



Öryggi útlandasambanda

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29. október 2025



Fjölþætt gervihnatta varaleið Farice





GEO 36.000 km



Oneweb LEO 1.200 km
Polar Orbit



Starlink LEO
550 km





Sögulegt samhengi

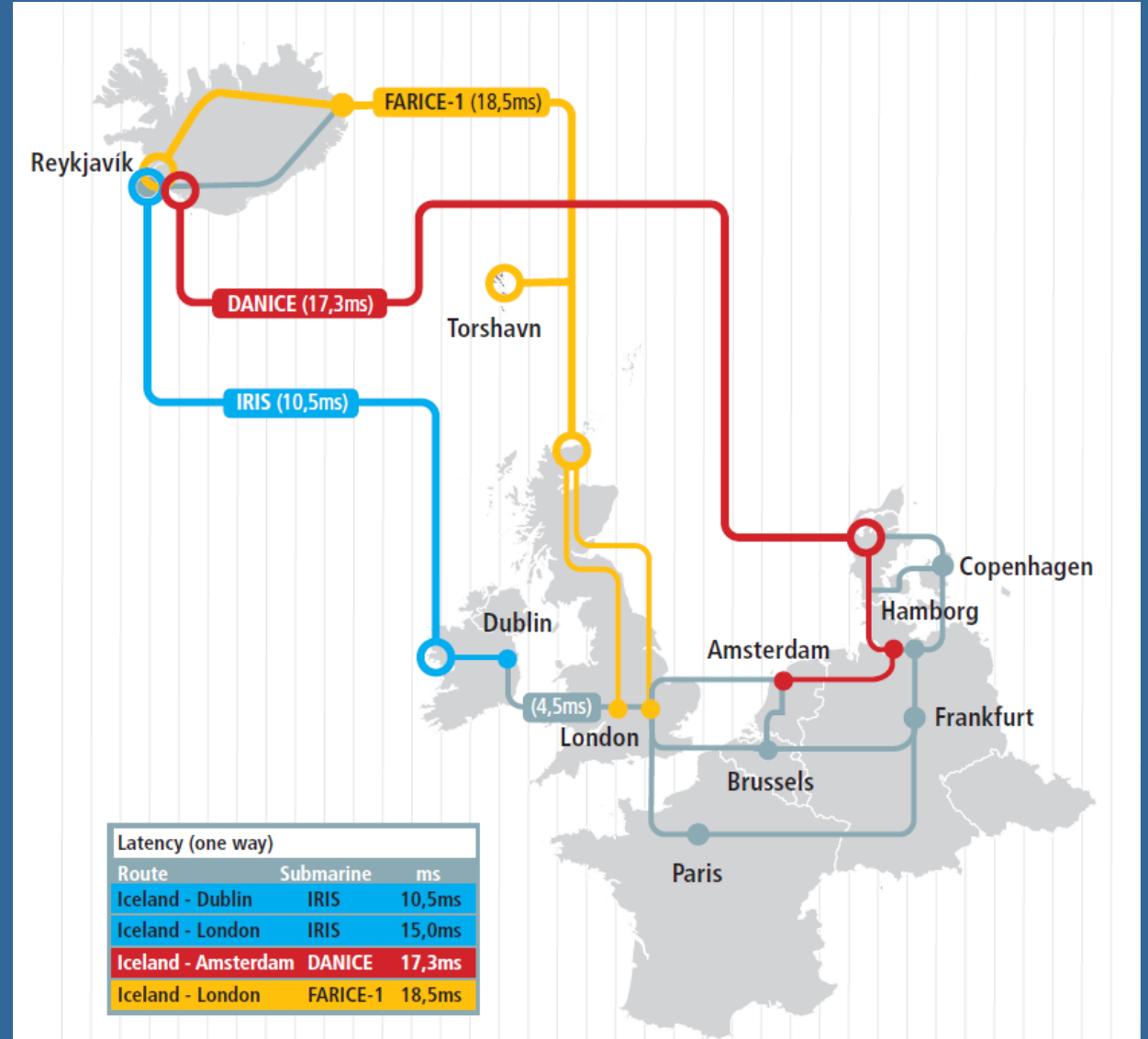
- Símastrengir yfir Atlantshaf 1854
- Parísarsáttmálinn 1884 (1888)
- WW1 mikilvægir innviðir
- Zimmerman-skeytið 1917
- Hafréttarsáttmálinn 1982
- Cantat-3 sæstrengurinn 1994
 - GEO backup
- Heildarútfall ágúst 2002





Hönnun eigin innviða

- Leiðarval
- Plægja dýpra og lengra út
- Fjölbreyttar leiðir innanlands
- Tölfræðilegar líkur á heildar-útfalli mjög lágar mv. 3 strengi
- Þrýstingur á að aðilar nýti allar leiðir





Áhættumat

Protection methods

						<u>Threats</u>	Overland and land mile	Near shore <50m	Off shore 50- 100m	Continental shelf 100- 200m	Deep water 200m+
System design						<u>Natural</u>					
						Sharks	Green	Green	Yellow	Yellow	Green
						Earthquakes	Green	Yellow	Yellow	Red	Red
						Landslides	Green	Green	Green	Red	Red
						Volcano	Red	Red	Green	Red	Red
						Tsunami	Green	Red	Yellow	Yellow	Yellow
	Local awareness					<u>Accidental</u>					
						Fishing	Green	Red	Yellow	Green	Green
						Anchor dragging	Green	Red	Yellow	Green	Green
						Dredging	Green	Red	Green	Green	Green
						<u>Malicious</u>					
						Cyber attack	Red	Red	Green	Green	Green
						Vandalism	Red	Red	Green	Green	Green
						Activists	Red	Red	Green	Green	Green
						Theft	Green	Red	Yellow	Green	Green
						Terrorists	Yellow	Red	Yellow	Yellow	Green
						State-actors	Green	Yellow	Red	Red	Red

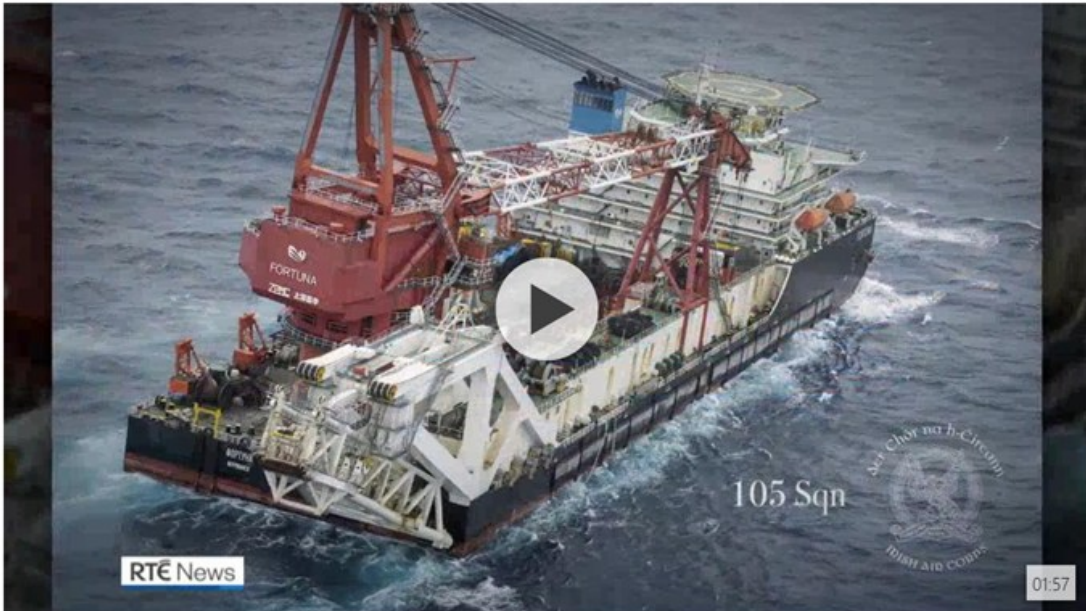


IRIS formlega í notkun 1. mars 2023

- Yantar sannreynir legu strengsins mánuði síðar

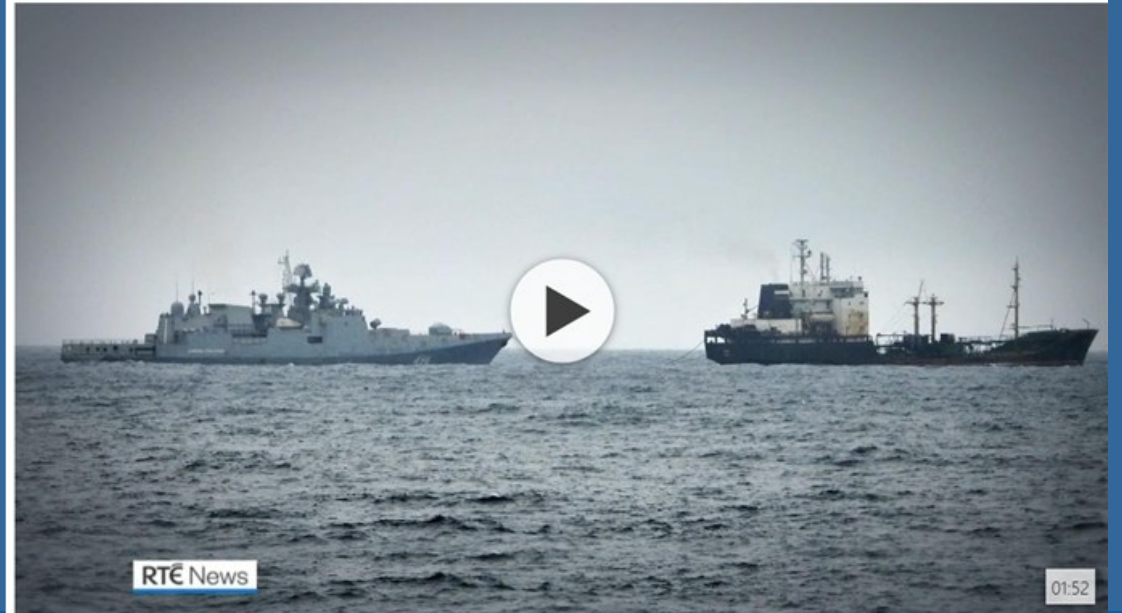
Pictures emerge of Russian ships off west coast of Ireland

Updated / Sunday, 2 Apr 2023 19:37



Four more Russian vessels observed off Irish coast

Updated / Sunday, 7 May 2023 20:45





Fjölþáttaógnir

Current news from Cinia

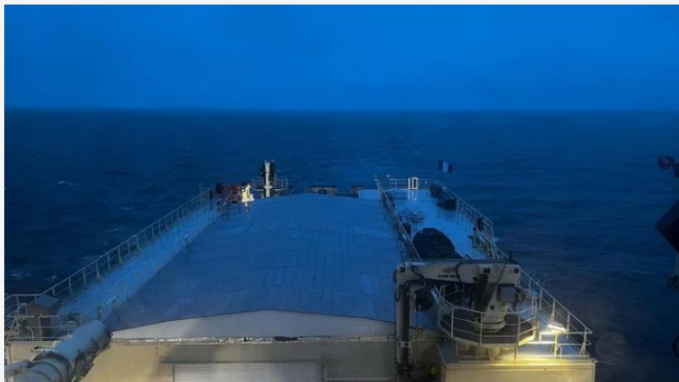


26.12.2024

Fault Detected in Cinia C-Lion1 Submarine Cable

A fault was detected in Cinia Oy's C-Lion1 submarine cable, connecting Finland and Germany, on Wednesday, December 25,...

[Read full post →](#)

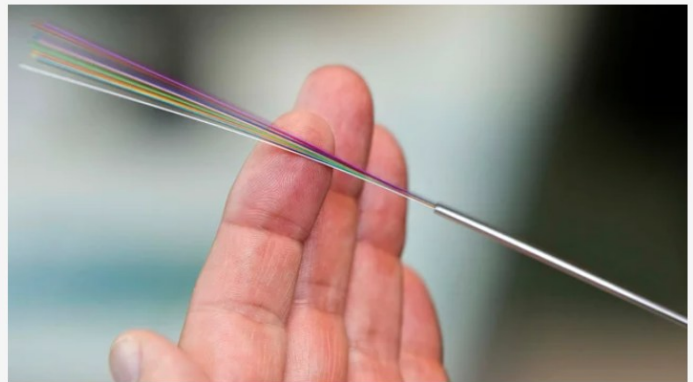


29.11.2024

Cinia's C-Lion1 Submarine Cable Has Fully Restored

The break in Cinia's C-Lion1 submarine cable has been repaired and the direct submarine cable connection between...

[Read full post →](#)



18.11.2024

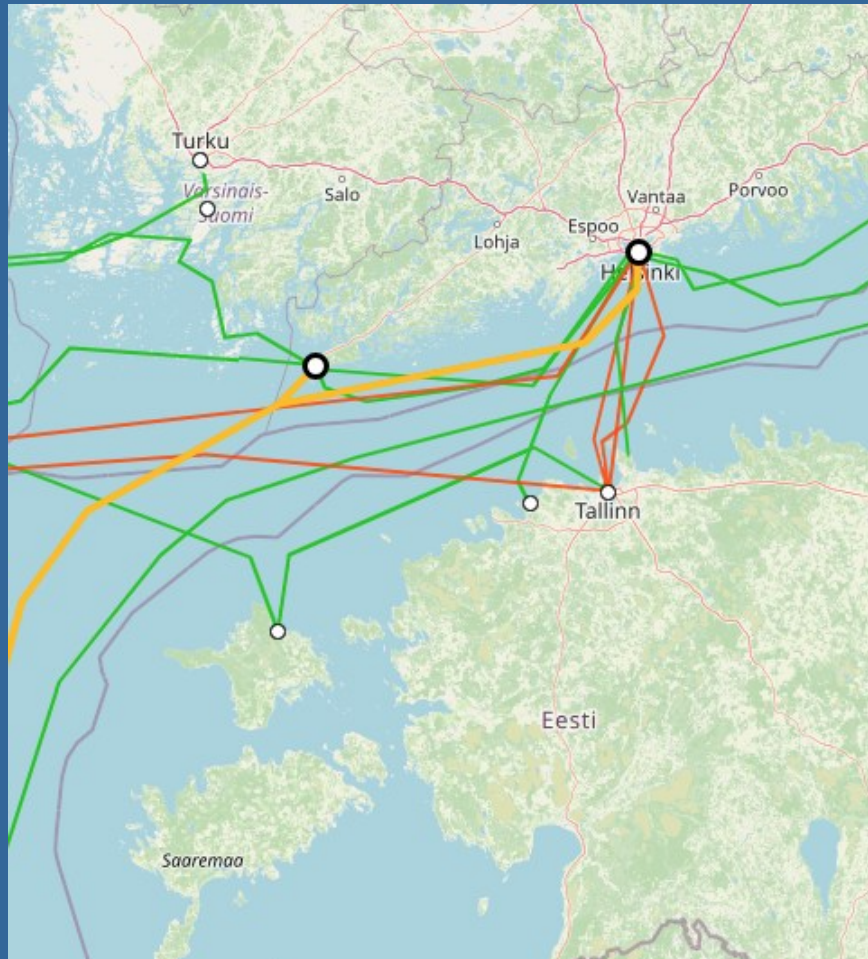
A fault in the Cinia C-Lion1 submarine cable between Finland and Germany

A fault has been detected in the Cinia Oy C-Lion1 submarine cable between Finland and Germany and corrective measures...

[Read full post →](#)



Fjölþáttaógnir





Hnitmiðuð viðbrögð við skemmdarverkum

- Finnar yfirtaka skip utan landhelgi en innan efnahagslögsögu
- Ákæra og vísa til áhrifalögsögu (objective territorial jurisdiction) en ekki UNCLOS.
- Aðeins fánaríki hefur lögsögu utan landhelgi!
- Hafréttarsáttmálinn leyfir uppgöngu og valdbeitingu innan efnahagslögsögu að ströngum skilyrðum uppfylltum.
- Hliðstæður við Polar Nanoq málið og spurning um lögregluvald.



Seigla samfélags

- Skýrsla samráðshóps þingmanna, sept 2025
 - *Lega Íslands er mikilvæg í hernaðarlegu tilliti.*
 - *Geta ógnaraðila til skemmdaverka nær á mikið dýpi*
- Skyldur Íslands skv. 3. gr. NATO sáttmálans
 - Tryggja þarf viðnámsprótt samfélagsins
 - Sjö grunnviðmið samfélagslegs áfallapols
 - Nær öll byggja á öruggum útlandasamböndum.

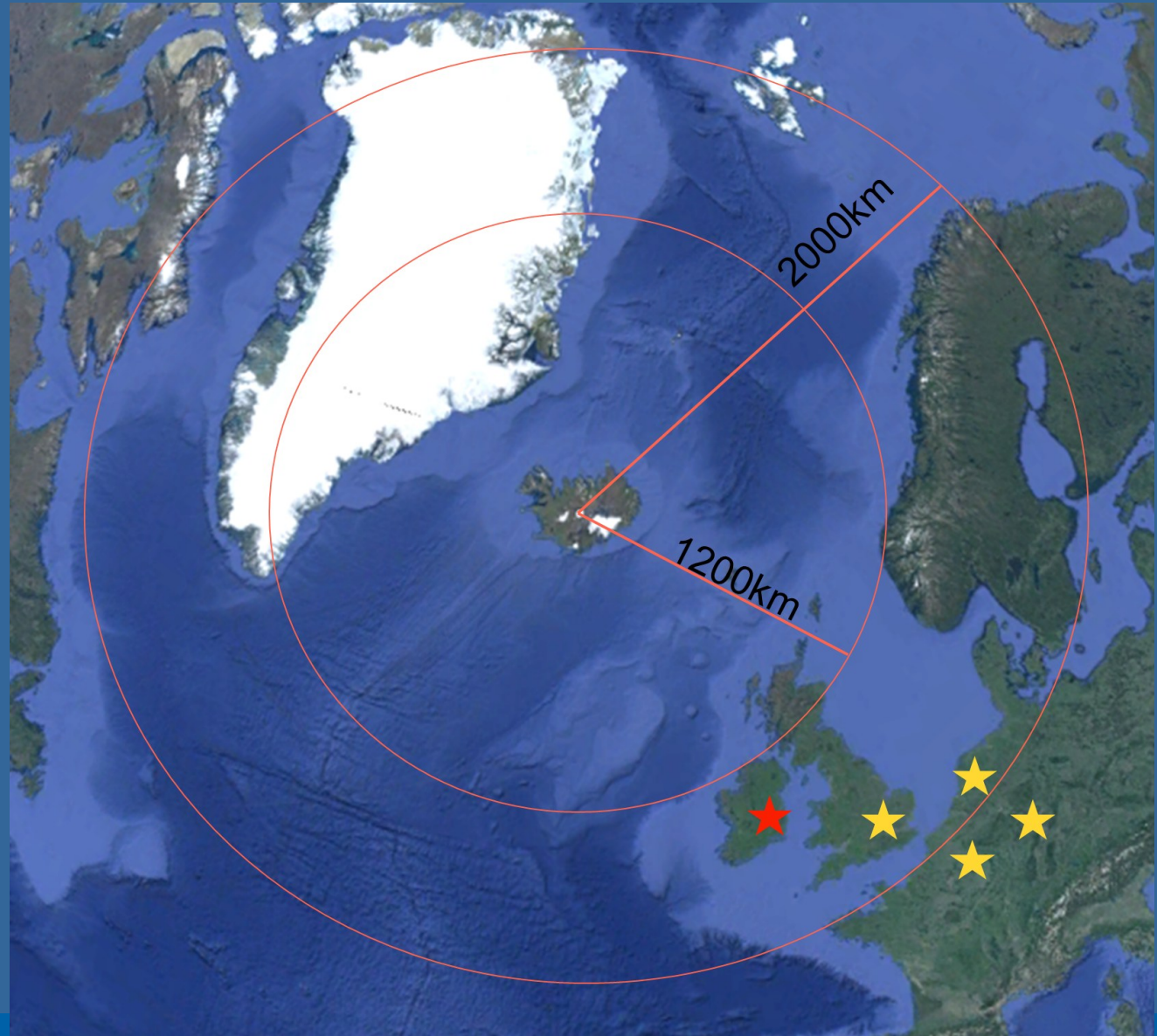
Áfallapol og borgaralegar varnir eru á ábyrgð hvers og eins ríkis og hafa bandalagsríkin til hliðsjónar sjö grunnviðmið bandalagsins:

- 1 Tryggja samfellu í stjórnsýslu og lykilþjónustu stjórnvalda,
- 2 Áfallapol orkuaðgengis,
- 3 Skilvirk geta til að framkvæma ófyrirséða fólksflutninga,
- 4 Áfallapol matar- og vatnsaðfanga,
- 5 Geta til að meðhöndla fjöldadauðsföll og heilbrigðisáföll,
- 6 Áfallapol borgaralegs fjarskiptakerfis,
- 7 Áfallapol borgaralegs samgöngukerfis.



Eftirlit á hafi

- LHG sinnir eftirliti innan EEZ IS
- Sæstrengir Farice þvera EEZ DK, NO, UK, IRL
- Tvíhliða samstarf
- JEF fylgist með skugga flota (Nordic Warden)
- Mikil umferð IS EEZ





Samantekt

- Mikilvæg innviðafyrirtæki geri áhættumat á lykilþáttum
- Tryggjum eigin getu til eftirlits með efnahagslögsögu
- Þróum kerfi sem ganga innanlands
- Nýtum fjölþættar leiðir gegn fjölþátta ógnum
- Varaleið Farice



Sabotaged Baltic Sea Cables:
This is what has happened

Intentional Damage To
Submarine Cable Systems By
States

How sabotage on undersea cables affects
our digital world

NATO's Baltic Sea allies band together to deter
suspected sabotage of undersea cables

Undersea cables in the Baltic Sea have been damaged or destroyed in
recent days, raising concerns about the security of the region's
digital infrastructure.

What to know about Finland, Russia's
'shadow fleet' and a severed undersea
cable

„Algjört þjóðaröryggismál að hafa þetta
lagi" lagi

Sameiginleg vinnustofa Íslands og Írlands um
öryggi sæstrengja

ad gerist ef allir sæstrengir
fna?

The Great Underwater
War: How Submarine
Cable Sabotage Could
Trigger a Global Crisis

European officials cry sabotage after two
internet cables are cut in the Baltic Sea

NATO will step up Baltic Sea patrols as
Finland probes the possible sabotage
of undersea cables

Chinese Ship Suspected of Undersea
Cable Sabotage Detained in 'NATO
Lake'

Finland urges NATO, EU to
shield critical networks after
undersea cables damaged

NATO Hunts for Sea-Cable Saboteurs
but Can't Find Proof
Prosecutors have been slow since the military alliance began
responding to what it's suspected sabotage in the Baltic Sea

How NATO is organizing to protect submarine
cables after series of incidents
Several of these critical data highways have been damaged in recent weeks. "Complicated"
to location in the Baltic Sea, the focus part of part of Baltic Sea of the ship involved. NATO
members have decided on new measures to track down the culprit.

Accident or sabotage? American and European
officials disagree as key undersea cables are cut

NATO alarm as another undersea cable 'sabotaged'

Eftirlit með sæstrengjum er áskorun
Baltic Sea undersea 'sabotage' sets stage for
escalating NATO-Russia contest

Sæstrengir Íslands í hættu – Vaxandi
öryggisógn í Norður-Atlantshafi

Íslendingar geta ekki varið sæstrengi við
landið

NATO deploys forces to Baltic Sea countering
undersea cable sabotage

Two undersea cables in Baltic Sea disrupted,
sparking warnings of possible 'hybrid warfare'

Chinese vessel under investigation after 2
data cables found cut in the Baltic Sea

At Least 11 Baltic Cables Sabotaged in 15 Months: What to
Know

Baltic Sea Cable Cuts Raise Nordic,
German Suspensions Of Russian Sabotage

Landneigamik ekki símt sem skyldi og
sæstrengir illa varðir

Ships, sea drones and AI: How NATO is
hardening its defense of critical Baltic
undersea cables

Sweden to Send Warships, Surveillance
Jet to Baltics to Bolster NATO Defense

Severed undersea cables raise legal
challenges for NATO

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Afa viðbragð við rofi á sæstrengjum

