

TVINNSKIP OG GRÆN TÆKNI

Orkunotkun og orkusparnaður við veiðar og siglingu

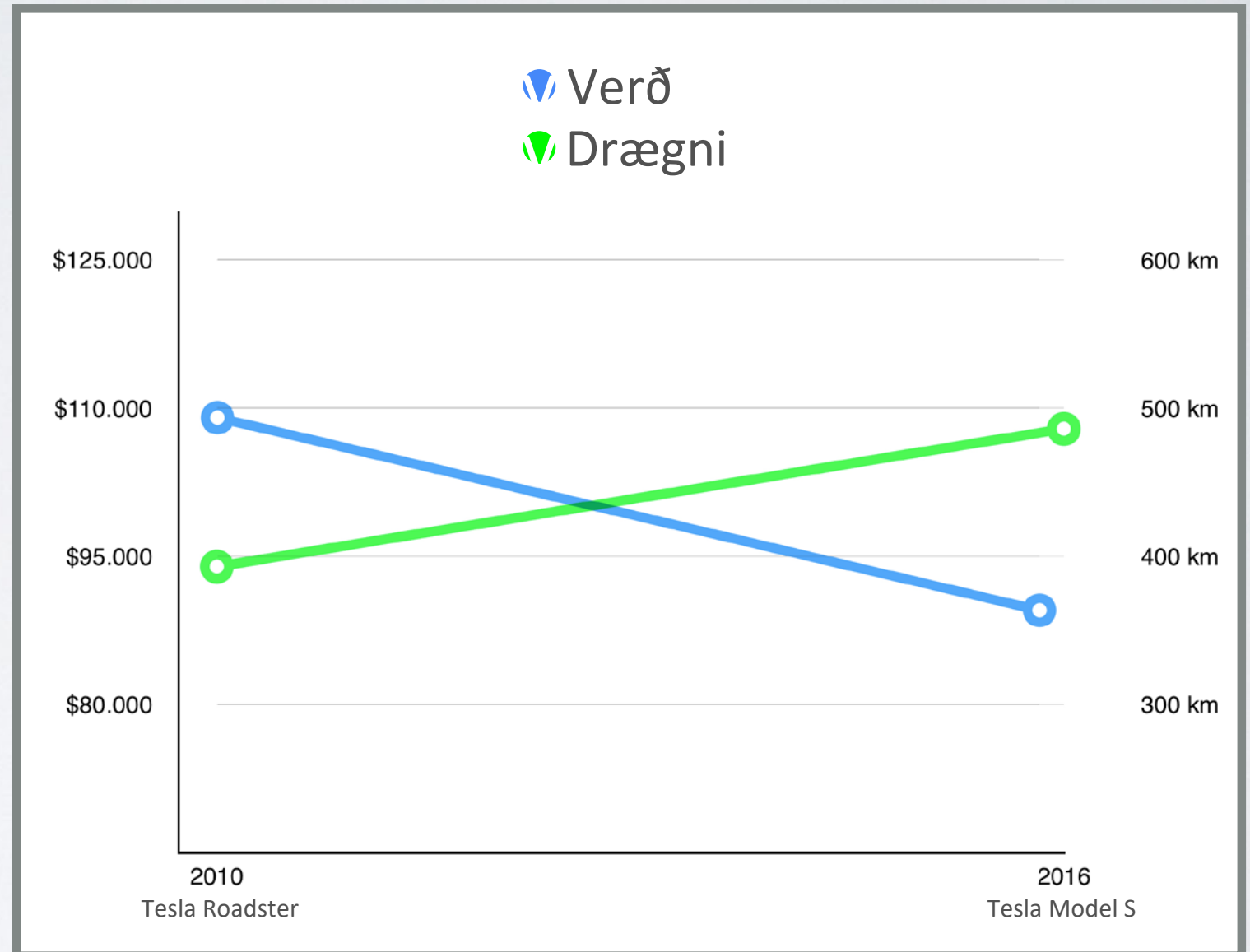
Sjávarútvegsráðstefnan 2016, Hörpu, 24.-25. nóvember.



AFHVERJU RAFMAGN

100% græn orka á Íslandi

RAFMAGNS BÍLAR



RAFGEYMAR

Lípíum jóna



Salt ?

Ultra-high power density
Sodium battery



Multiplies the power density 5-fold with respect to Li-ion, cuts per-kg production cost into half

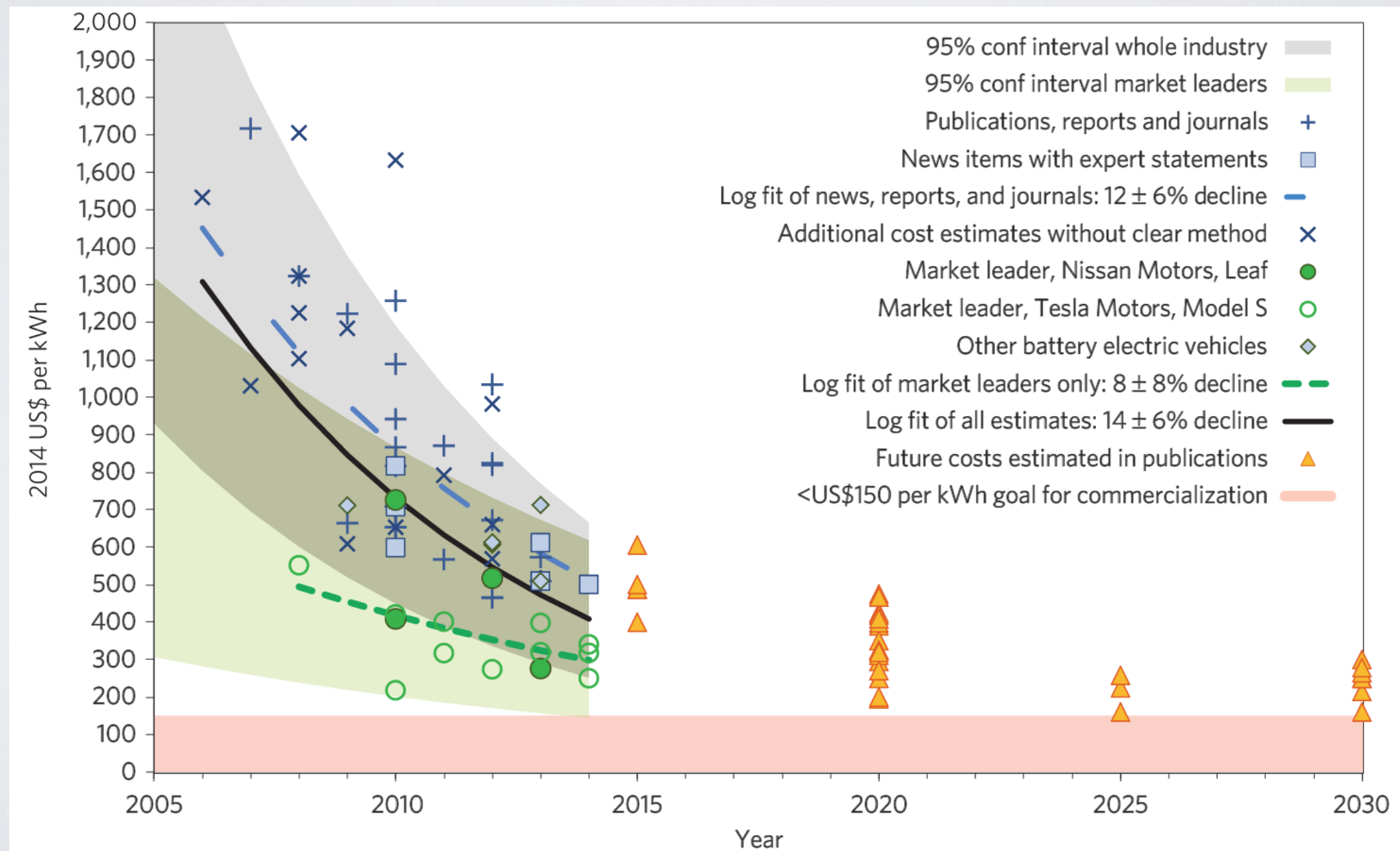
Ultra-high energy density
Sodium battery



Doubles the energy density with respect to Li-ion, cuts per-kg production cost into half

RAFGEYMAR

Verð- og orkuþróun



TVINNNTÆKNI Í SKIPUM

Rétt komin úr startholunum

PASSENGER SHIP TECHNOLOGY

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A hybrid-powered future



DNV GL

MARITIME

IN FOCUS - THE FUTURE IS HYBRID

- a guide to use of batteries in shipping



Unique new ships for Hurtigruten. Photo: Rolf Royce

The future of Hurtigruten is hybrid

We will be able to sail on battery power and cut climate gas emissions, the cruise shipping company says about its new vessels.

Atle Staaleen

September 09, 2016

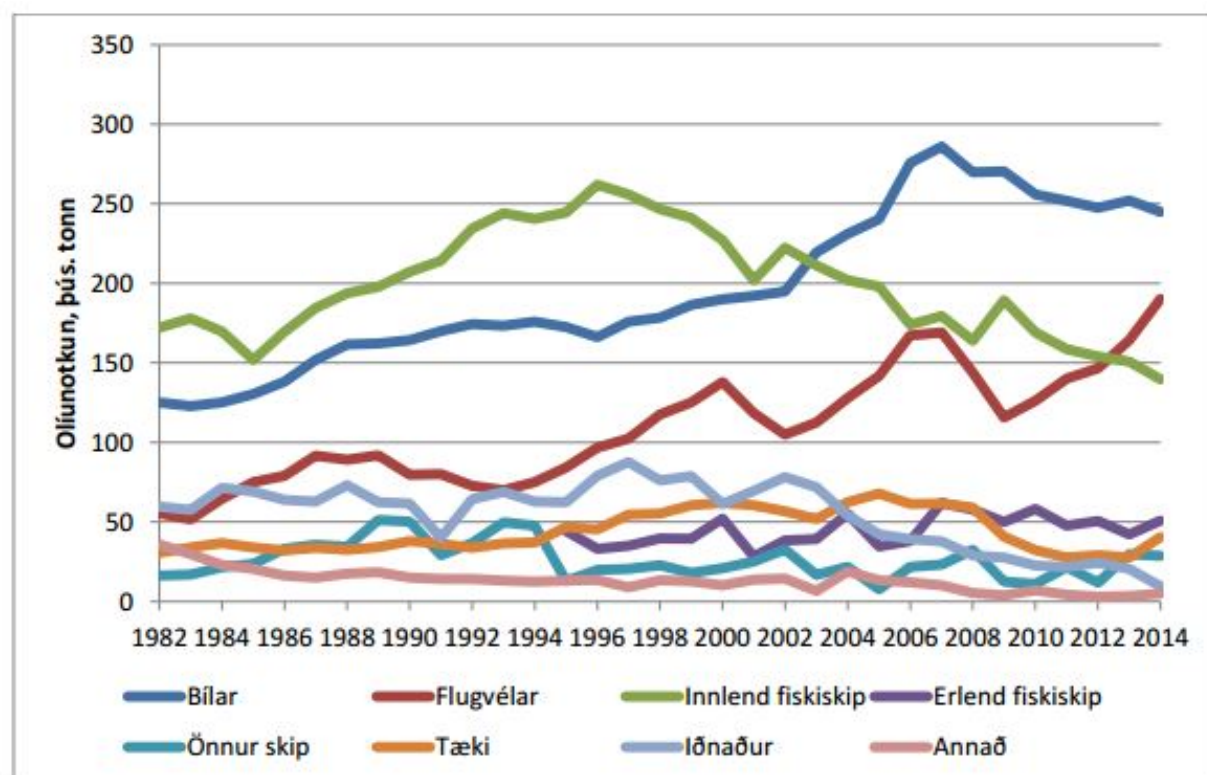
«Big news today - our new ships will have hybrid power, which means that we can sail

RAFGGEYMAR Í SKIP

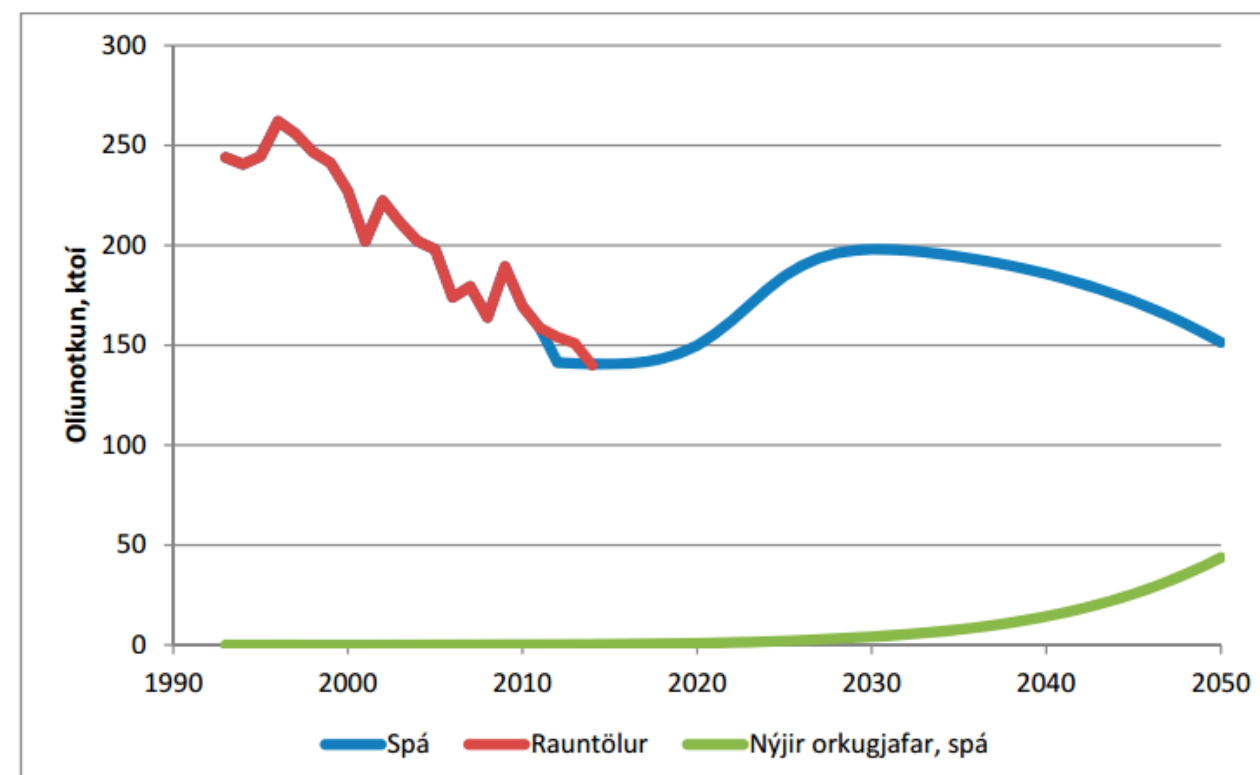
- Strangari öryggiskröfur í skipum
- Dýrari lausnir



Orkunotkun íslenskra fiskiskipa



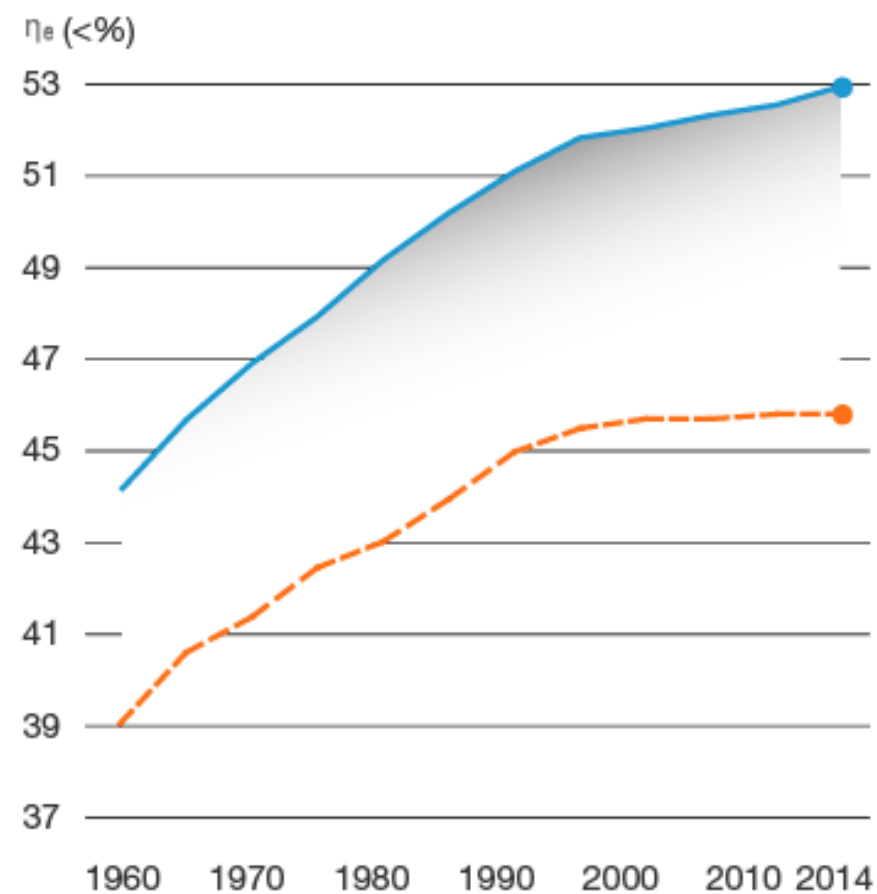
Mynd 3.1. Olíunotkun á Íslandi skipt niður eftir notkunarflokkum. Heimild: Orkustofnun. Notkunartölur fyrir 2014 eru bráðabirgðatölur.



Mynd 3.4. Olíunotkun íslenskra fiskiskipa, rauntölur og spá. Heimild: Orkustofnun.

Orkunýting díselvéla

Wärtsilä engine fuel efficiency development

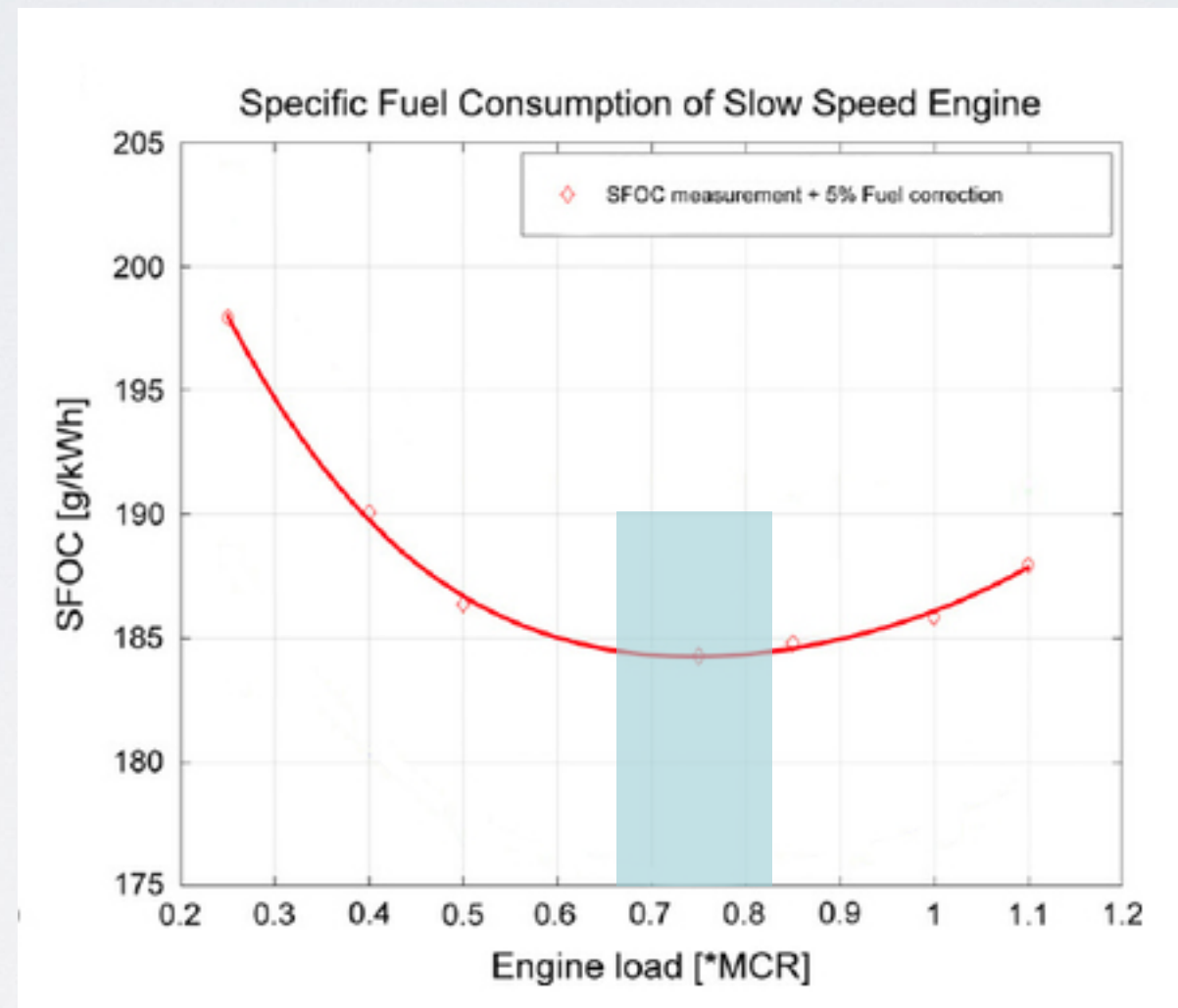


Large-bore diesels

Small-bore diesels

Wärtsilä marine diesel engines
1960-2014 - η_e for production
engines, 5% tolerance.

Orkunýting díselvéla



METANÓL

Framtíðar eldsneyti

METHANOL – THE FUTURE MARINE FUEL!

Toni Stojcevski

SJÖFARTS TIDNINGEN

"Detta är uppenbarligen helt fel. Massor av förädlad gods, inte bara sten och grus, fraktas nämligen..."

[Läs Vattenvägen](#)



Aktuellt Bloggar Jobb & Karriär Annonsera Prenumerera Om oss

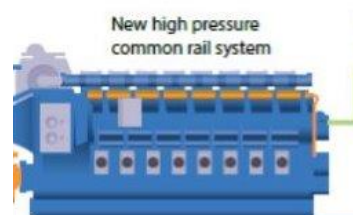
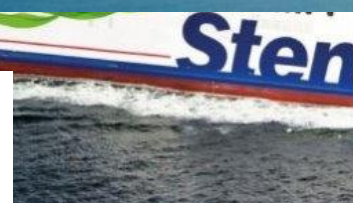
Allt Debatt Hallå där Nybyggen Nyheter

Verdensnyhet under norsk flagg – metanolskip døpt i dag

Av Asle Strønen - apr 18, 2016



Sjöfartsdir. Olav Akselsen under dåpen i Ulsan i dag. Foto: Sjöfartsdirektoratet



Toni Stojcevski / Wartsila



Sjöfartsverket har donerat lotsbåten Pilot 729 till GreenPilot-projektet.

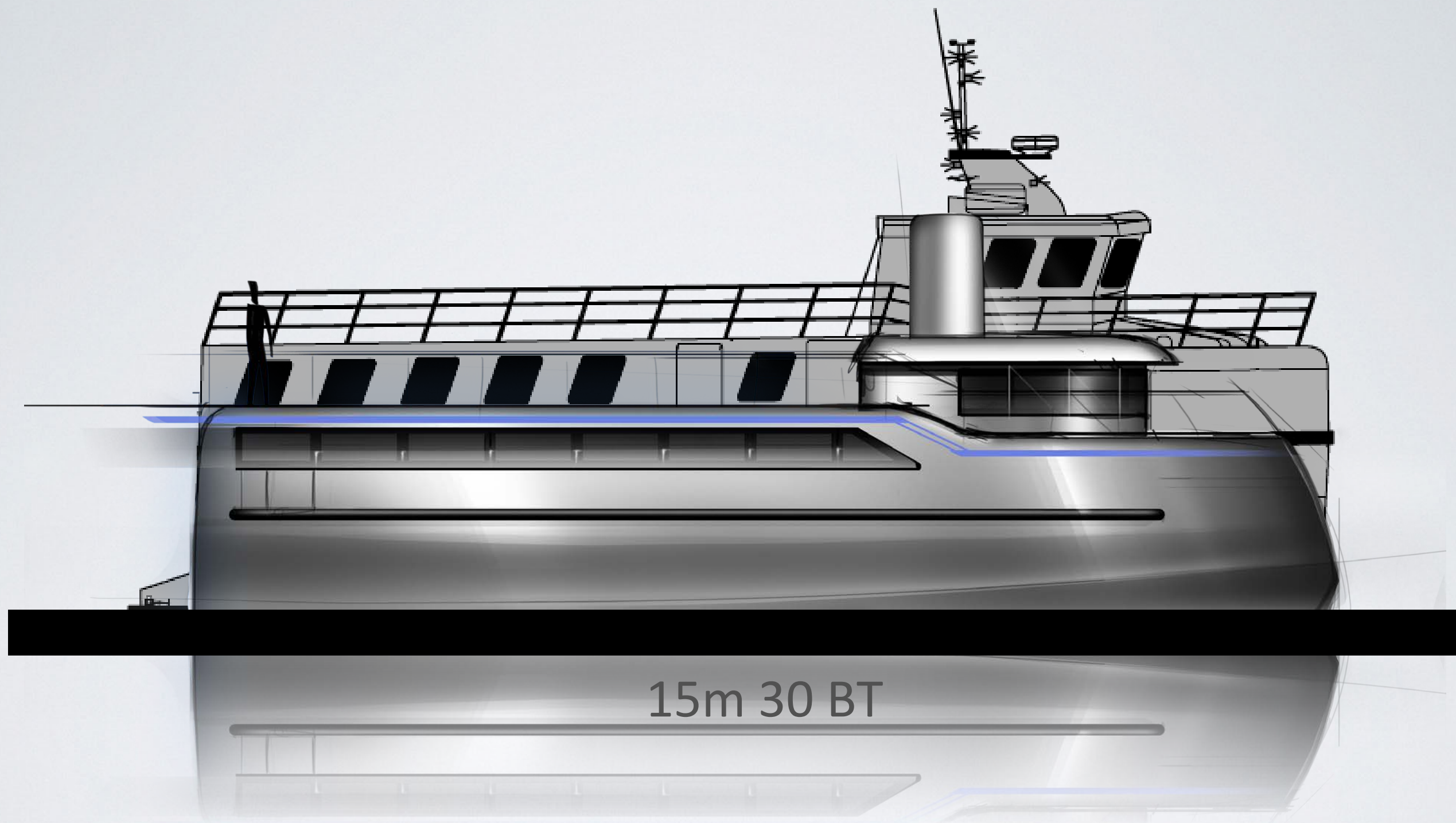
Lars Andersson

Kick off för nytt metanolprojekt

Projektet med att konvertera en lotsbåt till metanoldrift har startat igång på allvar. Projektet beräknas pågå till 2018.

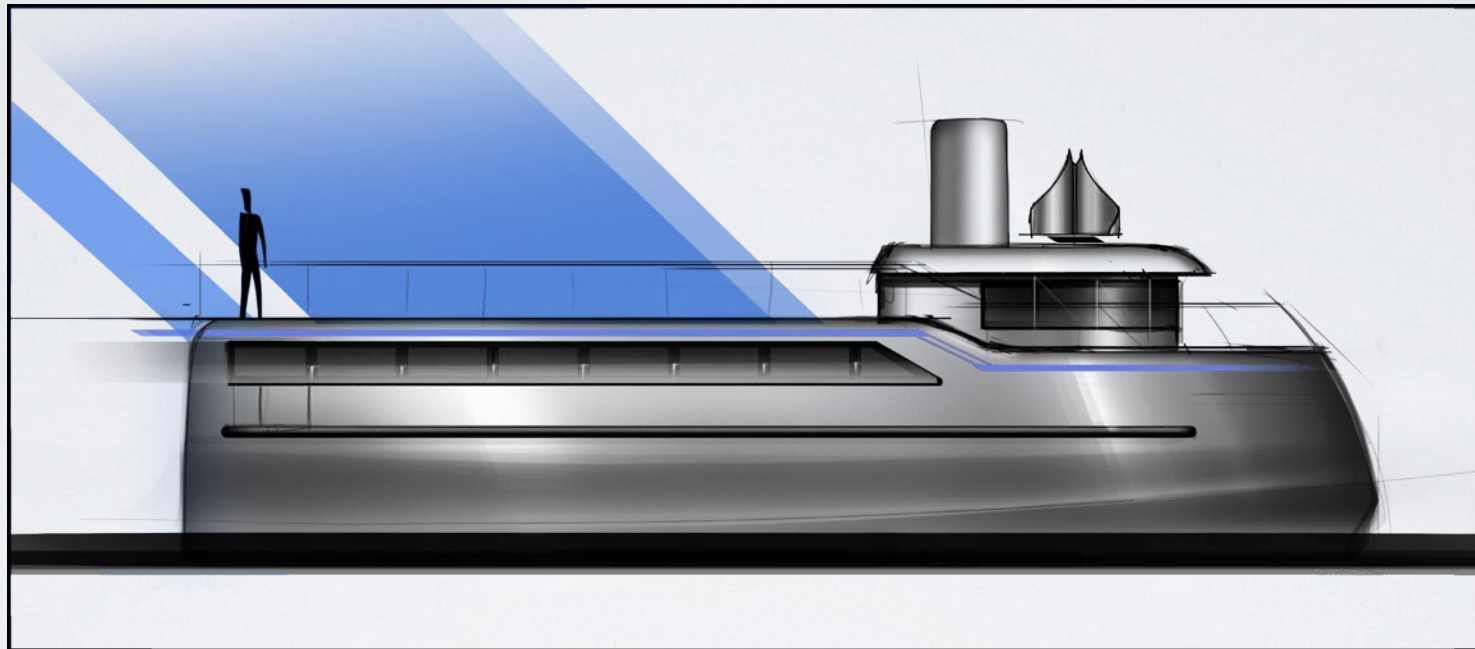
TVINN SKIP

Línubátur Navis ehf



15m 30 BT

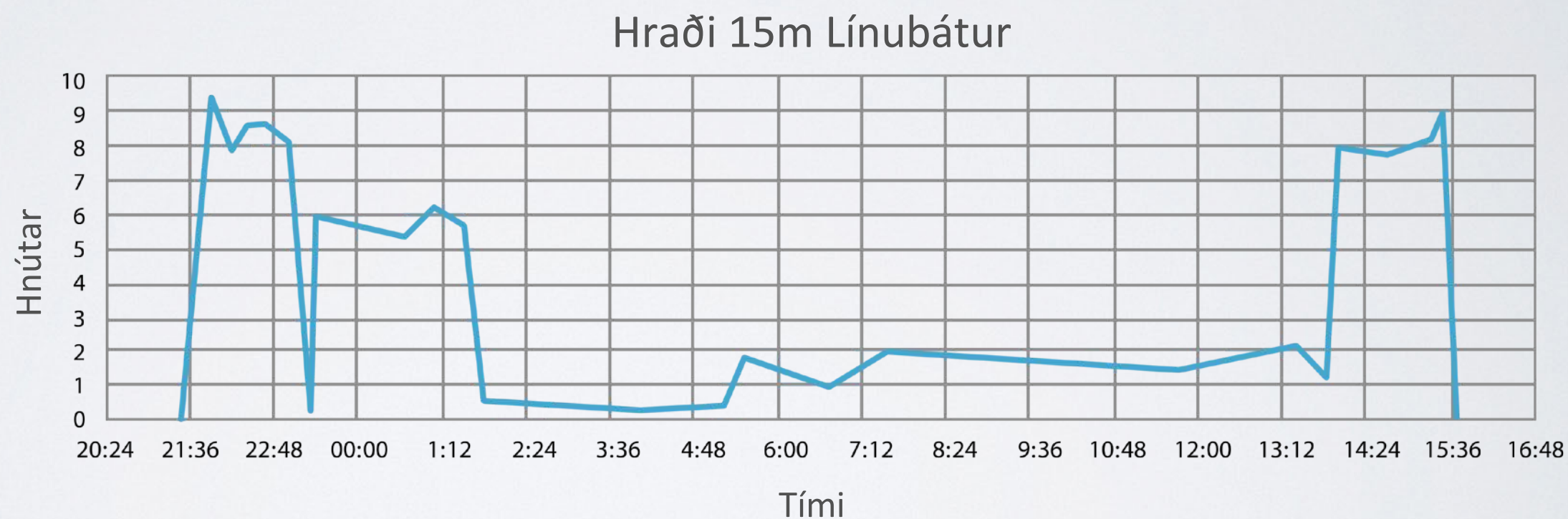
NÝ HÖNNUN FELUR Í SÉR



- Nýtt skrokklag sem hentar raunhraða
- Tvinn kerfi
 - Sprengihreyfill + rafgeymar
- Metanól í stað dísilolíu sem eldsneyti
- Sólar og vind orka
- Eingöngu innlendir orkugjafar

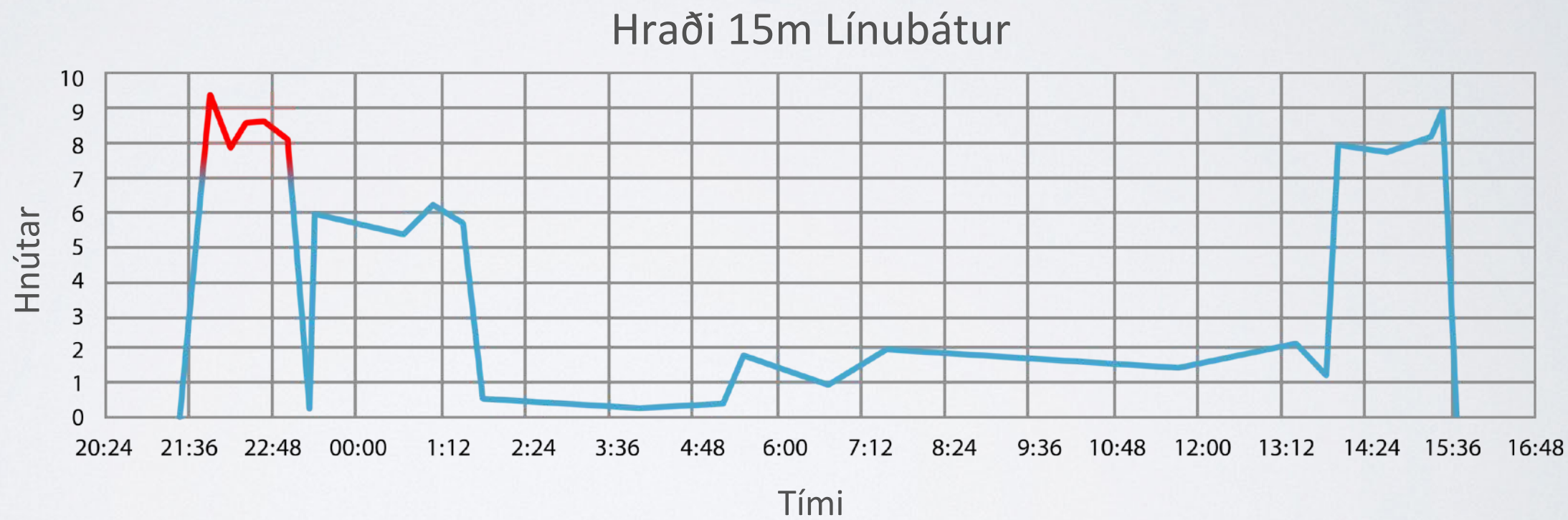
DÆMIGERÐ VEIÐIFERÐ

- Sigling á mið
- Lína lögð
- Bið
- Draga línu
- Heimsigling



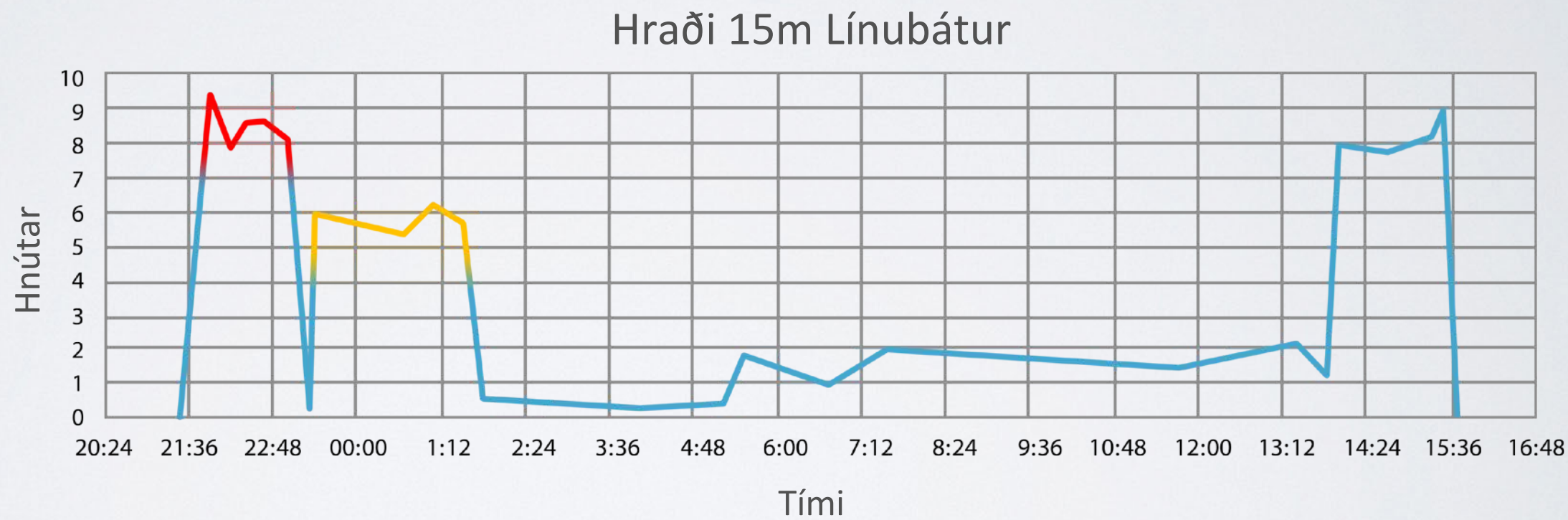
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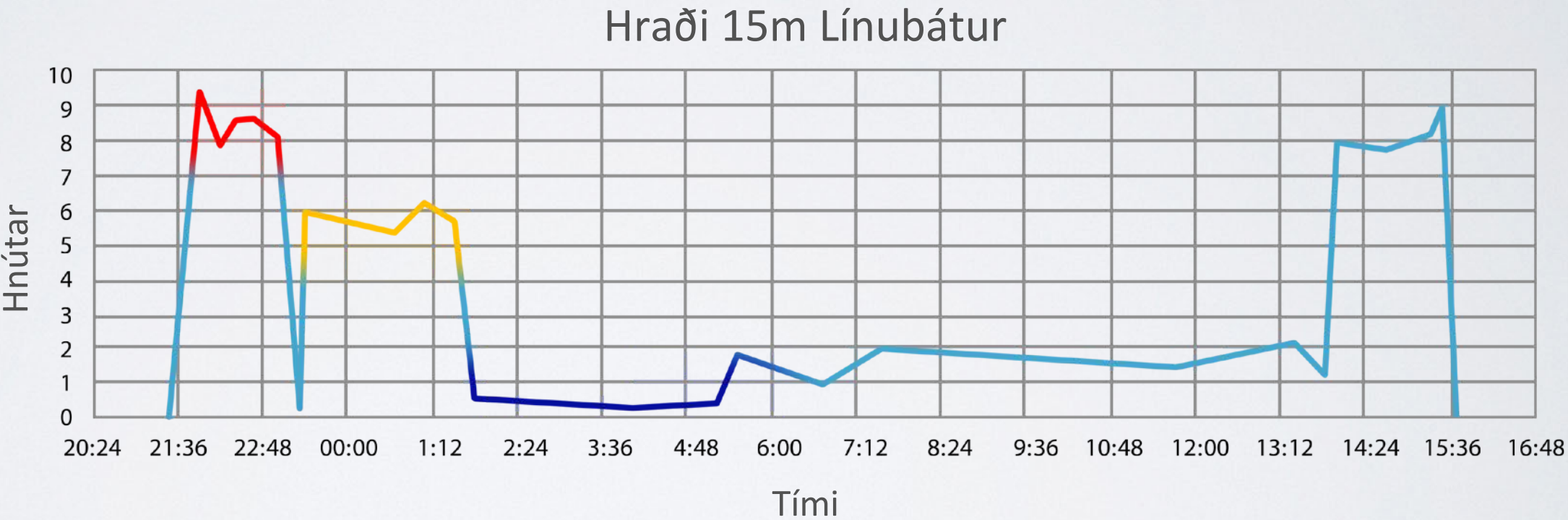
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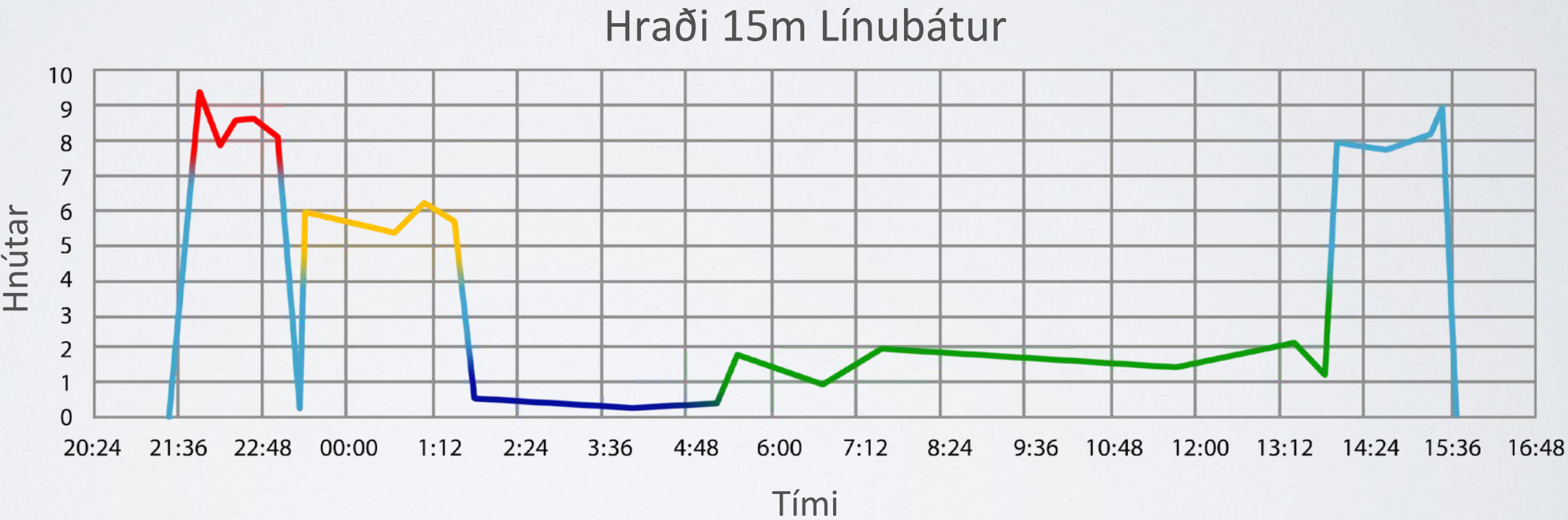
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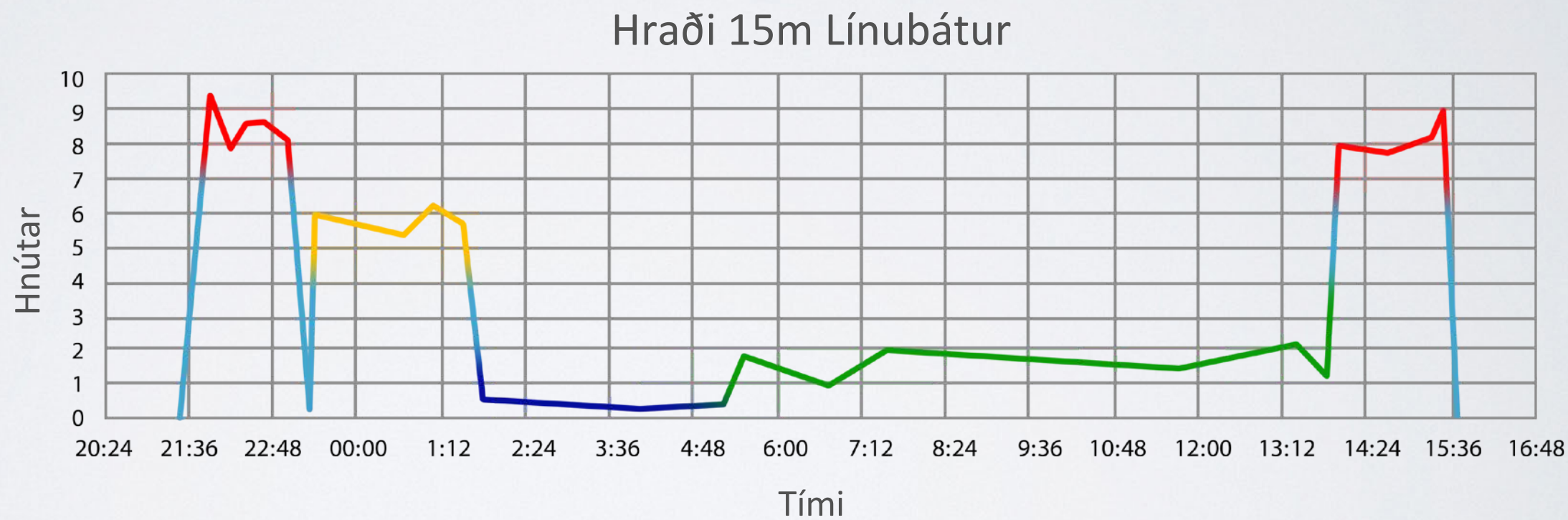
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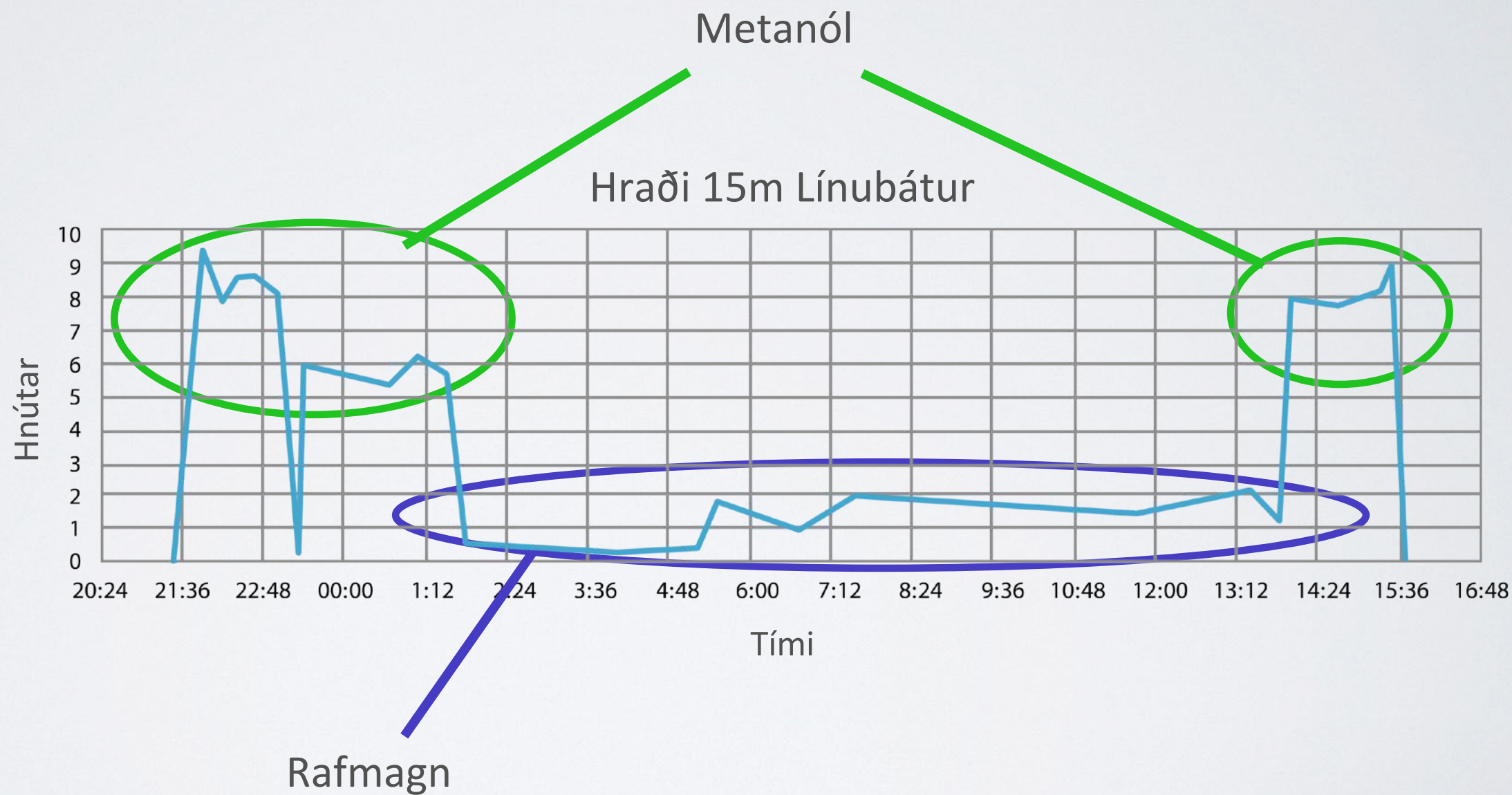
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KOSTIR NÝRRAR HÖNNUNAR

- Betra vinnuumhverfi
- Minni eldsneytisnotkun
- Kostur á ódýru og grænu rafmagni
- Metanól framleitt á Íslandi
- Aukin aflaverðmæti



GRÆN TÆKNI



GREEN MARINE TECHNOLOGY

Fishing ship
OF TOMORROW

