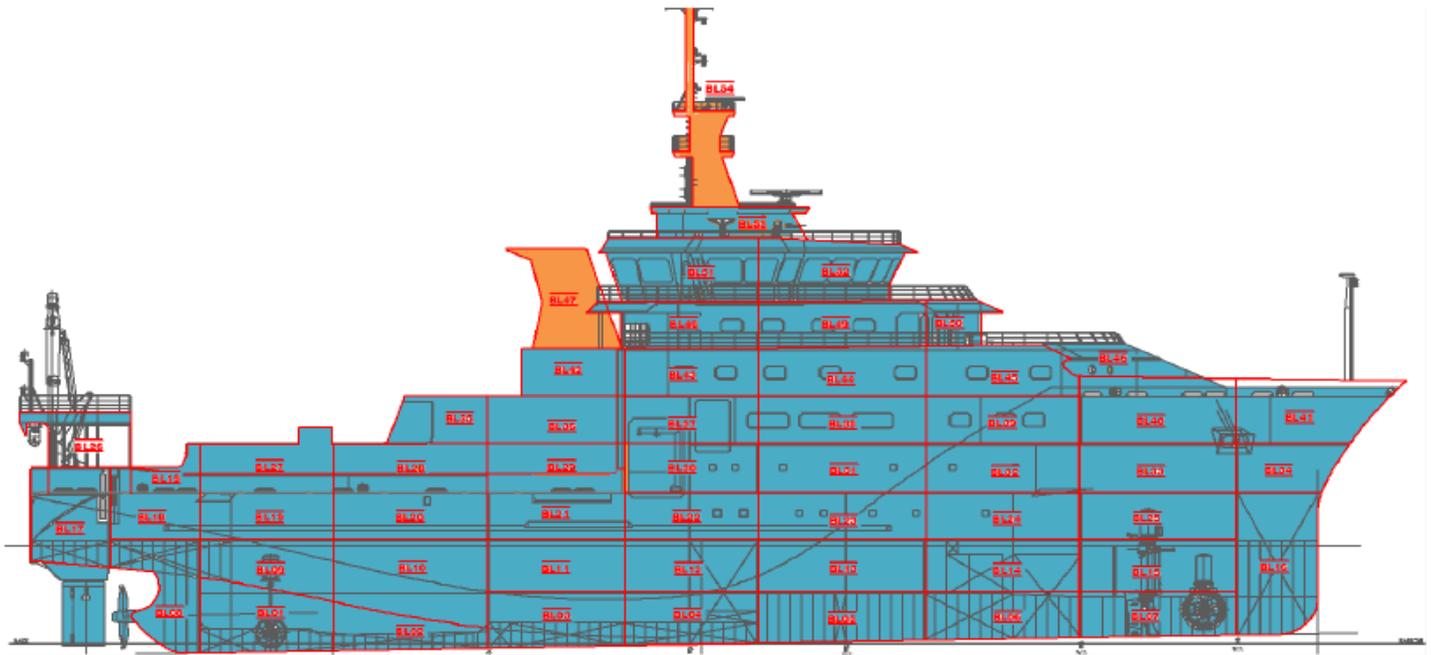
Update by 29th February 2016

First steel cut: 13.01.2015

Keel laying: 23.04.15

Launch of vessel: 23.12.15

-  Blocks ready to be placed on board
-  Blocks assembled



General comments:

- High activity in all areas on board – daily average 60-70 workers- working 10 hrs/day. Paint work in weekends. Late delivery of final detailed workshop drawings from AG tech. office still making some bottlenecks.

Status main activities – ref. MP4

- **Hull Construction:** Top Bridge deck (BL 53) on board week 5 - according to plan
External outfitting:
 - Railings, ladders etc. in good progress
 - Fwd & PS aft crane, CTD davit, Stern and Hangar A-frames installed.
- **Piping:**
 - Steel piping: Zone 400 (structural tanks etc) 95%
Zone 500 (Engine & aux rooms) 45%
Zone 700 (technical work areas) 20%
Zone 800 (Accommodation) 50%
 - Sanitary piping: 70% completion on Tween and Main deck - work is started on 1st and 2nd dk.
 - Water mist piping : Approx 50% completion on Lower T/D, Tween & Main dk
 - HVAC: started week 7: 15- 20 % installed on Tween and Main dk.
Some noncompliance pointed, but overall quality and workmanship for pipe work is good.
- **Propulsion and maneuvering:** Alignment and chock fastening of Gen sets completed. Alignment of AC motors started. Final installation of main switchboards in progress.
- **Scientific equipment and Labs:** All scientific winches and external handling frames installed.
Limited outfitting activity in laboratory areas by date.
- **Electrical: Cable trays and penetrations**
 - Engine areas below tween dk. : 90% completed
 - Accommodation areas on Tween dk, Main dk , 1st and 2nd dk are 90 % completed. Areas outside accommodation (Labs, techn. rooms, stores etc) on these decks are less than 30% completed.
 - Cabling work not yet started – now 3 weeks behind planned start up.
- **Accommodation:** Floating floor installation and insulation work on: Tween & main deck and store rooms ongoing, but final completion and good progress is prevented, due to incomplete pipework, other steel work etc.

Alongside outfitting berth



Aft Deck - View from wheelhouse



CTD frame installed



Aft A-frame installed



Main dk insulation and floating floor almost completed



HVAC piping started



Final mounting of Main switchboards



Pipework and equipment mounting progressing



Gen-sets aligned and chock fastened

