

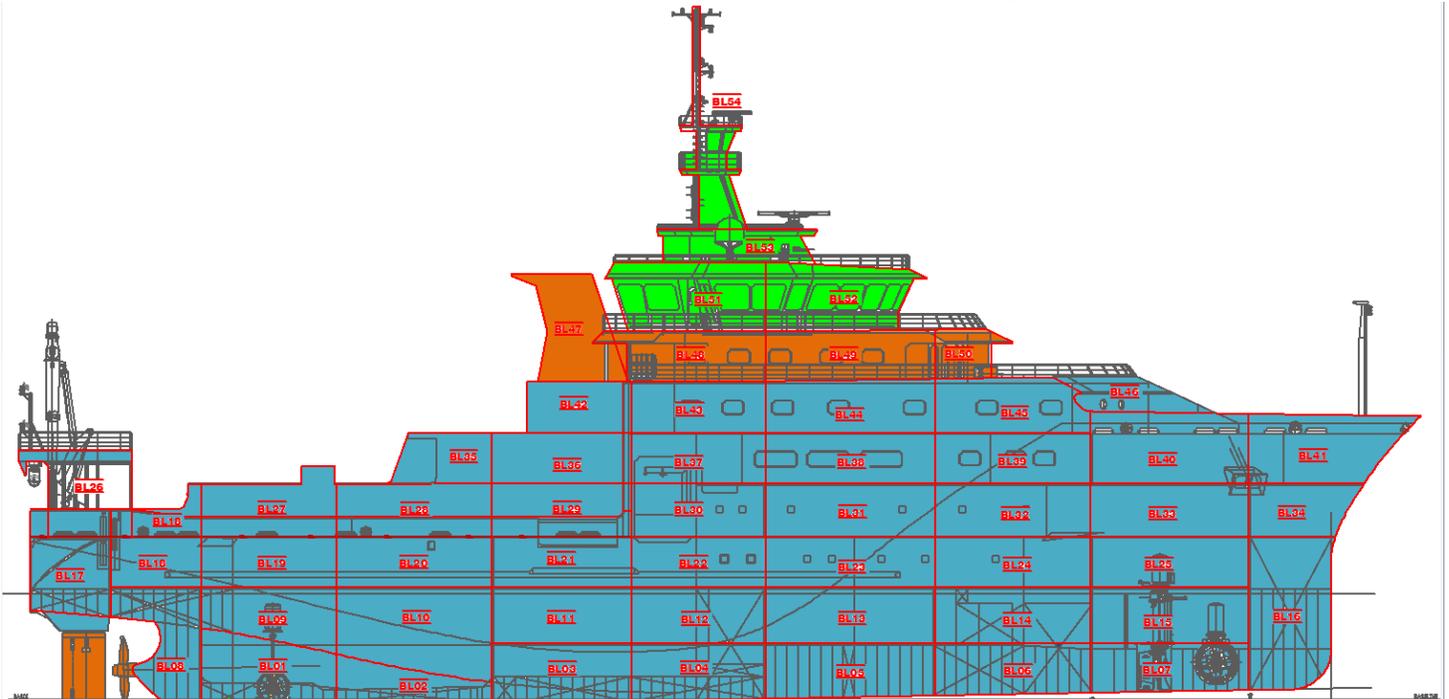
Dr. Fridtjof Nansen Replacement – Block construction

AG-460 – Hull build progress – Update by 23rd November 2015

- Steel cutting
- Under construction
- Blocks ready to place on slipway
- Blocks on slipway

First steel cut: 13.01.2015

Keel Laying: 23.04.15



PLANNED BUILDING SEQUENCE OF BLOCKS– ref. Master plan Rev. 03

1	2	3	4	5	6	7	8	9	10
06 – 100%	05 – 100%	07 – 100%	14 – 100%	15 – 100%	04 – 100%	13 – 100%	03 – 100%	16 – 100%	12 – 100%
11	12	13	14	15	16	17	18	19	20
25 - 100%	02 – 100%	11 – 100%	01 - 100%	10 – 100%	09 – 100%	24 -100%	08 - 100%	23 - 100%	22 - 100%
21	22	23	24	25	26	27	28	29	30
21 – 100%	20 – 100%	19 – 100%	18 – 100%	32 – 100%	17 – 100%	31 – 100%	33 – 100%	30 – 80%	34 – 100%
31	32	33	34	35	36	37	38	39	40
39 – 100%	38 – 100%	40 – 100%	37 – 100%	41 – 100%	29 – 100%	28 – 100%	36 – 100%	27 – 100%	26 – 100%
41	42	43	44	45	46	47	48	49	50
35 – 100%	44 – 100%	43 – 100%	42 – 90%	45 – 100%	46 – 100%	47 - 80%	49 - 80%	48 - 80%	50 - 80%
51	52	53	54						
51 - 70%	52 - 70%	53 - 30%	54 - 30%						

NOTE! Blocks are defined as **80%** completed when ready to put on slipway - **100%** when positioned on slipway.

General comments:

- Progress – ref. master plan (MP) – rev 03, dated 01. July:
 - 46 Blocks assembled on slipway.
 - Slipway assembly and outfitting prior to launch is 3 weeks behind presented dates in MP 03.
 - MP 3 launch date Nov 25th, postponed. New planned launch date is December 12th - not yet finally confirmed.
- Outfitting work continues on slipway:
 - 80% of Isometric pipes in zone 400 (Dbl. bottom, tk top & engine areas) installed
 - Mostly all overboard piping and valves below water line installed
 - Sandblasting, metalizing and painting of hull and ships sides ongoing.
 - Cable penetrations & installation of trays in progress
 - Main switchboards and main drives for winches installed week 46/47
 - Trawl winches arrived week 45 - all winches now on site.
 - All watertight doors installed.

New D.F Nansen presently “wrapped in” for sandblasting and painting



Hull and Ships sides to be sandblasted and painted prior to launch



Wheelhouse under construction at Alster in Vigo



Aft bridge



BL 50 shipped from Vigo



ROV control room



Trawl winches arrived 5th Nov.



Stb. Trawl winch on board



Aft deckhouse stb side in place



Both stern deck houses (galger) in place



Propeller - ready for installation



Outfitting PS drop keel



Crossover and mudbox in place



Main Switchboard installation



Outfitting work progressing



WT doors installed



Sandblasting of ICCP anode area (Cathodic protection)



Work boat – Hamilton water Jet and the Volvo engine foundation.

