



UPPSJÁVARFISKISKIP

Hjörtur Emilsson
skipatæknifræðingur
framkvæmdastjóri Navis ehf.

GLÓFAXI NK 54 Smíðaður 1956



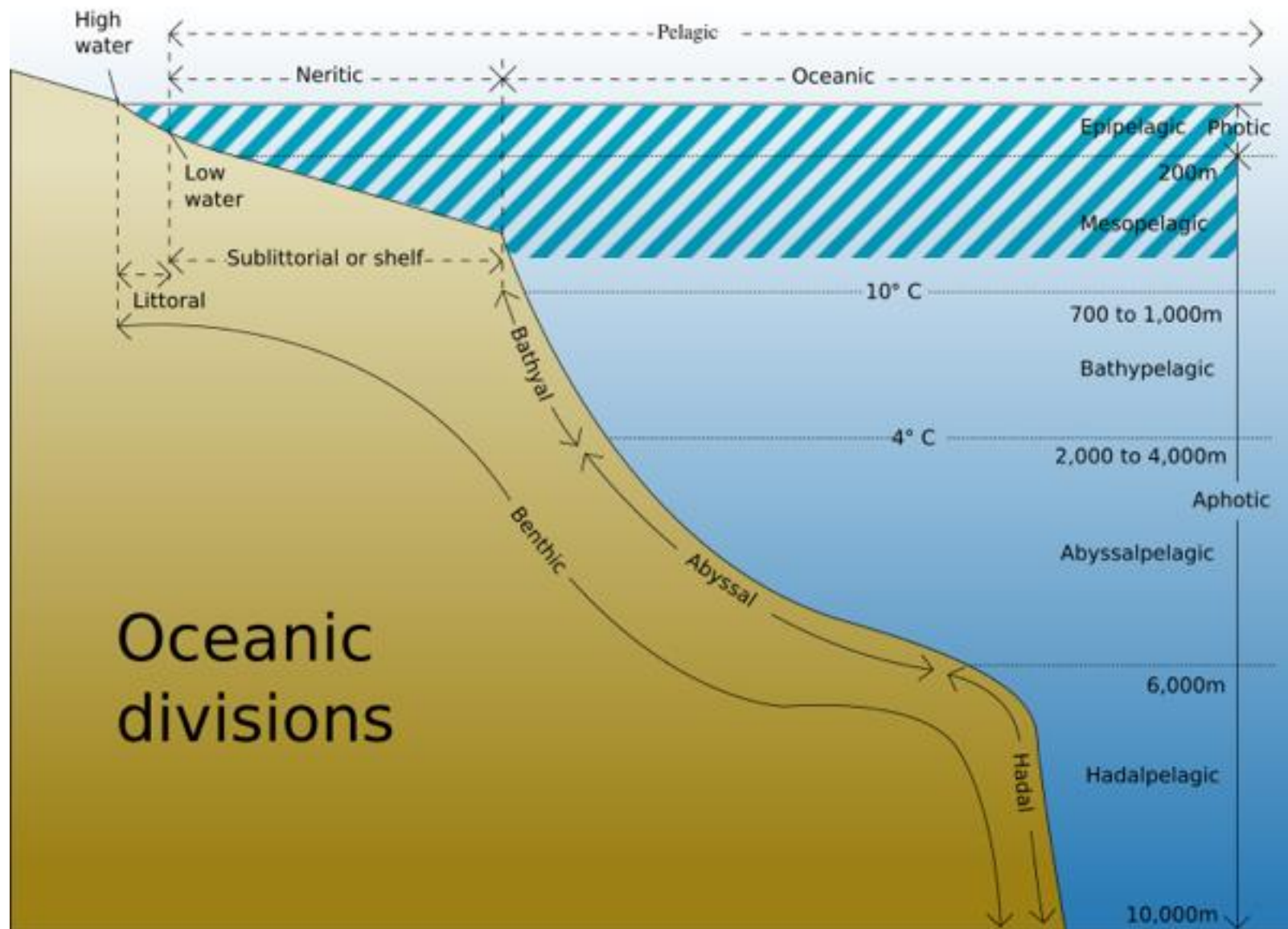
ÖRN KE 13 Smíðaður 1966



1012. Örn KE 13, í Keflavíkurhöfn © mynd Emil Páll

SIGURÐUR VE 15 Smíðaður 2014





Oceanic divisions

SÍLD

30-40 cm

500 g



LOÐNA

20-22 cm

200 g



KOLMUNNI

20-30 cm

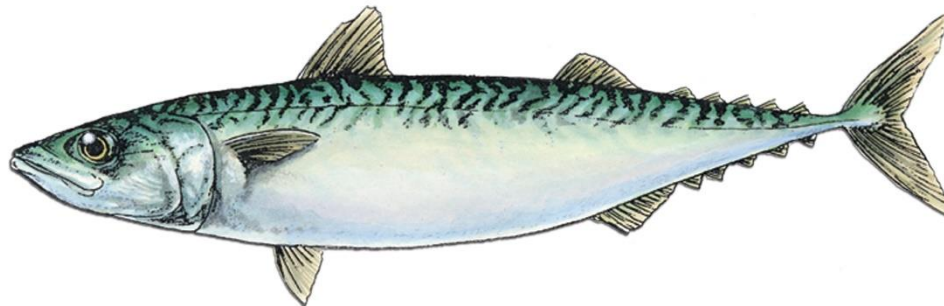
200 g



MAKRÍLL

30-40 cm

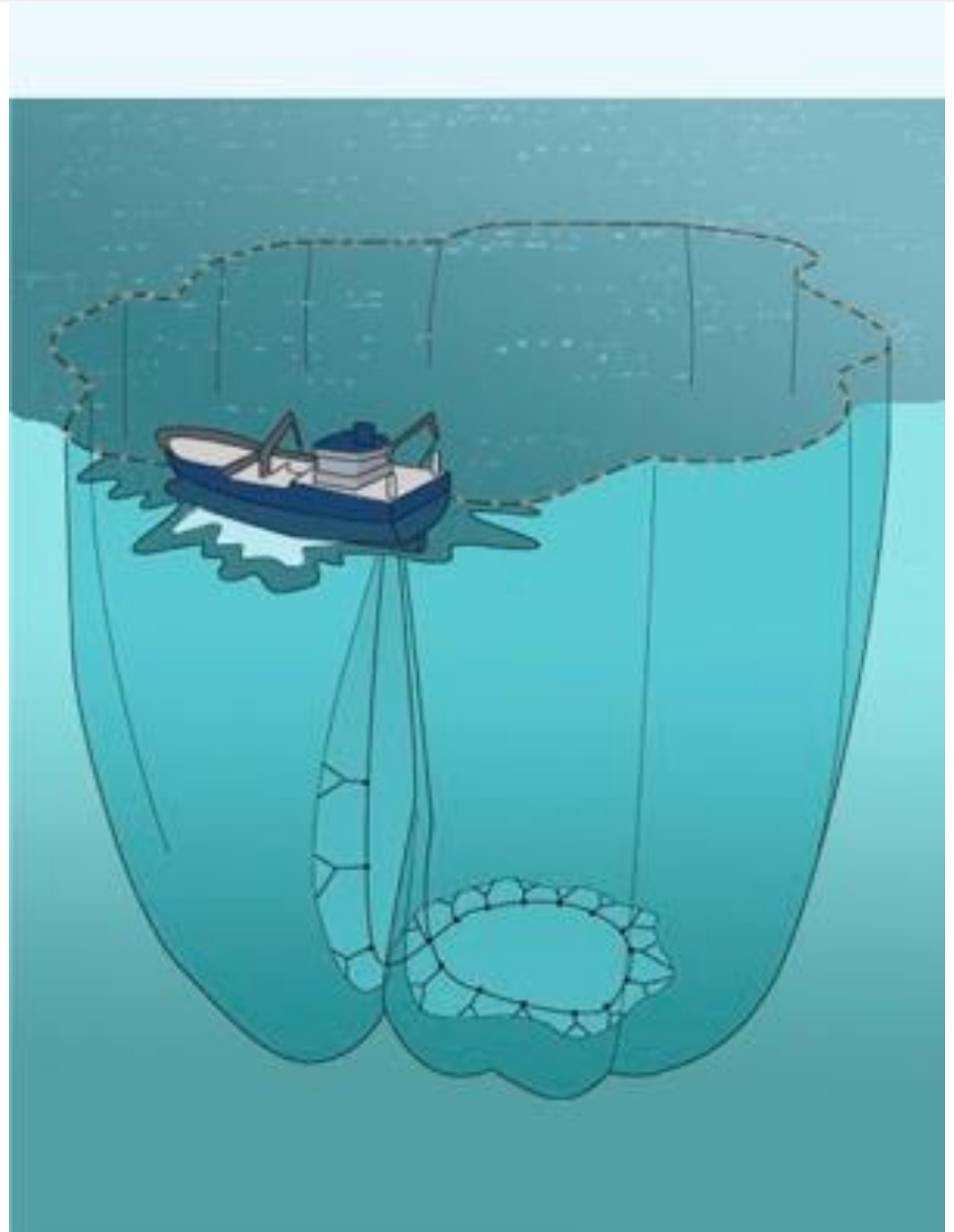
500 g



NÓT (hringnót, snurpunót, herpinót)

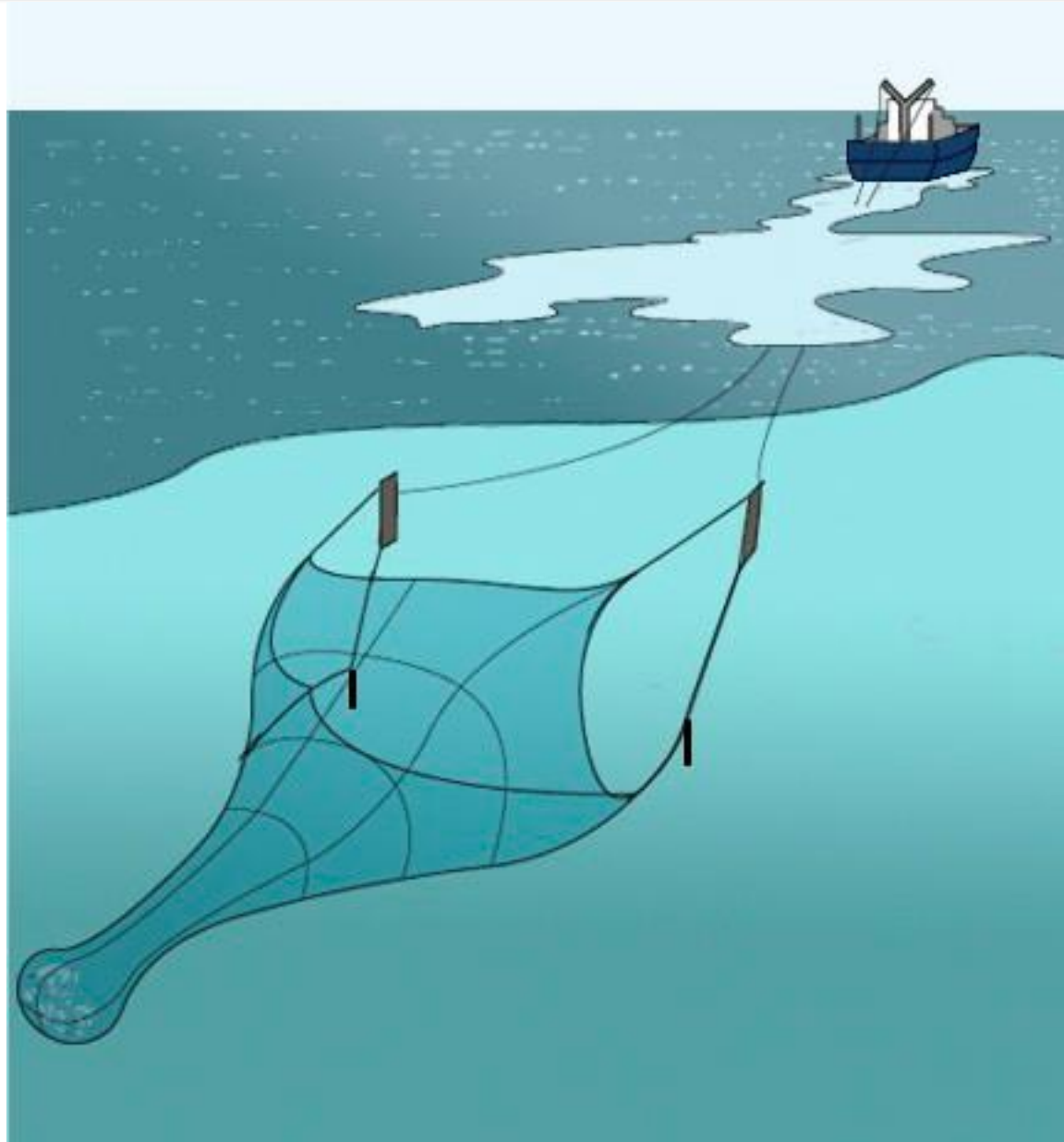
200-210m dýpt

650- 700m lengd



FLOTTROLL

140 m breidd
630m lengd







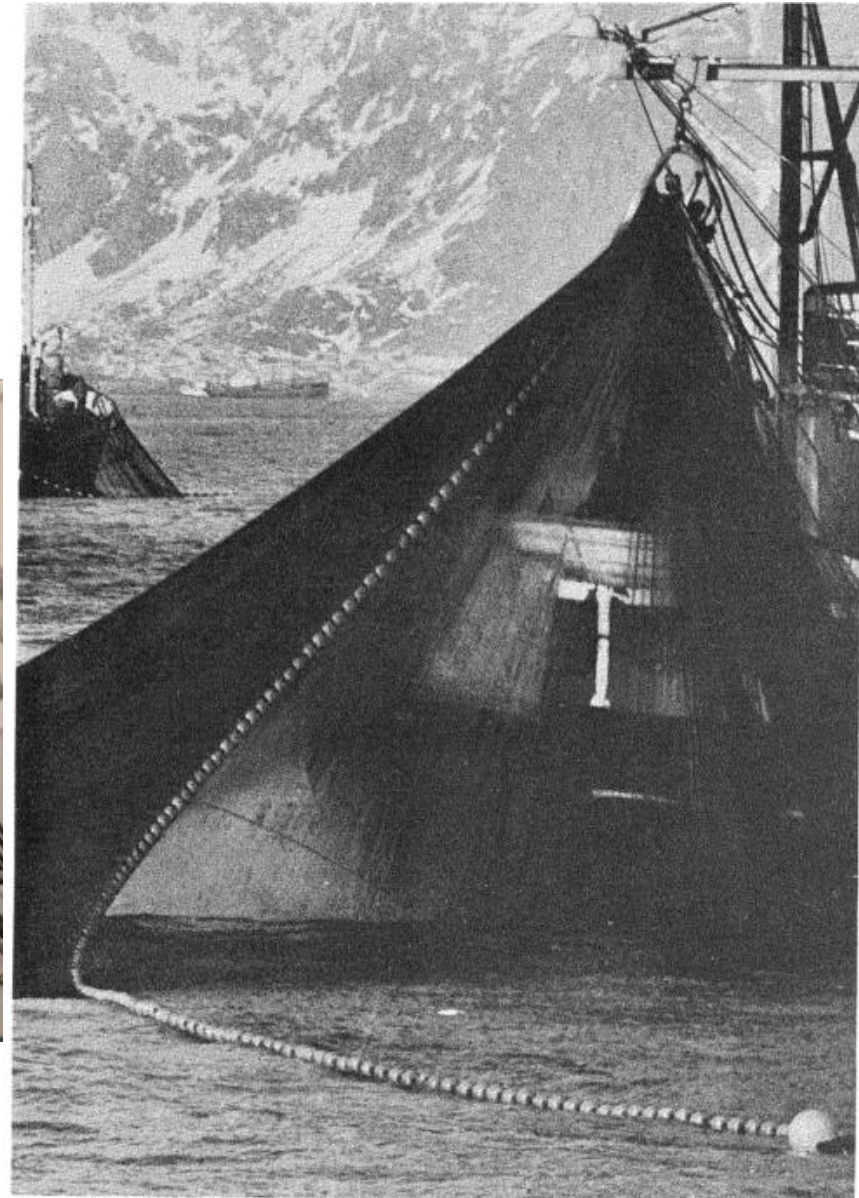


batarogskip.123.is



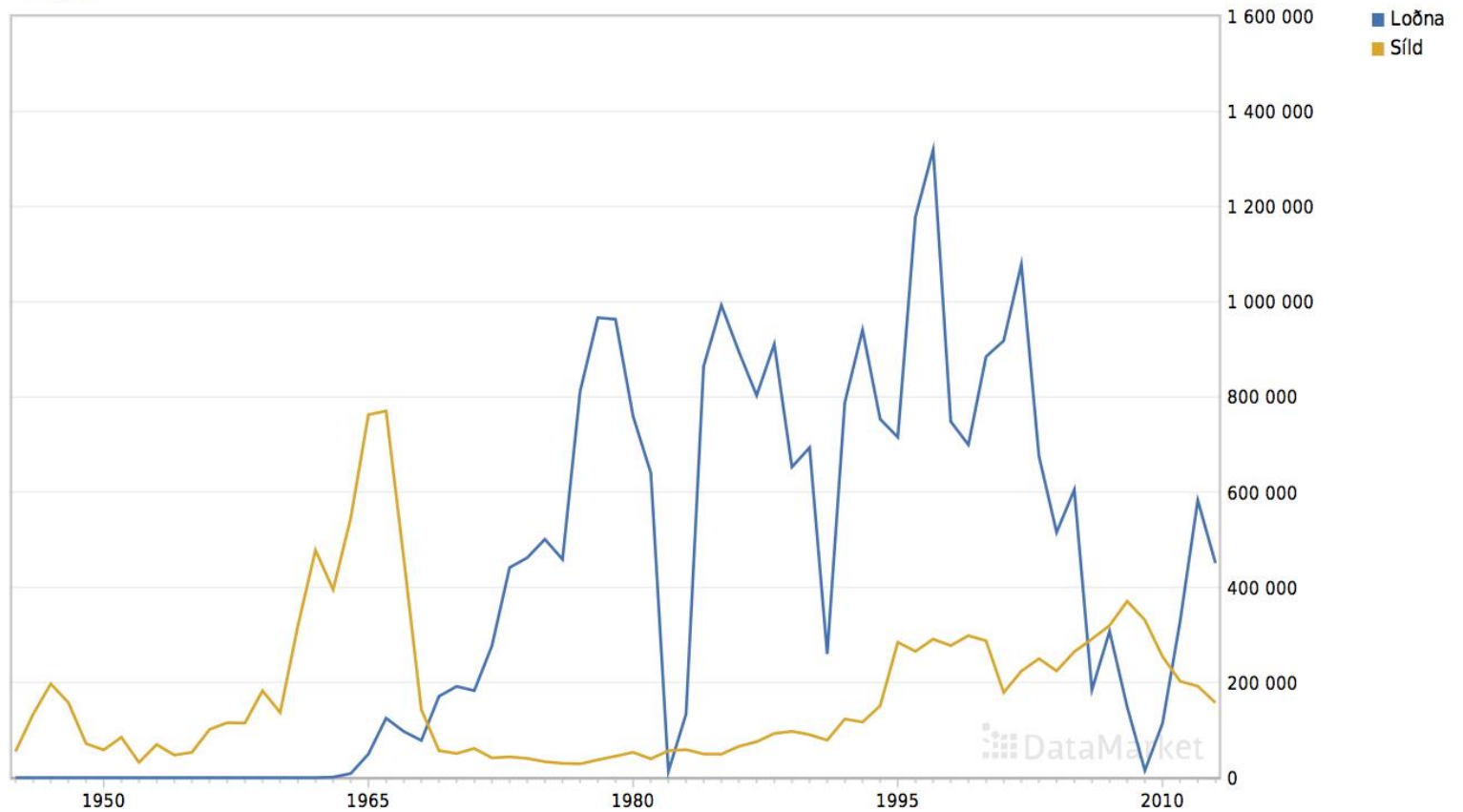
Kraftblöck

Asdic



Afli íslenskra fiskiskipa af öllum miðum eftir fisktegundum 1945-2013

Eining: Tonn



Heimild: Hagstofa Íslands

ÖRN KE 13 Smíðaður 1966



1012. Örn KE 13, í Keflavíkurhöfn © mynd Emil Páll

ÖRN KE 13

Yfirbyggður og lengdur á 9. ártugnum



1012. Örn KE 13 í höfn í Njarðvík © mynd Emil Páll

ÖRN KE 13

Nýtt framskip 1995



1012. Örn KE 13 © mynd Þorgeir Baldursson

ÖRN KE 13

Ný brú + togbúnaður 1997



1012. Örn KE 13 © mynd Guðmundur St. 1. feb. 2003

ÖRN KE 13

Ný brú + togbúnaður 1997



1012. Quo Vadis HF 23, í Morocco © mynd Svafar Gestsson

Sighvatur Bjarnason

Yfirbyggður og tví-lengdur



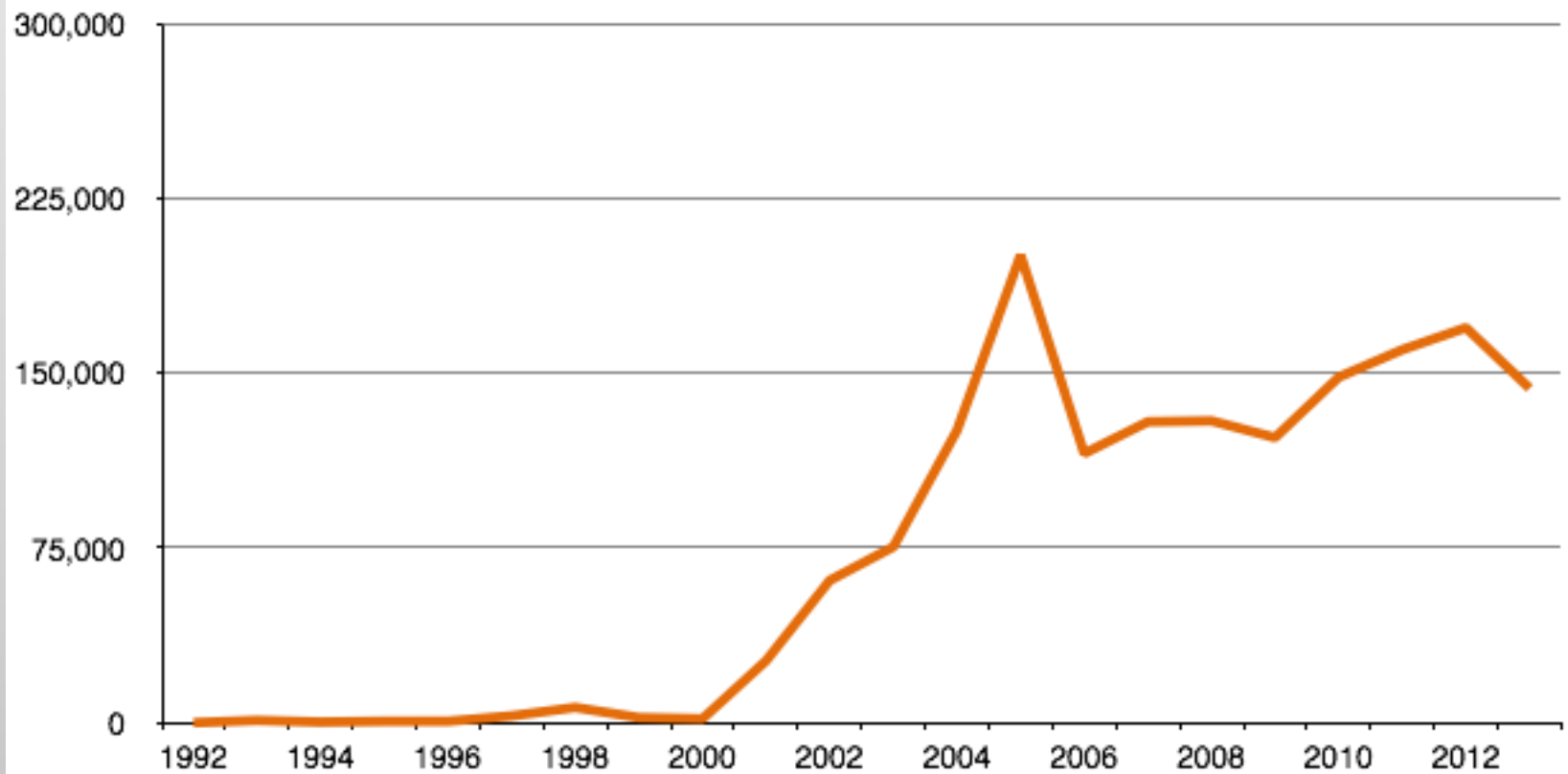
MS VÍKINGUR BREYTTUR SÍÐUTOGARI FRÁ 1960



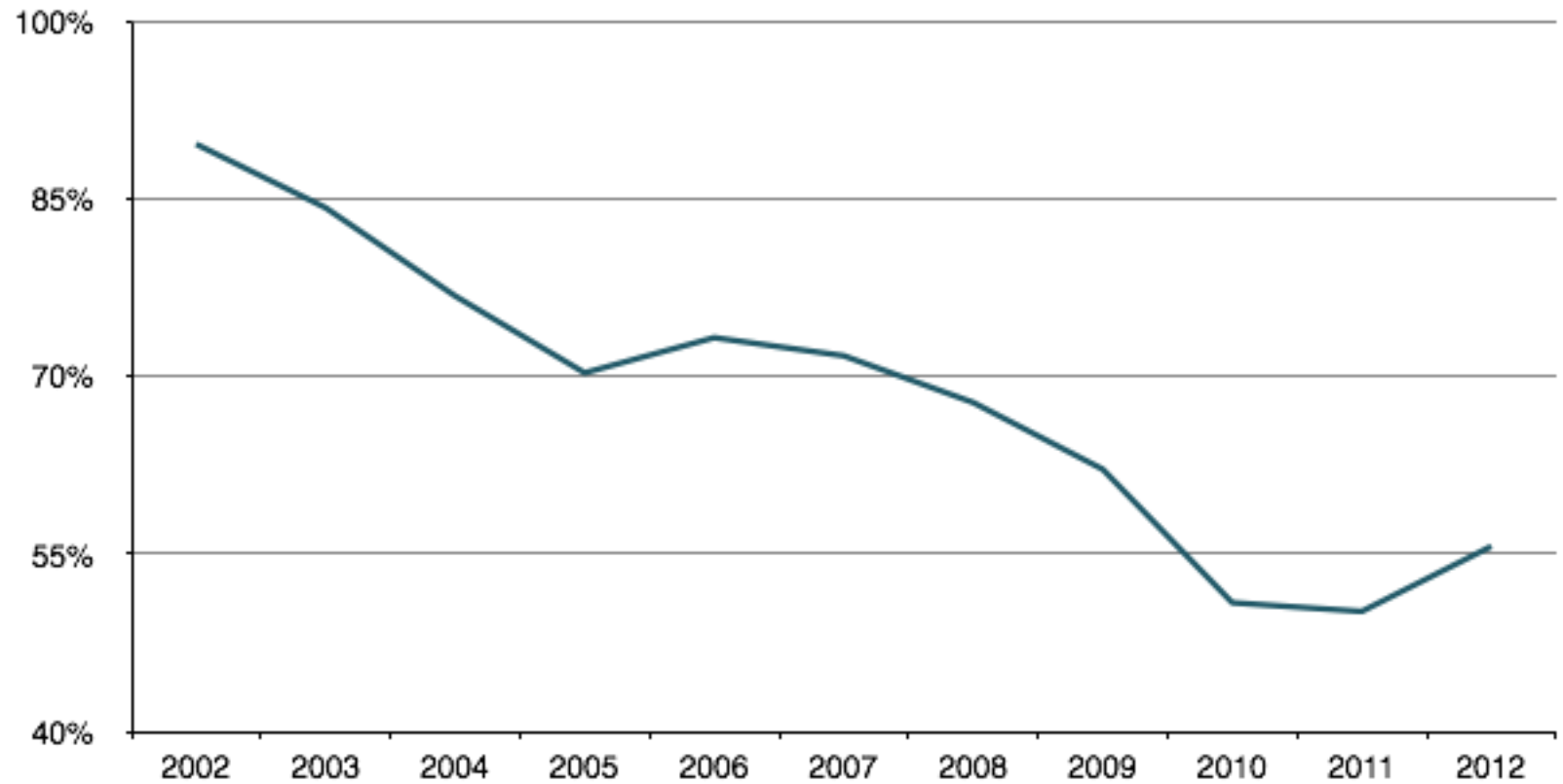
68 m uppsjávarveiðiskip NAVIS ehf



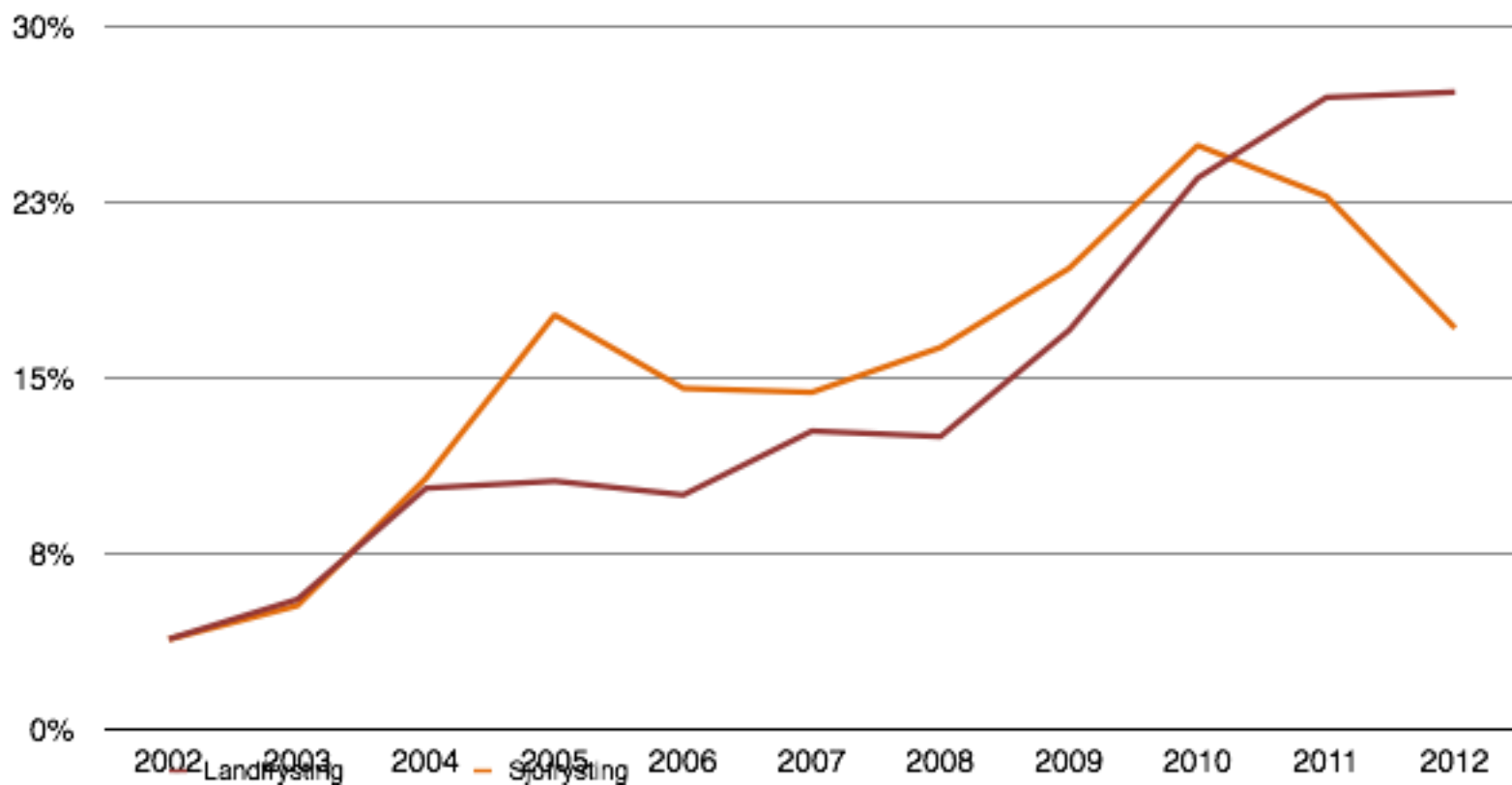
SJÓFRYSTUR AFLI 1992 - 2013: ALLUR UPPSJÁVARFISKUR

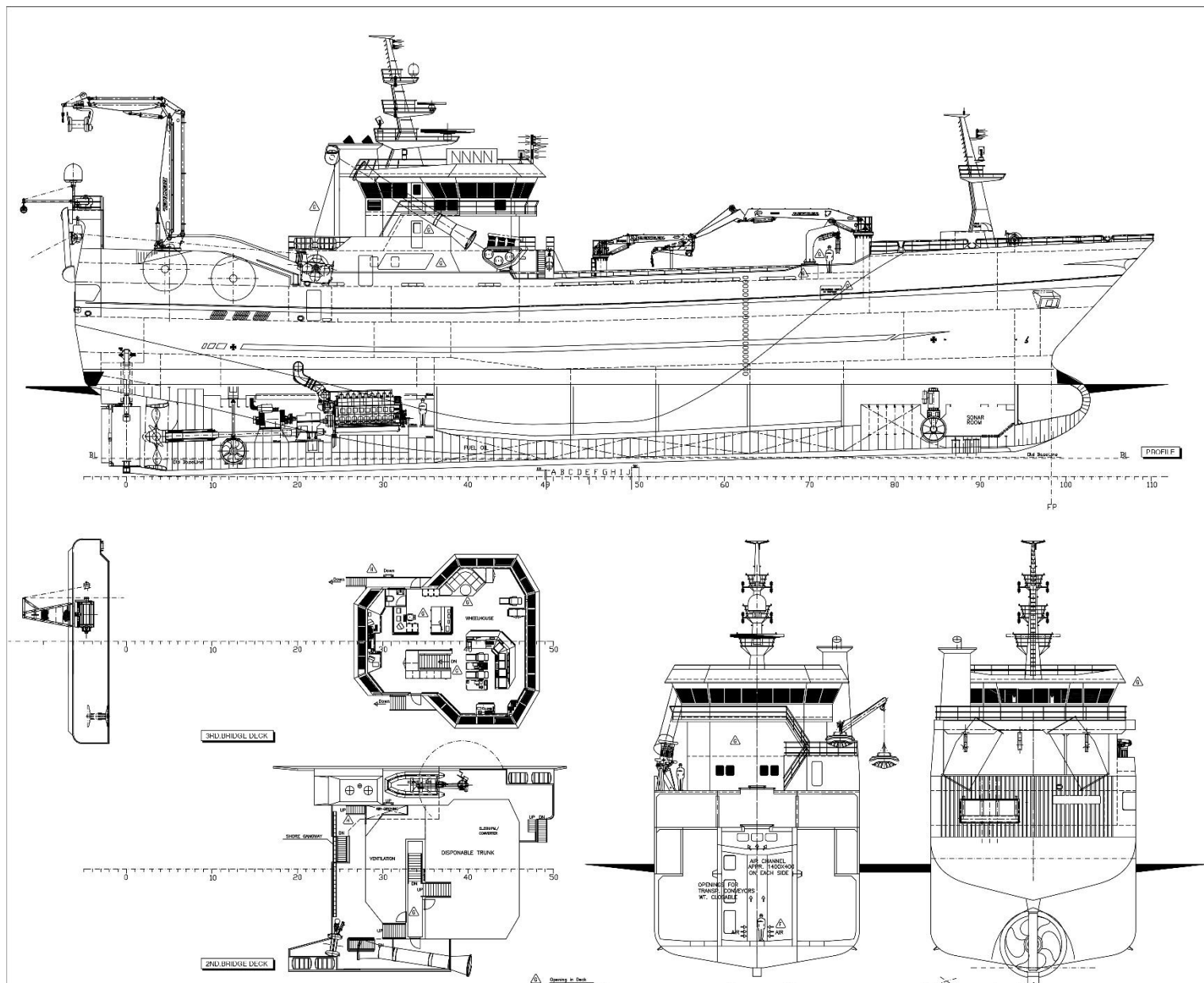


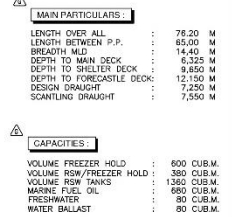
HLUTFALL UPPSJÁVARAFLA Í BRÆÐSLU 2002-2012

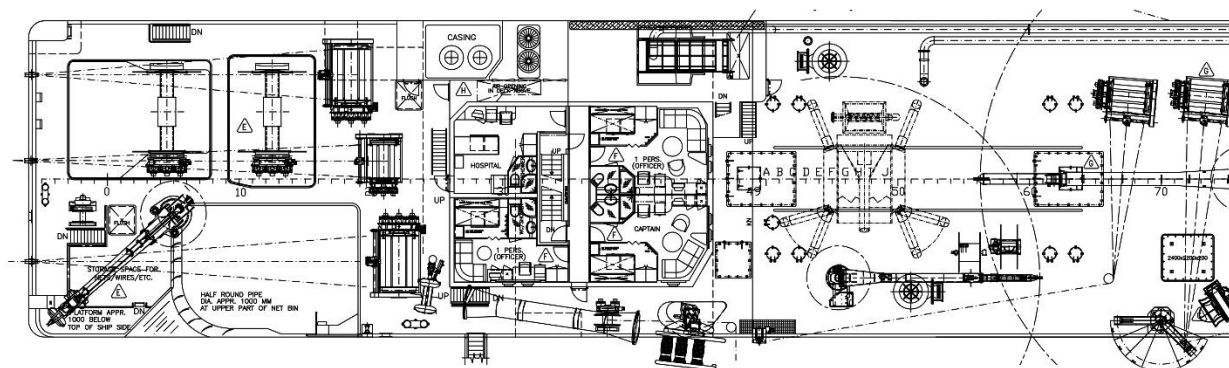
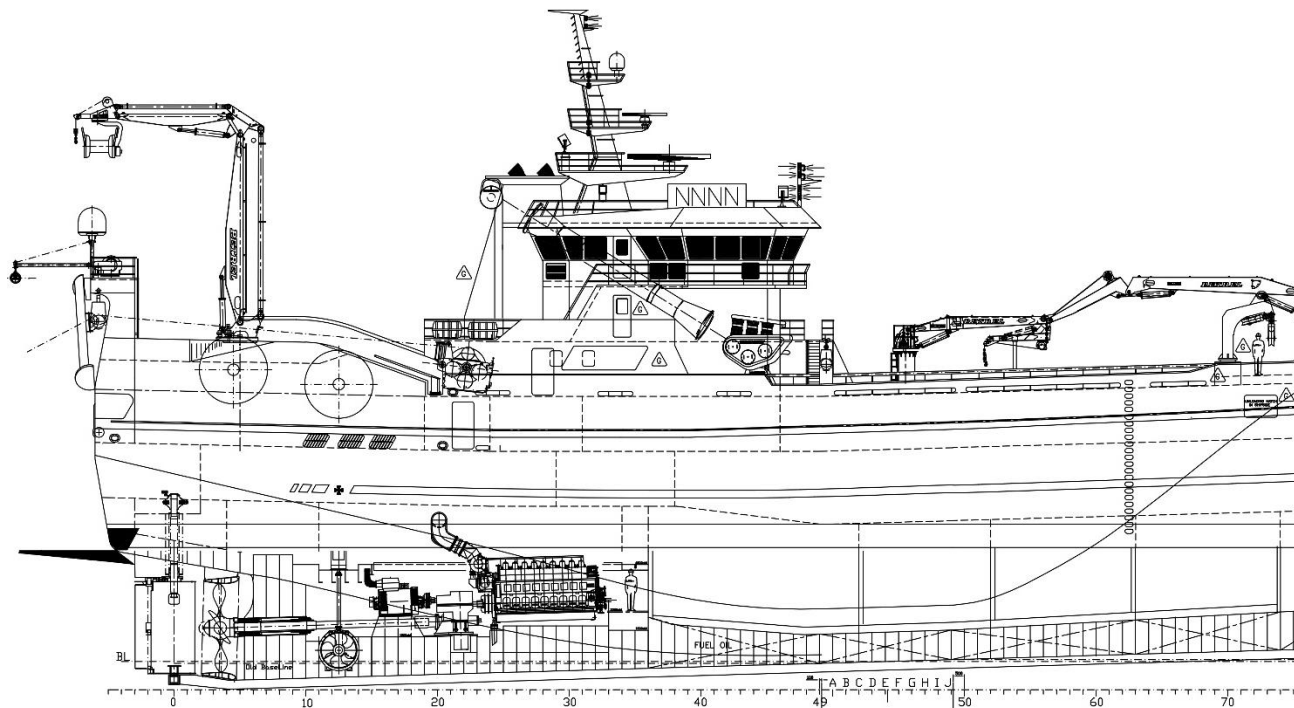


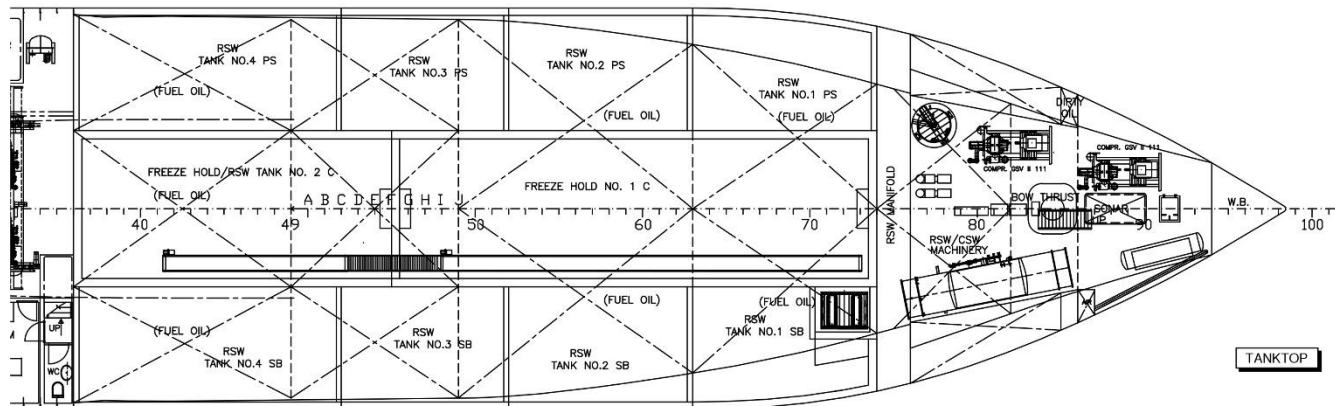
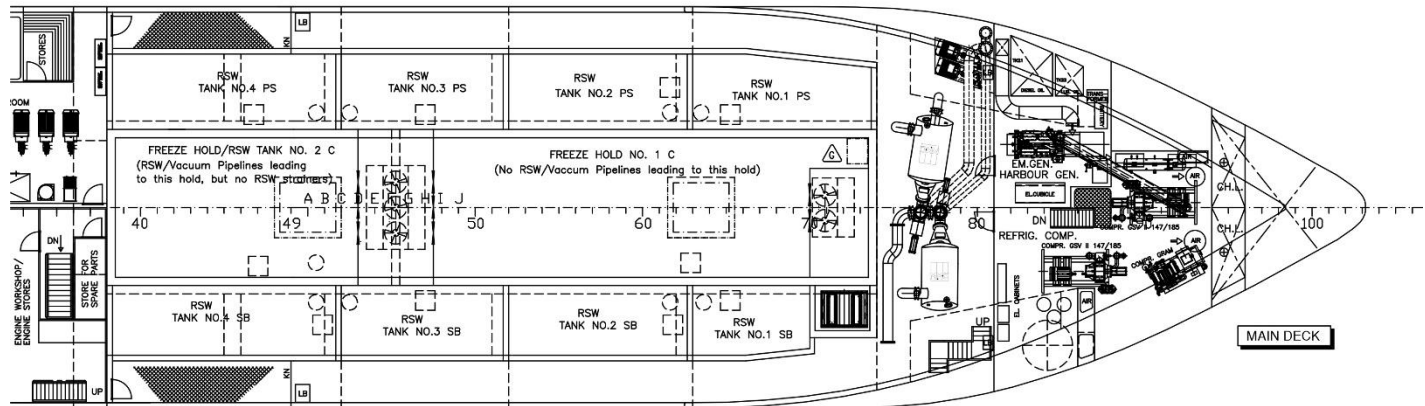
HLUTFALL UPPSJÁVARAFLA Í LAND- OG SJÓFRYSTINGU 2002-2012

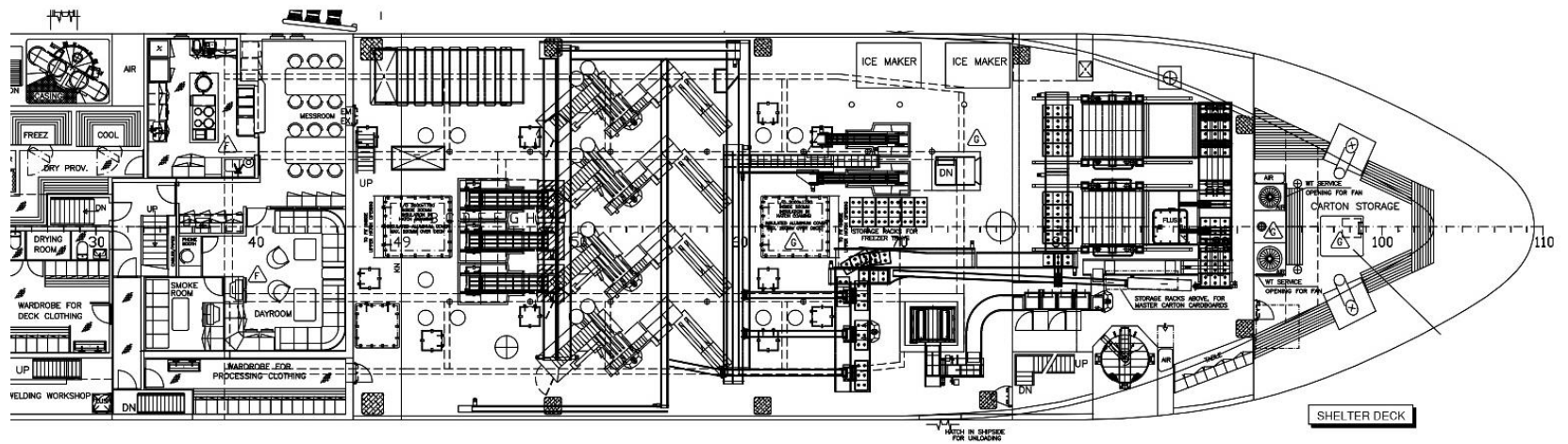


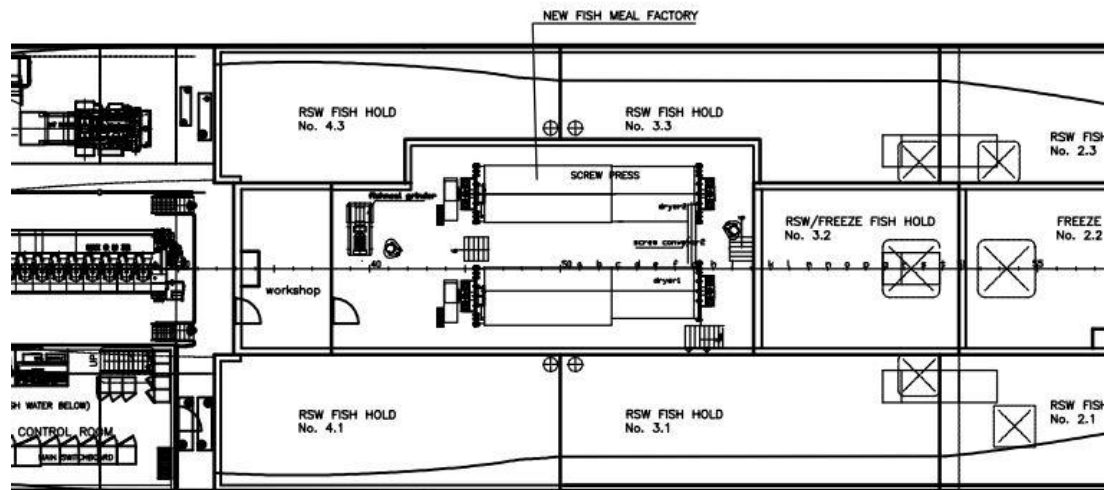
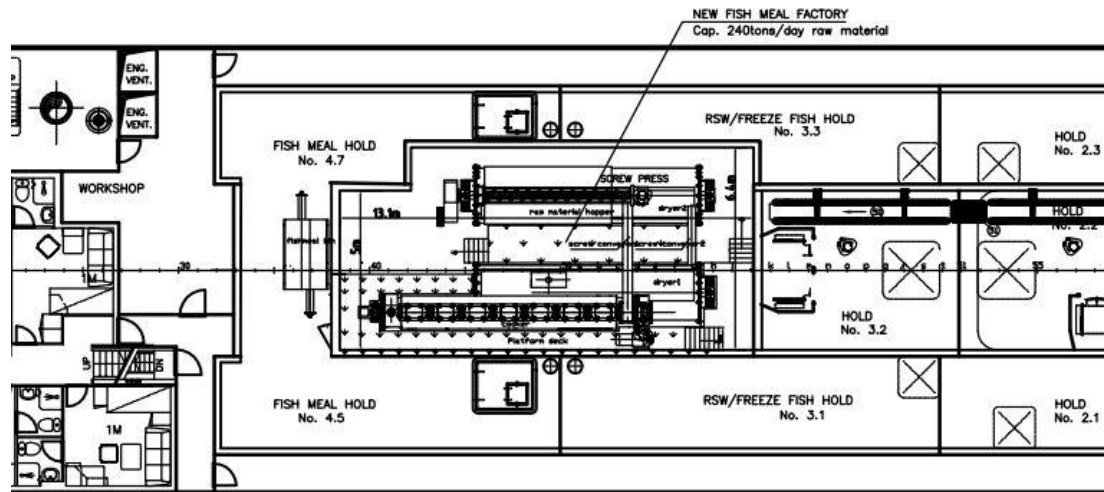


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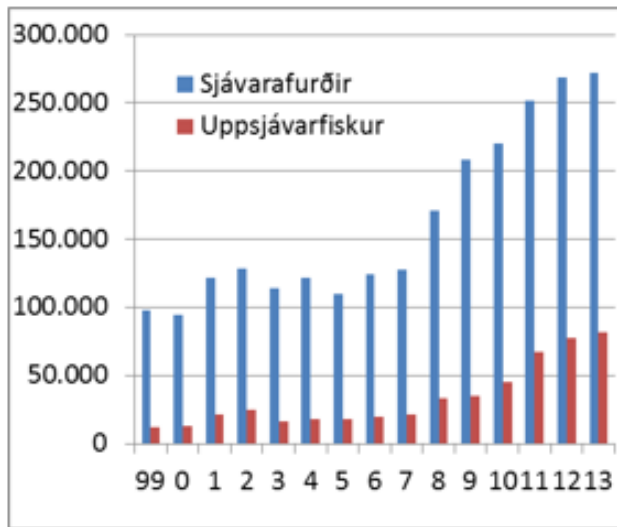
MS SIGURÐUR



Verðmætaaukning

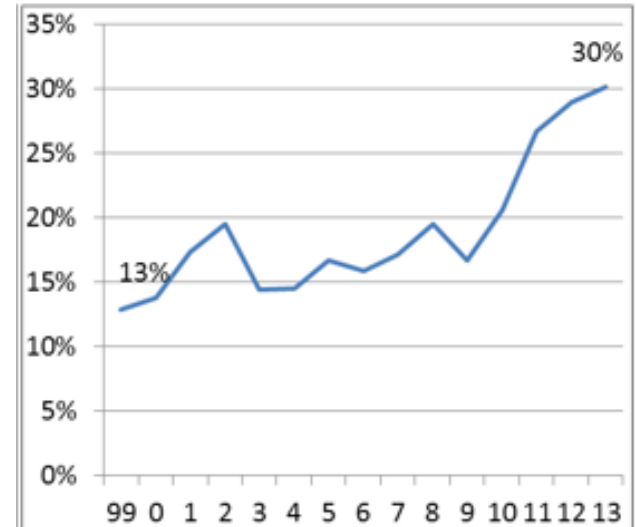
Uppsjávarfiskur 82 milljarðar króna

Milljónir
króna



Hlutfall
uppsjávarfisk í
heildar útflutningi
sjávarafurða

30% af heildarútflutningi sjávarafurða



101 m Frystitogari - uppsjávarveiðiskip

NAVIS ehf

Betri Orkunýting

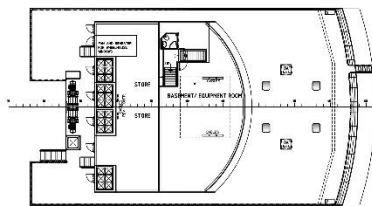
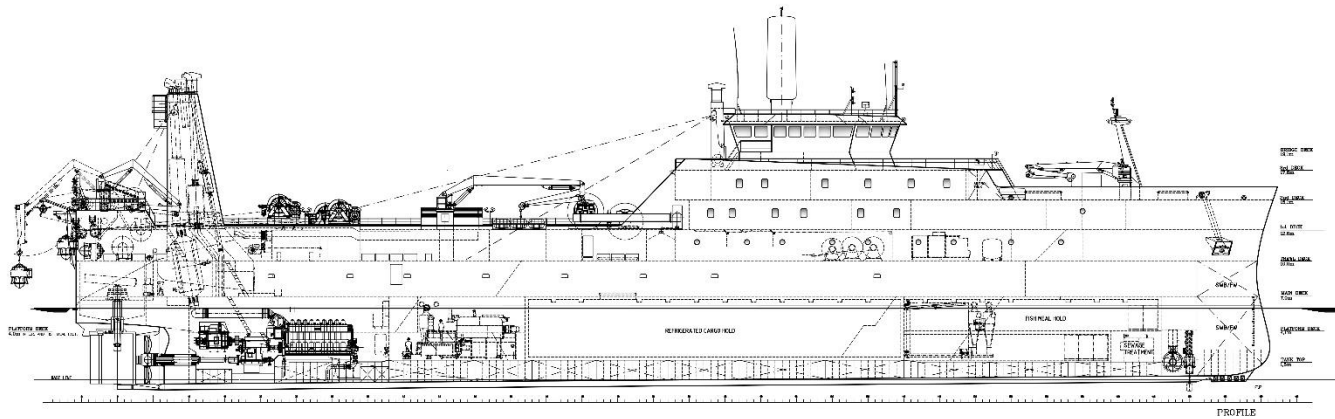
Betri Aflameðferð

Betri Aðbúnaður

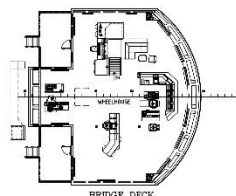
Öruggara Vinnuumhverfi



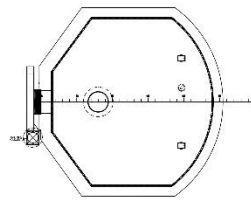




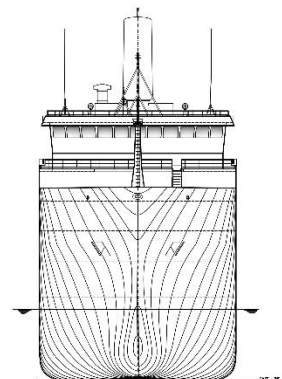
3rd DECK



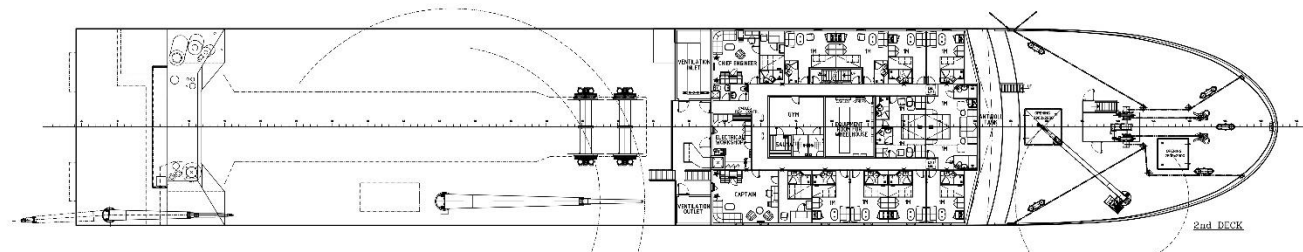
BRIDGE DECK



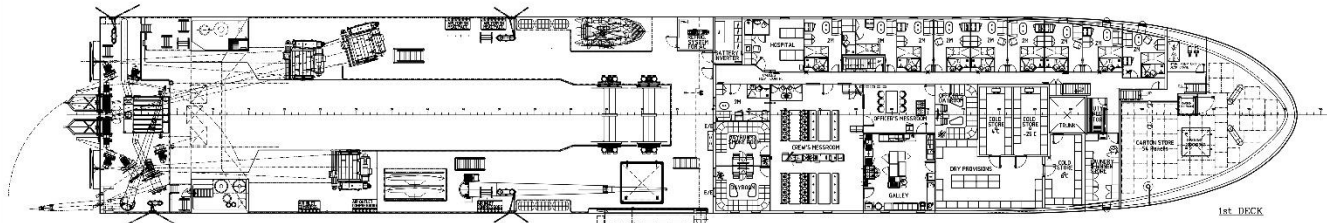
WHEELHOUSE ROOF



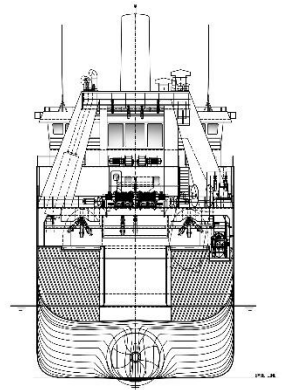
FRONT VIEW



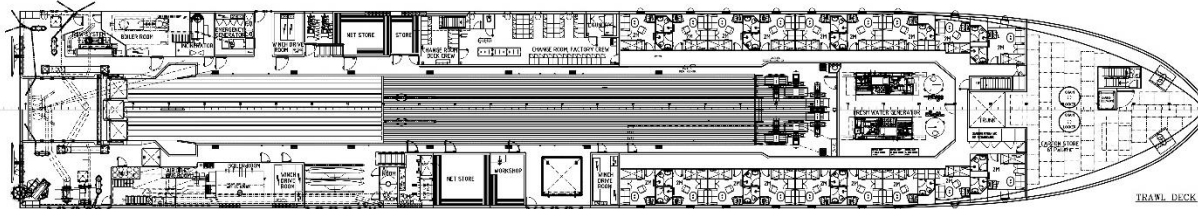
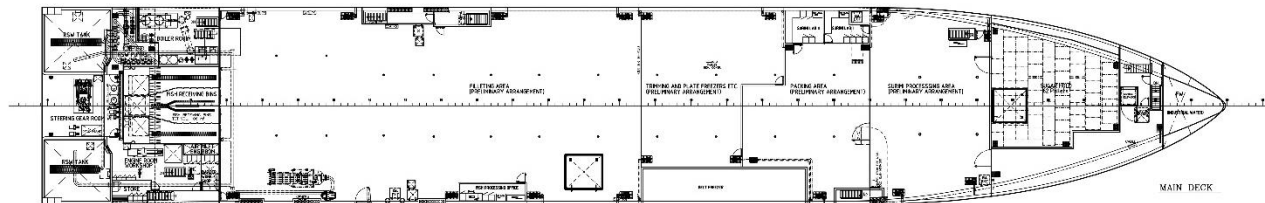
2nd DECK



1st DECK



AFT VIEW

TRAWL DECK

MAIN DECK

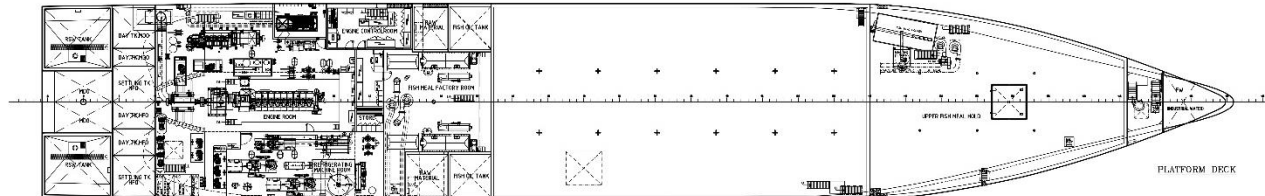
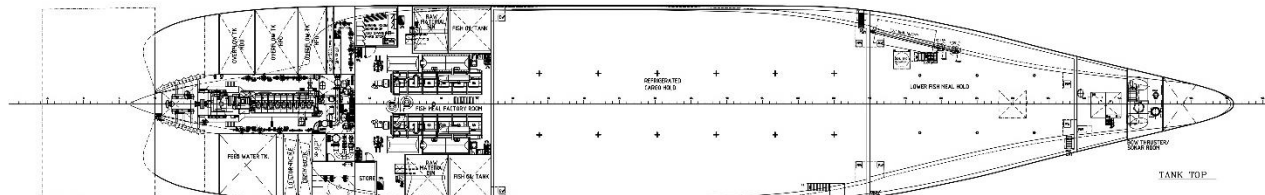


FIGURE 10.10



TANK TOP

LENGTH O.A.	101.0 M
LENGTH B.P.	95.8 M
BEAM	16.5 M
DEPTH TO MAIN DECK	7.0 M
DEPTH TO TRAWL DECK	10.0 M
DEPTH TO 1st DECK	12.6 M
FRAME SPACING	600 MM

REFRIGERATED CARGO HOLD	216 M ³
FISH HALL HOLDS	1029 M ³
CARLON STORES	650 M ³
SUGAR STORE	230 M ³
FUEL OIL OR BUNKER TANKS	644 M ³
MDO FUEL OIL BLANKET TANKS	93 M ³
MDO FUEL OIL SERVICE TANKS	87 M ³
MDO FUEL OIL SERVICE TANKS	41 M ³
MDO OVERLOW TANKS	41 M ³
MDO OVERLOW TANKS	15 M ³
FRESH WATER TANKS	60 M ³
FEED WATER TANK FOR STEAM SYSTEM	34 M ³
INDUSTRIAL / SEA WATER TANKS	188 M ³
FISH OIL TANKS	129 M ³

RSW TANKS	155 M ³
RAW MATERIAL TANKS	94 M ³

MAIN ENGINE	4,500-4,800 KW
PROPELLER INSTALLATION	Ø4.0m 135 RPM

AUXILIARY ENGINE	1,000-1,100 KW
HARBOR GENERATOR SET	450-550 KW
MAIN OIL FUEL'D BOILER	5,000 KG/HR
EXHAUST GAS BOILER M.E.	1,700 KG/HR
EXHAUST GAS BOILER AUX.E.	150 KG/HR
FREEZING CAPACITY	75 T/24 HR

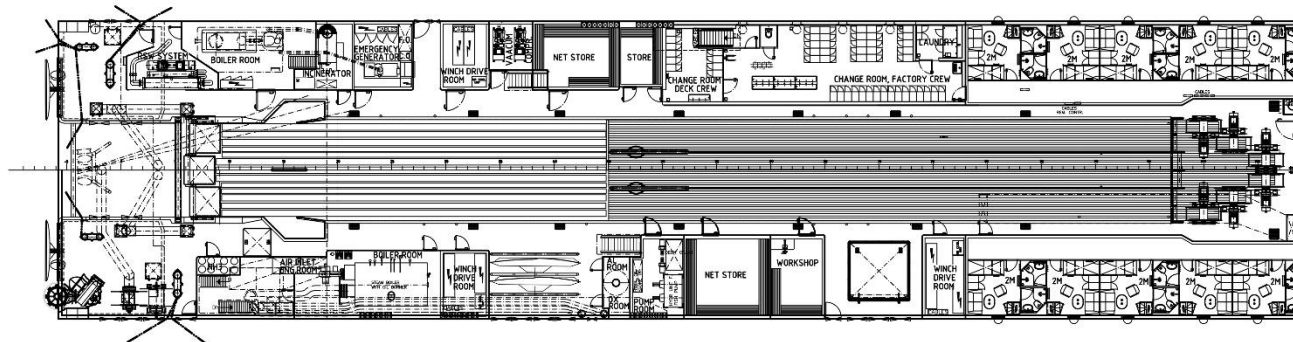
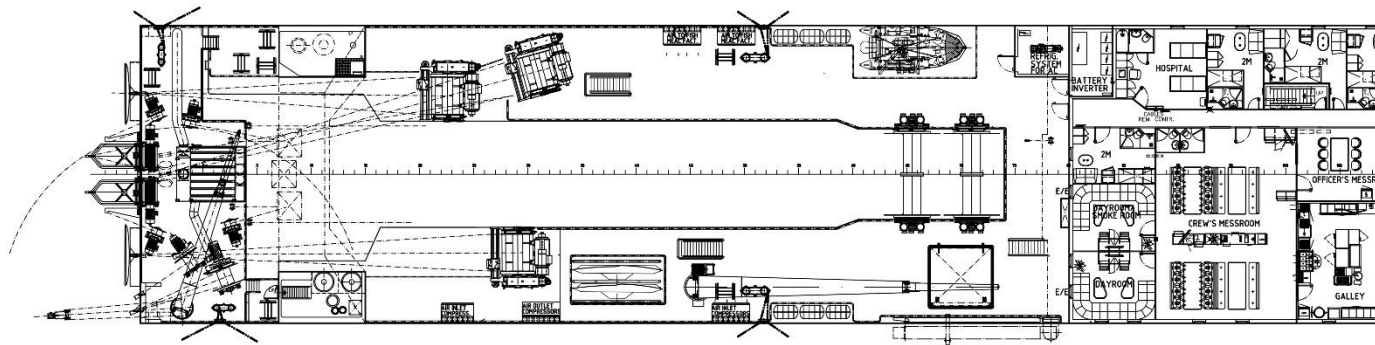
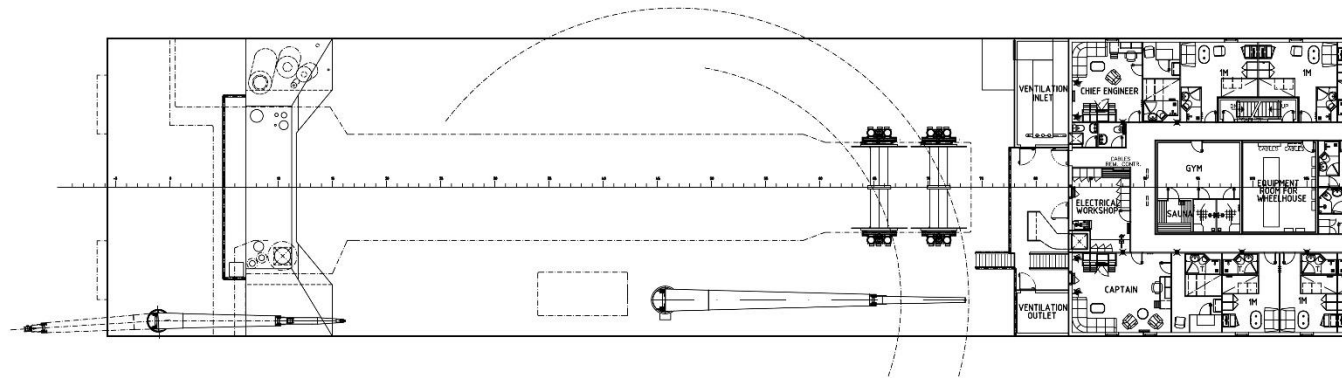
21% MEAL RECOVERY	2x70 T/24 HR
15% MEAL RECOVERY	2x110 T/24 HR

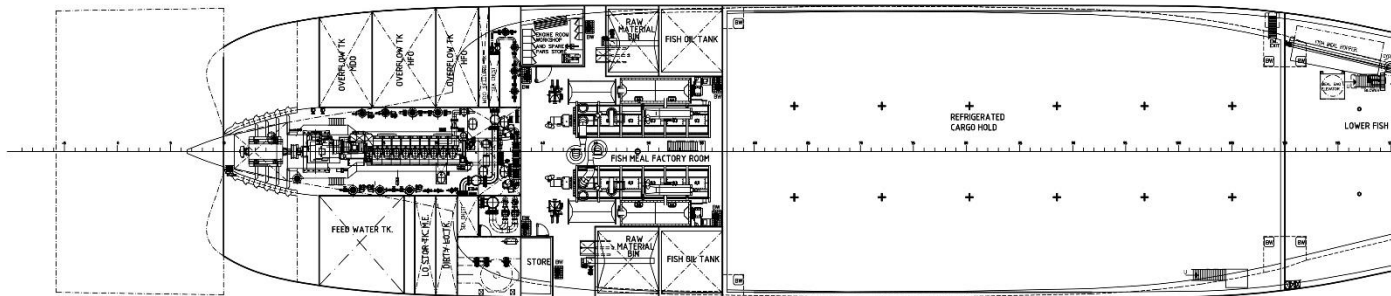
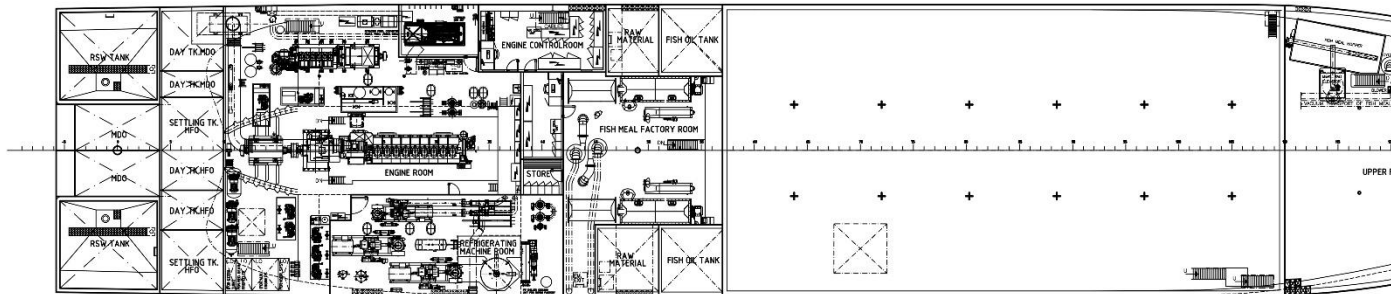
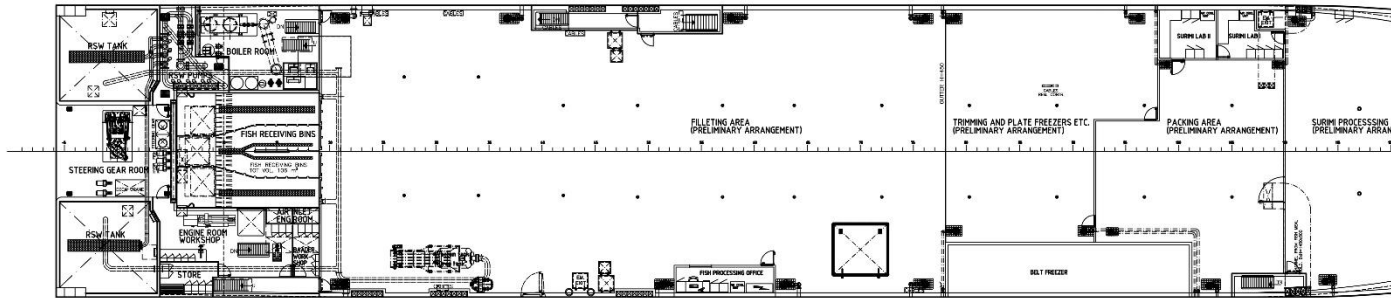
OSMOSIS FLOW MAKER CAPACITY 2x250/124 HR

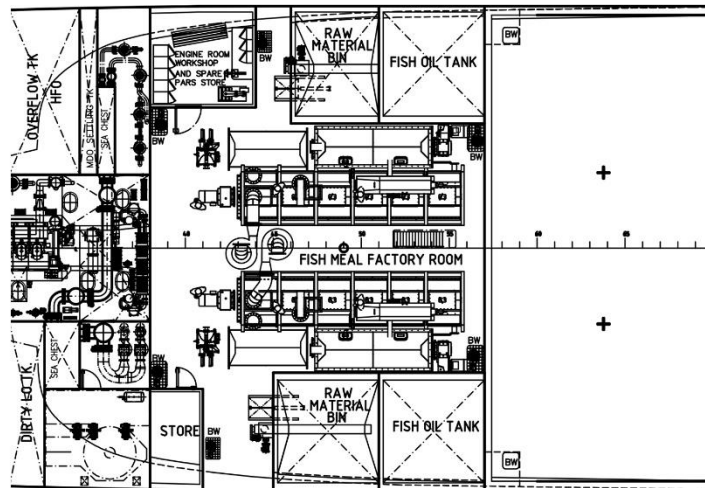
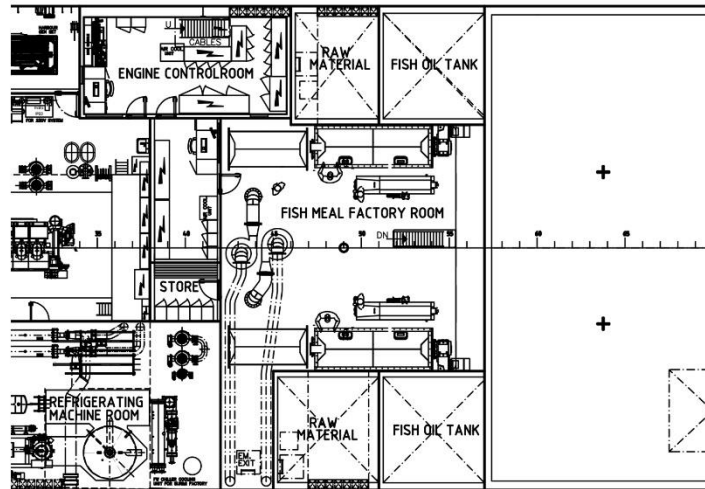
70 PERSONS = HOSPITAL.
15 PERSONS IN SINGLE CABINS
56 PERSONS IN DOUBLE CABINS

1 • HULL • MACH, Fishing vessel, ICE CLASS IC, AUT-UMS, MON-SHAFT

[illegible]





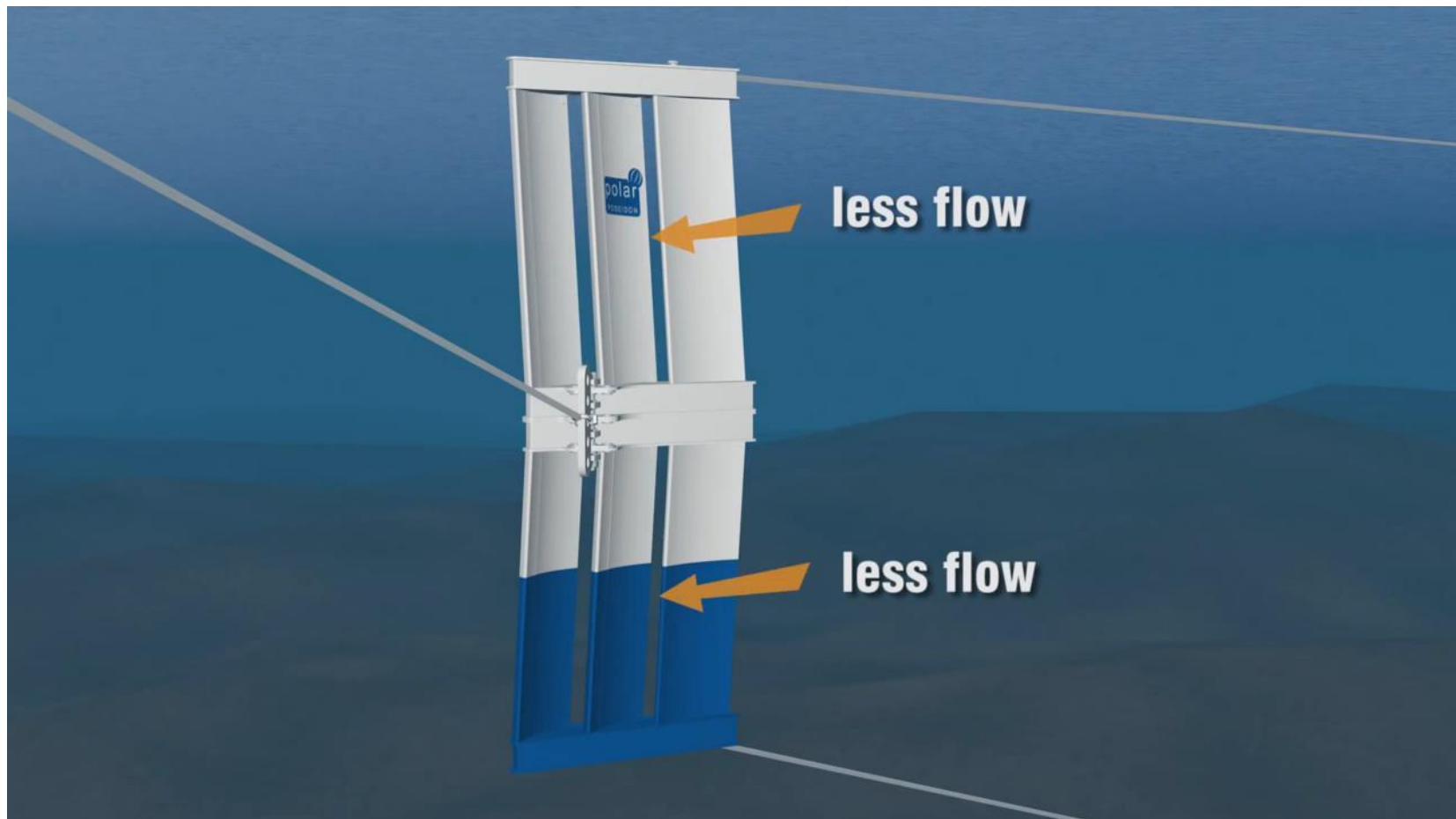


Framtíðin?

- GRÆNT SKIP
- Aukning verðmæta á öllum sviðum
- Ný klæðskerasaumuð hönnun A - Ö
- Nýir orkugjafar, nýjar aðferðir við nýtingu
- Hybrid (tvinn) notkun orkugjafa
- Minni mengun með SOx og NOx
- Minnkun á „kolefnisfótspori“.CO2
- Betra skrokk-form
- Endurheimting umfram-hita og -kulda
- Engin notkun hættulegra efna í smíði
- Öryggi áhafnar og skips í fyrirrúmi



Polar Fishing Gear with Poseidon Remote Controllable Trawl Doors



TAKK FYRIR