

Mines marines

Impacts et déblaiement post-conflit

19/02/2019

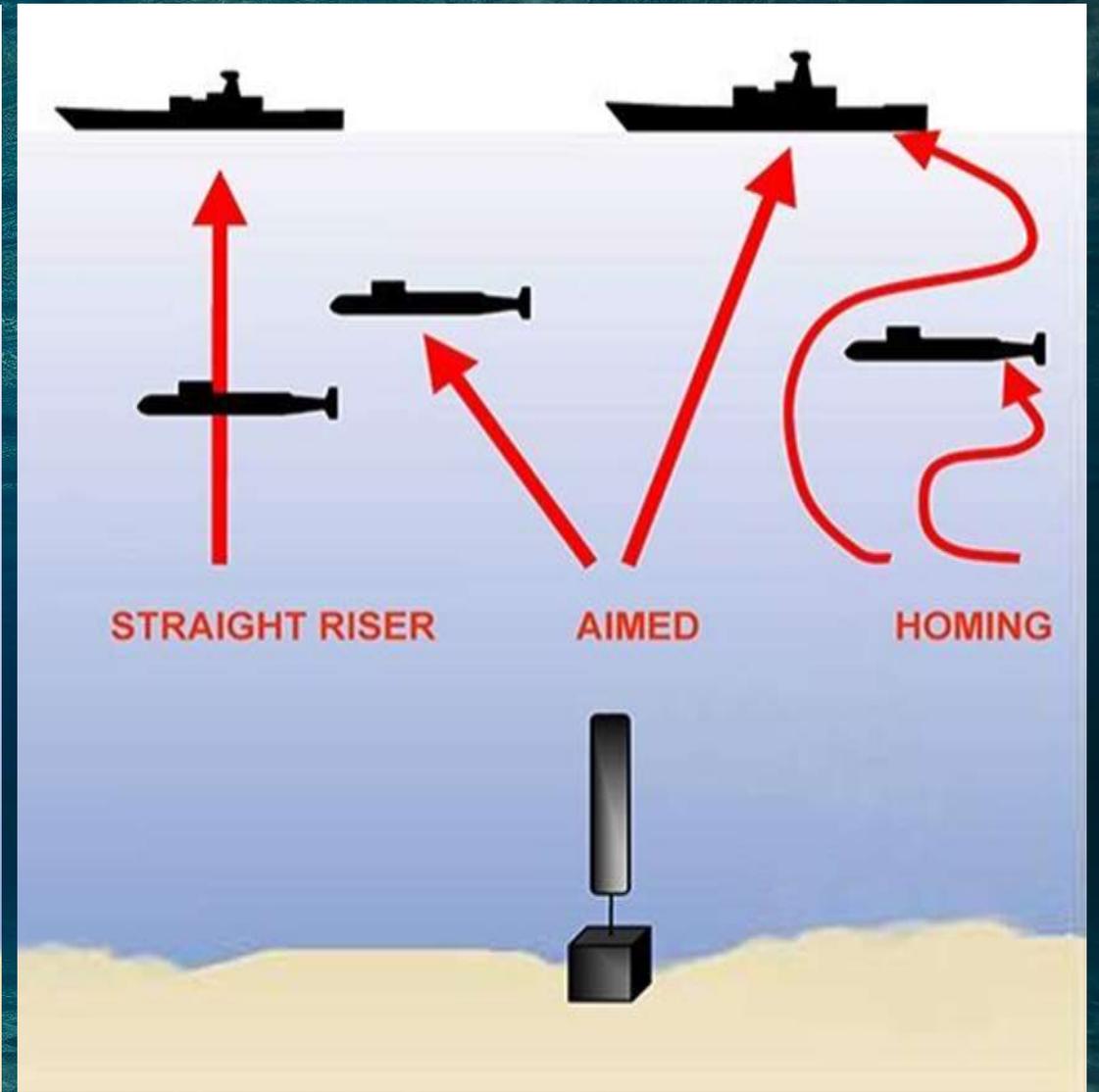
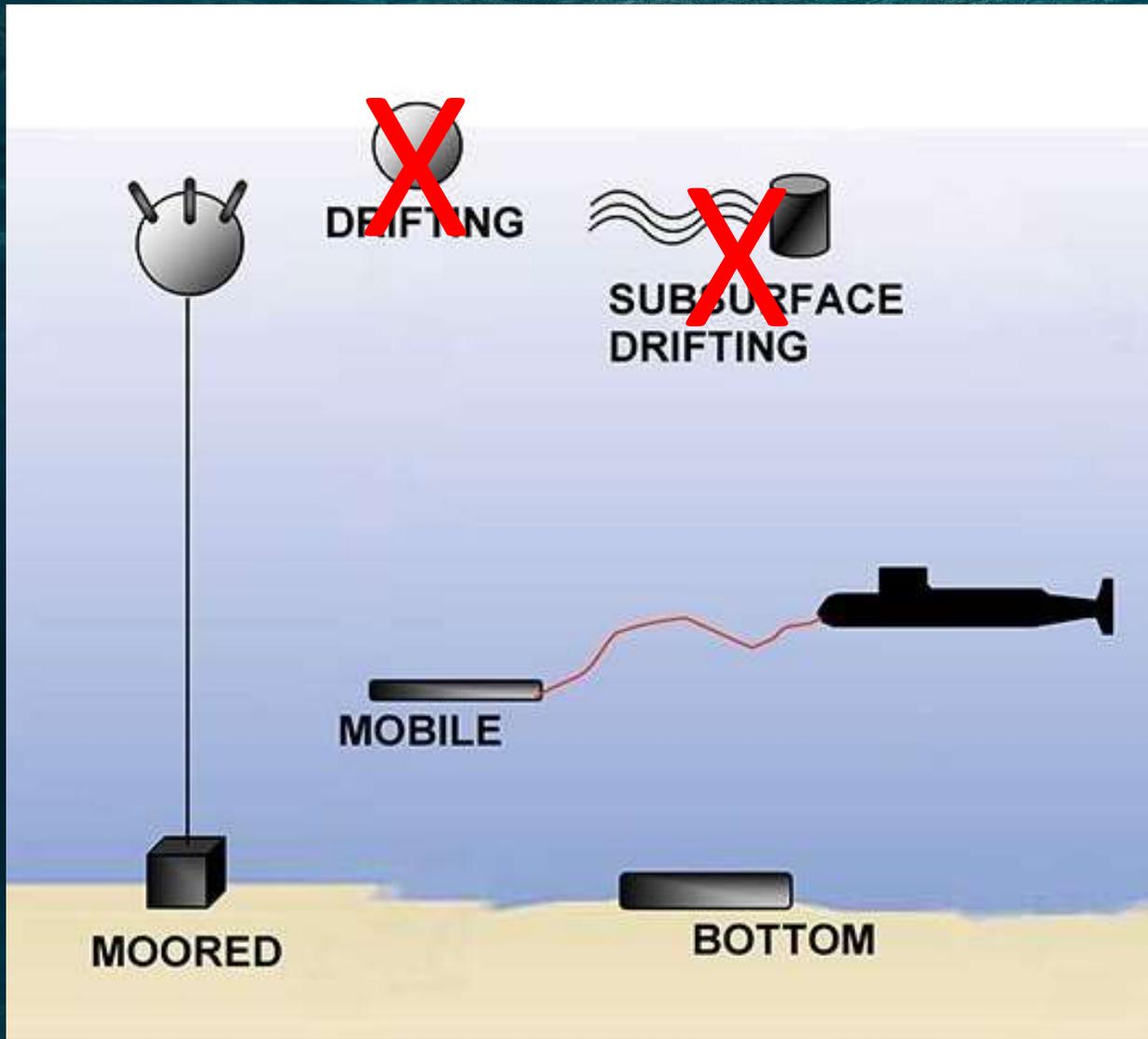
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Sea Mine

*“In naval mine warfare,
an explosive device laid in the water
with the intention of damaging or sinking ships
or of deterring shipping from entering an area”*

*...one of the most economical and useful weapons ever
built for control of the Seas*







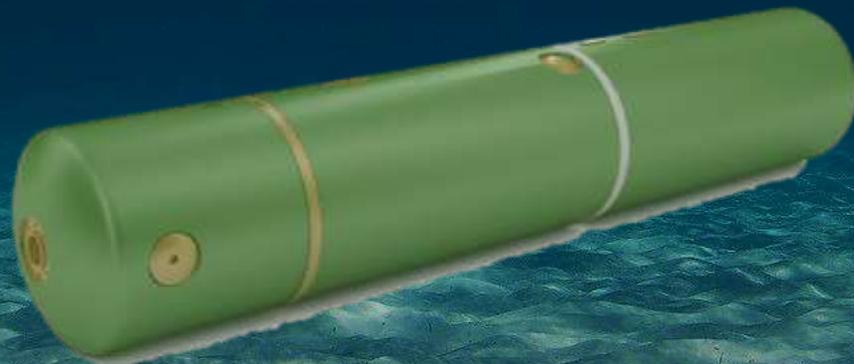
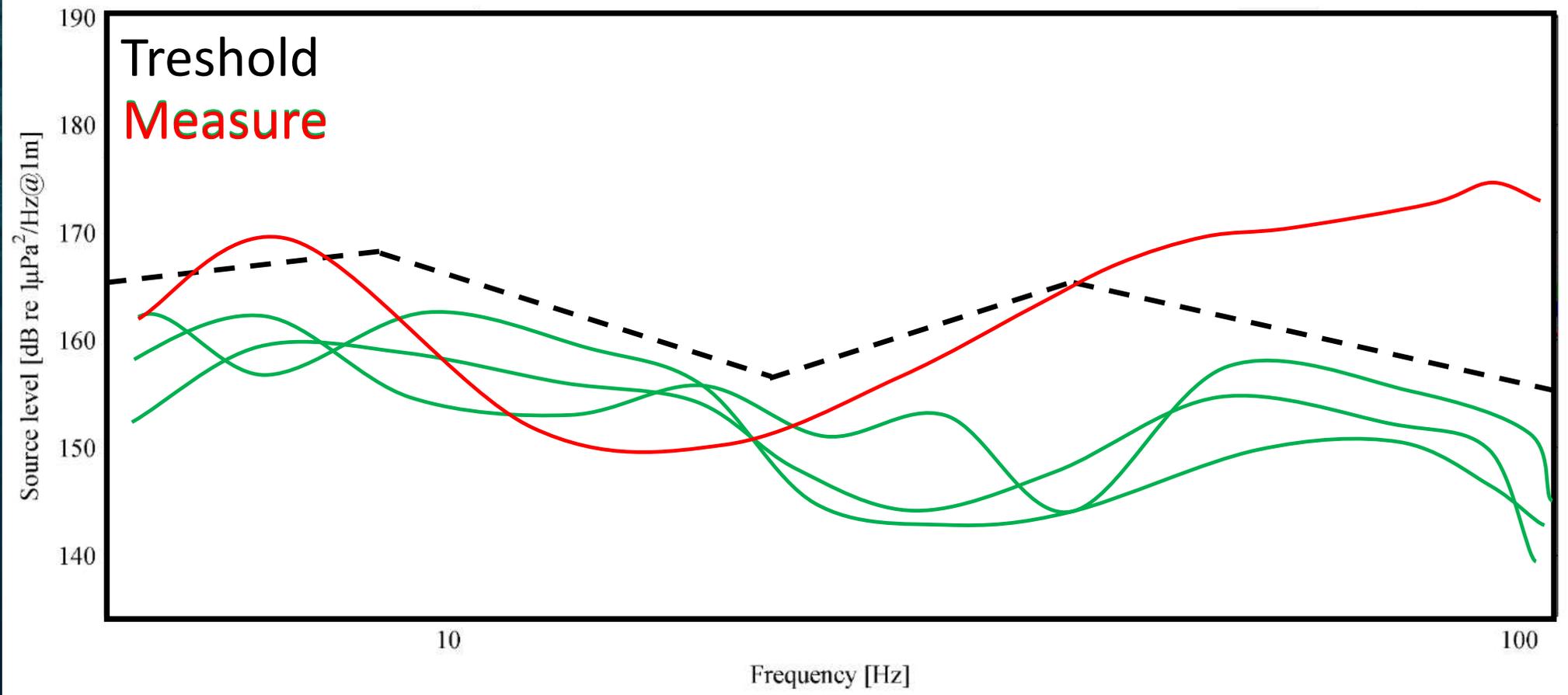


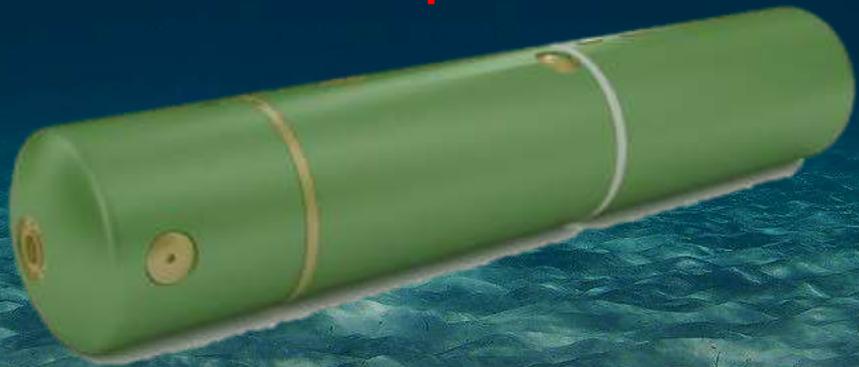
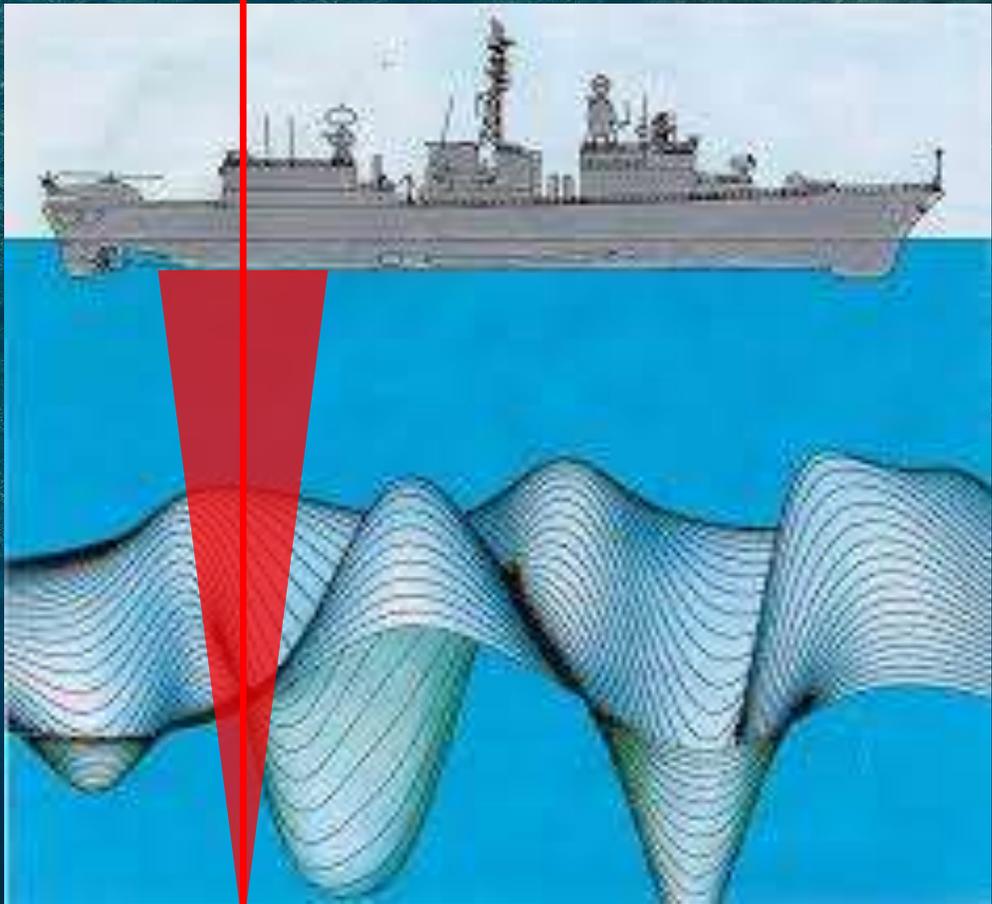


البحر
المسجون

Mine logic







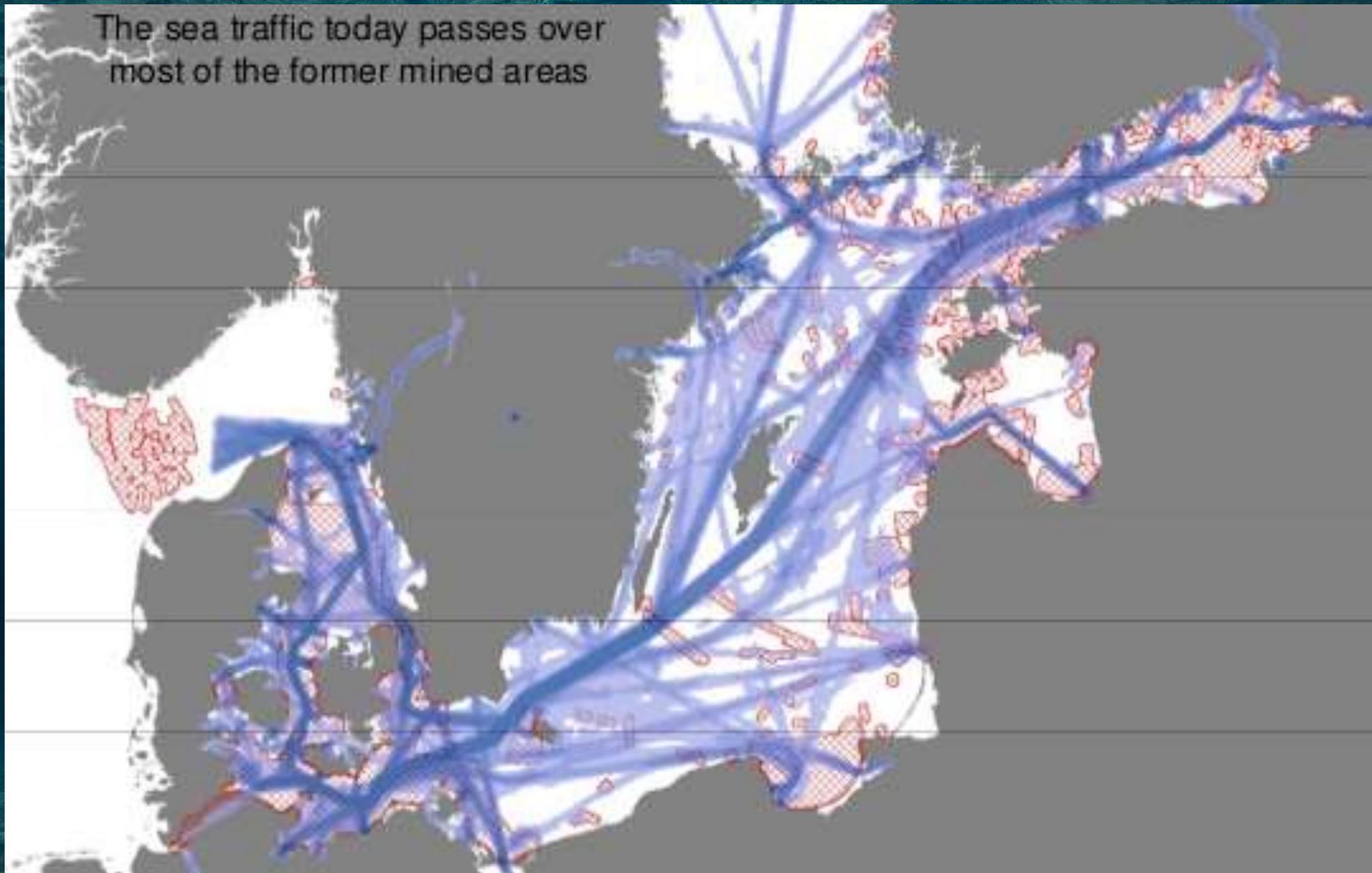


180 000 mines laid in 2200
minefields 1848-1945

Around 15-30% (50,000) are reckoned to be still lying on the sea bed mainly in The Quark, the area between Skagen and the Swedish mainland and in the Sound with the largest concentrations in the Gulf of Finland and the Irbe strait.



The sea traffic today passes over most of the former mined areas



Drie zeemannen komen om door explosie op schip

06 april 2005 16:22

Laatste update: 06 april 2005 23:10



DEN HELDER
woensda
Wereld
de krach
vaartuig

Aan boord
explosie
westen v
naar de h
aan.



Ouddorp zijn
bom uit de Tweede
ers sloegen door
erleed op het

ent van de
ter ten
gen kracht
sdagavond

Grandcamp-Maisy. Deux pêcheurs remontent une bombe d'une tonne

Modifié le 14/06/2017 à 15:46 | Publié le 14/06/2017 à 15:15





Marine maakt 1000e explosief onschadelijk

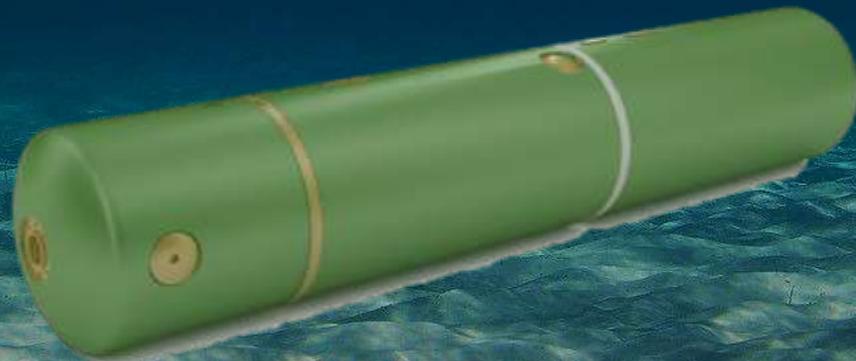
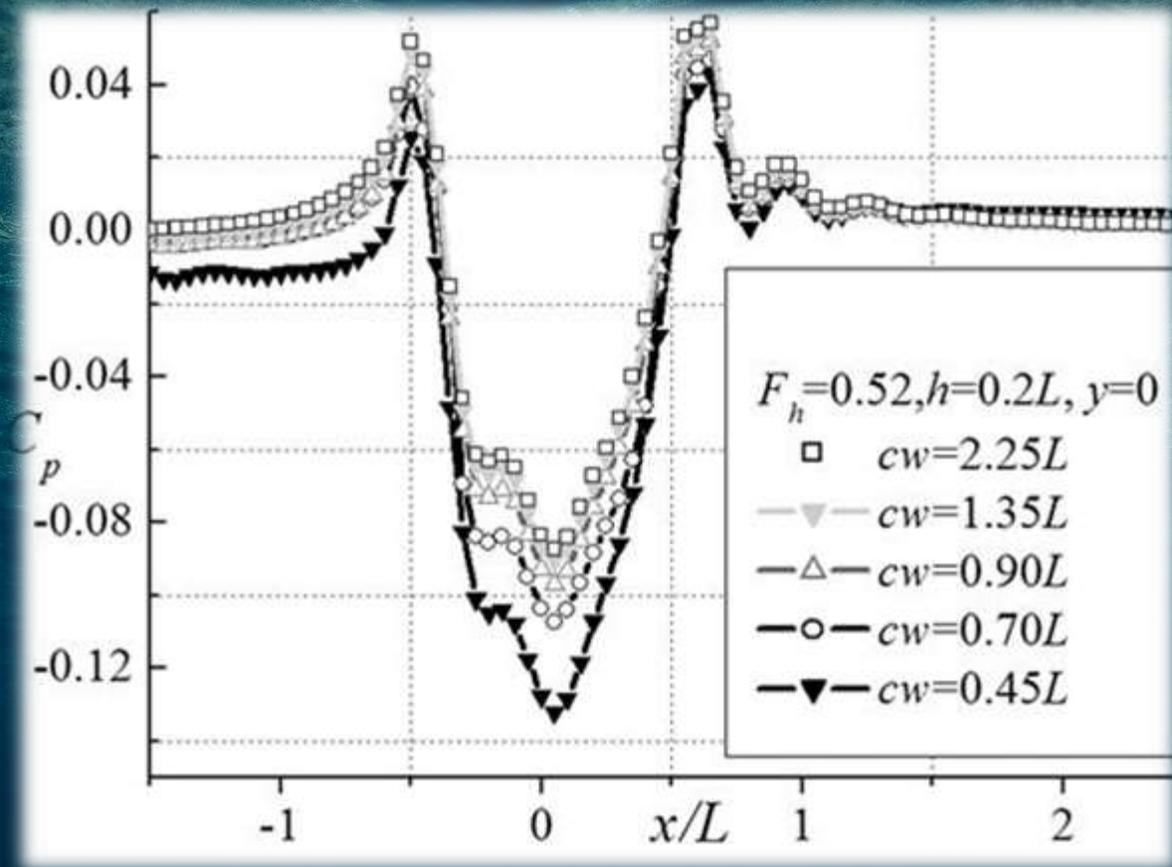
De Nederlandse mijnenjager Hr. Ms. Willemstad heeft vandaag voor de kust van Hoek van Holland het 1000e explosief sinds 2005 onschadelijk gemaakt. In dat jaar intensiveerde de Nederlandse en Belgische marine de mijnenjacht op de Noordzee, nadat 3 vissers omkwamen toen een opgeviste vliegtuigbom aan boord ontplofte.









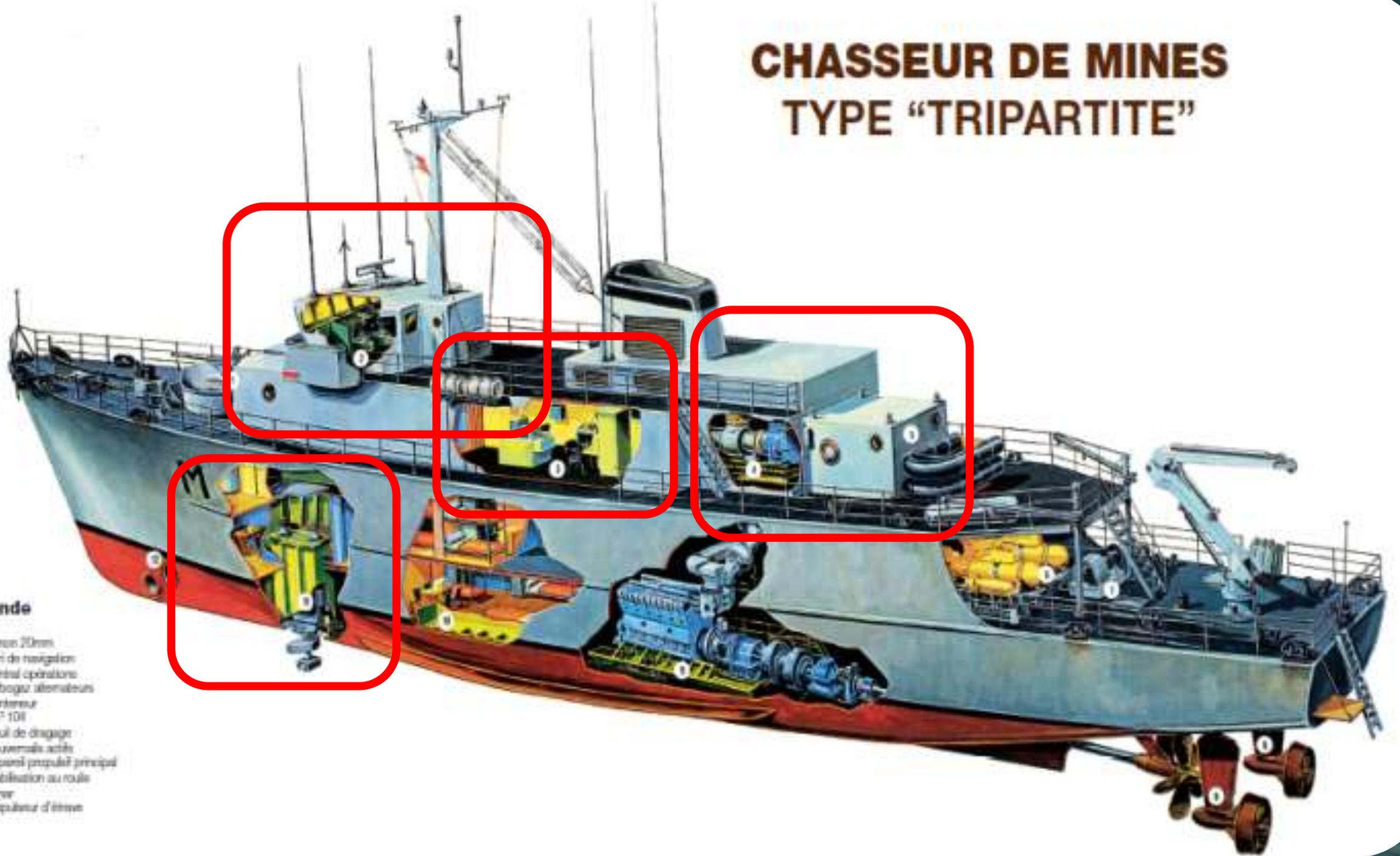




- 1985...
- 560 T
- 15 nœuds
- 3000 Nm



CHASSEUR DE MINES TYPE "TRIPARTITE"



légende

- 1 Caron 20mm
- 2 Abri de navigation
- 3 Central opérations
- 4 Turbogaz alternateur
- 5 Conteneur
- 6 FMP 104
- 7 Treuil de dragage
- 8 Gouvernails actifs
- 9 Appareil propulsif principal
- 10 Stabilisation au roulis
- 11 Scow
- 12 Propulseur d'étrave

Sea traffic



Fishery

+



Anchorage Areas

+



Depth

+



Intelligence

+



Mine density

+



Clearance

-





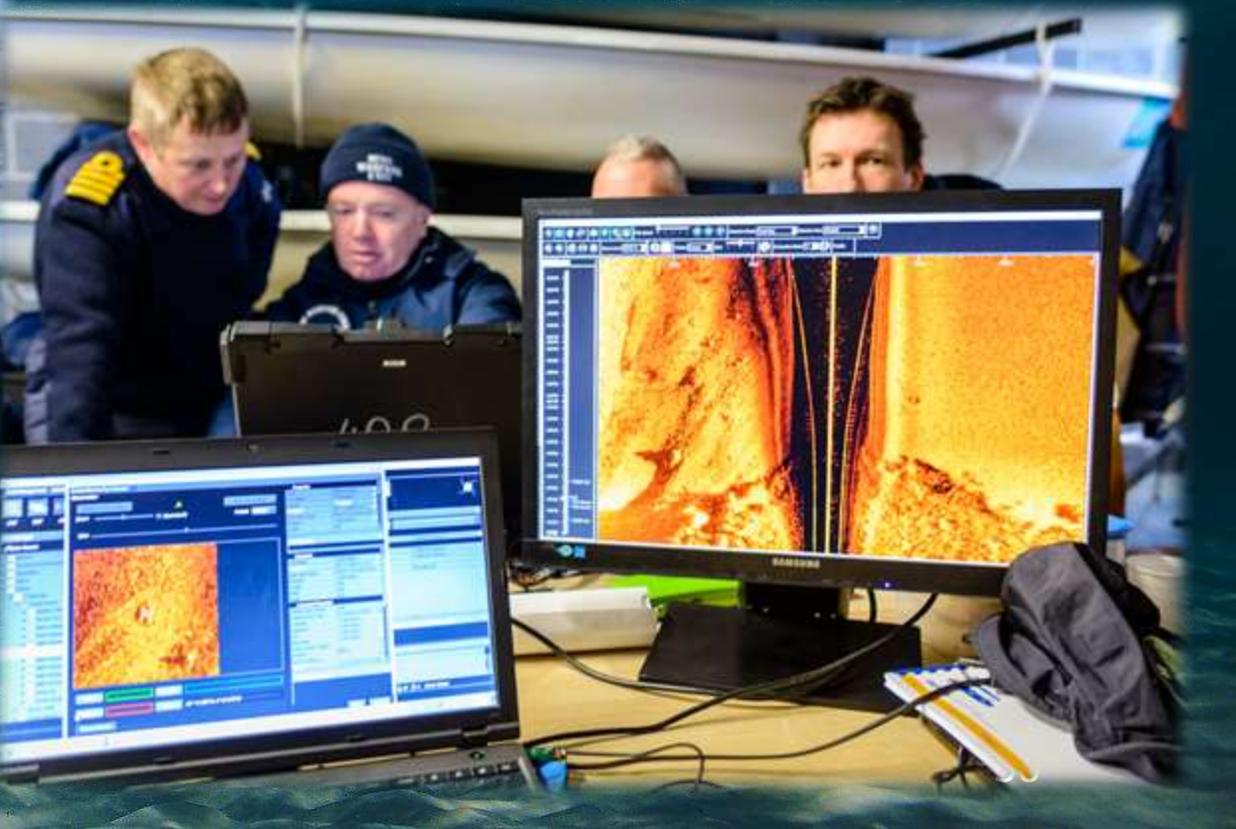


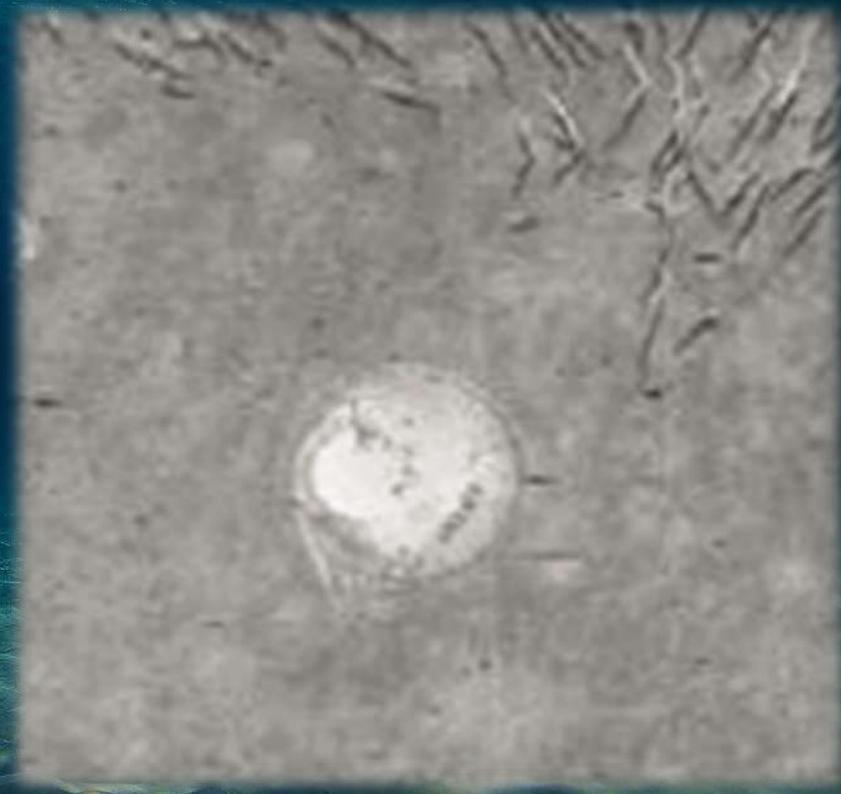
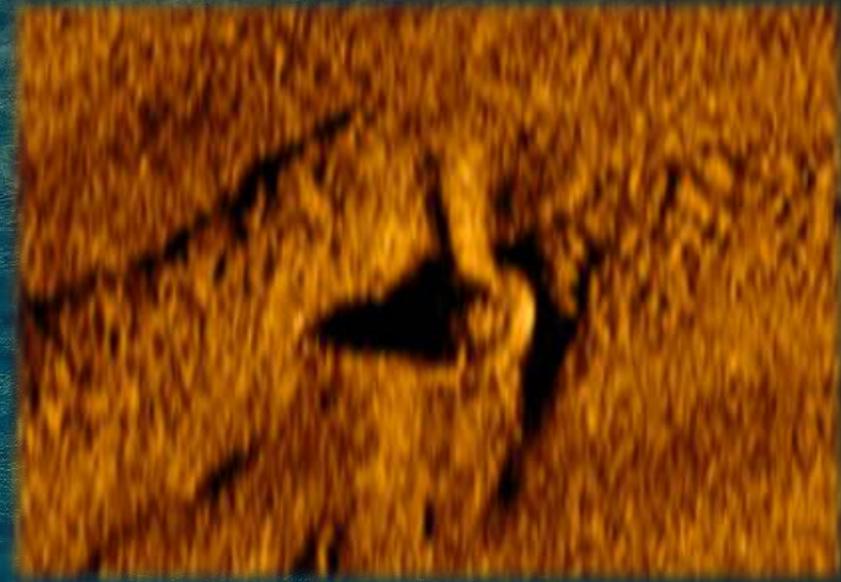
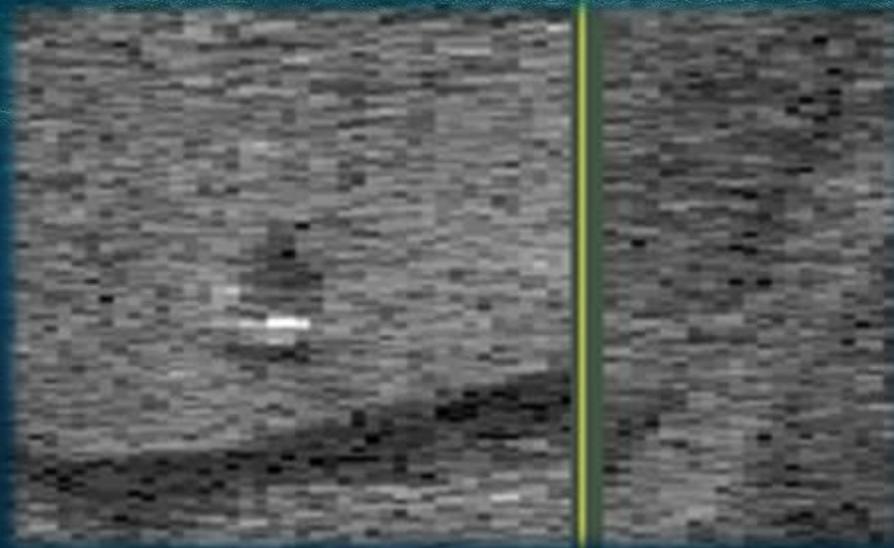


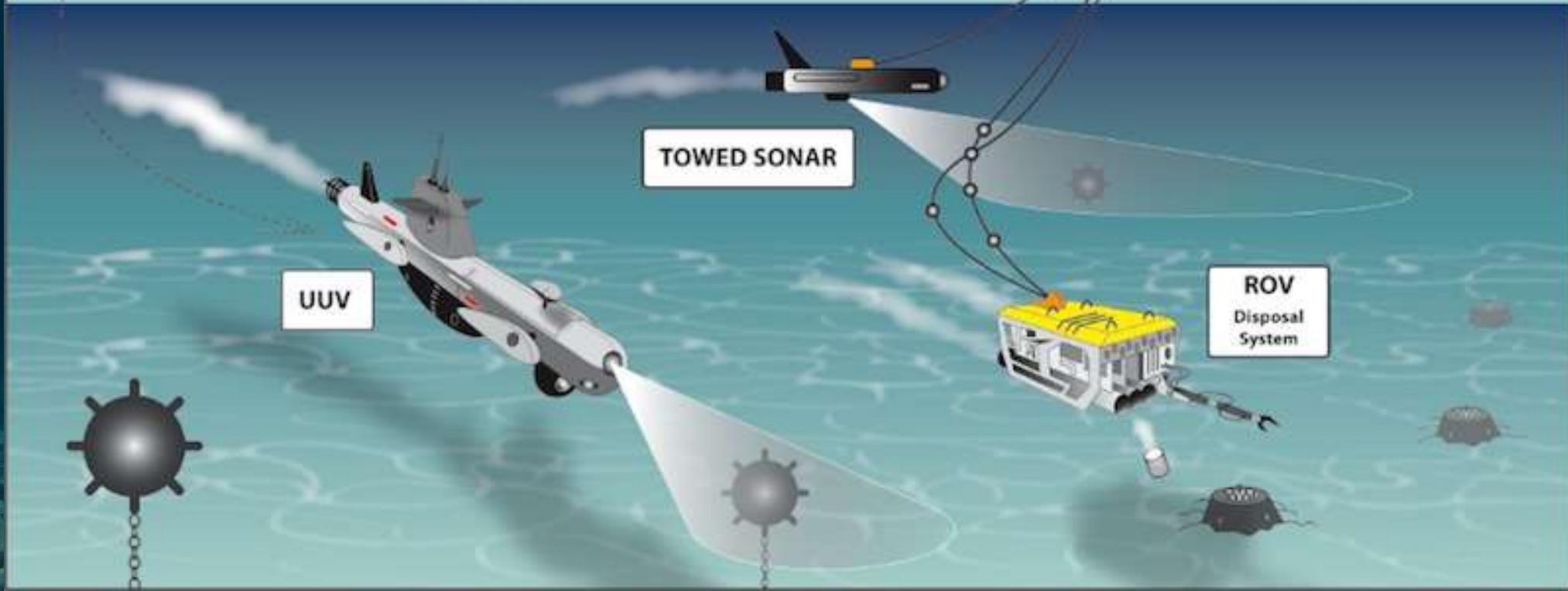
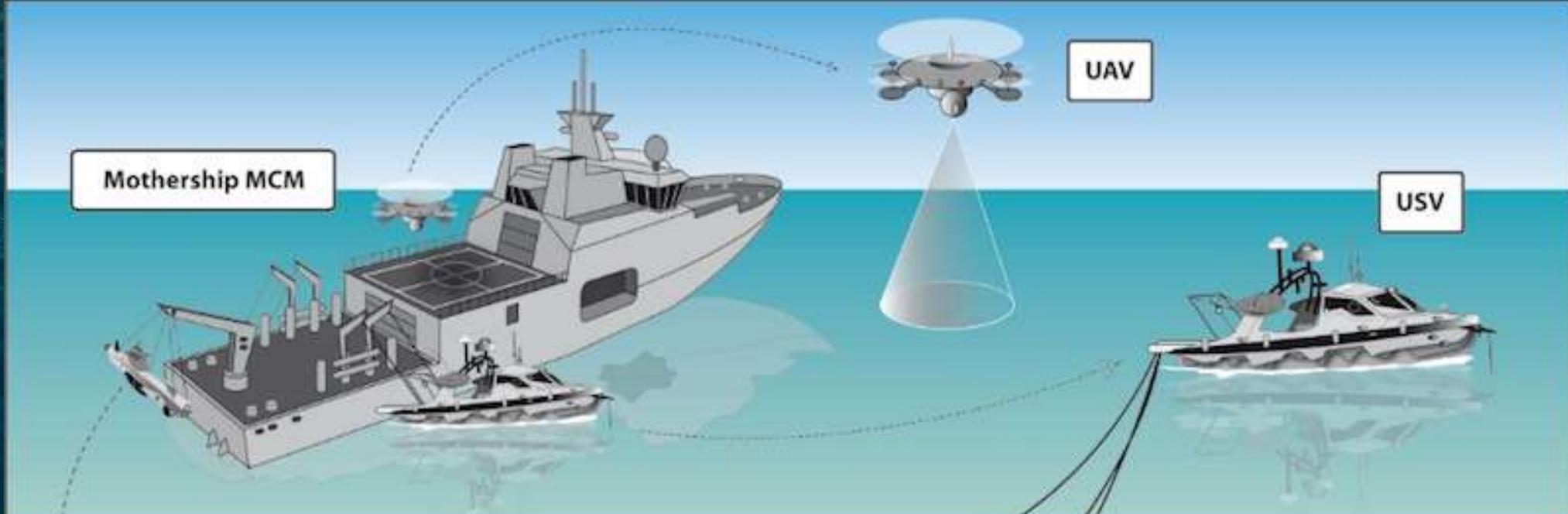




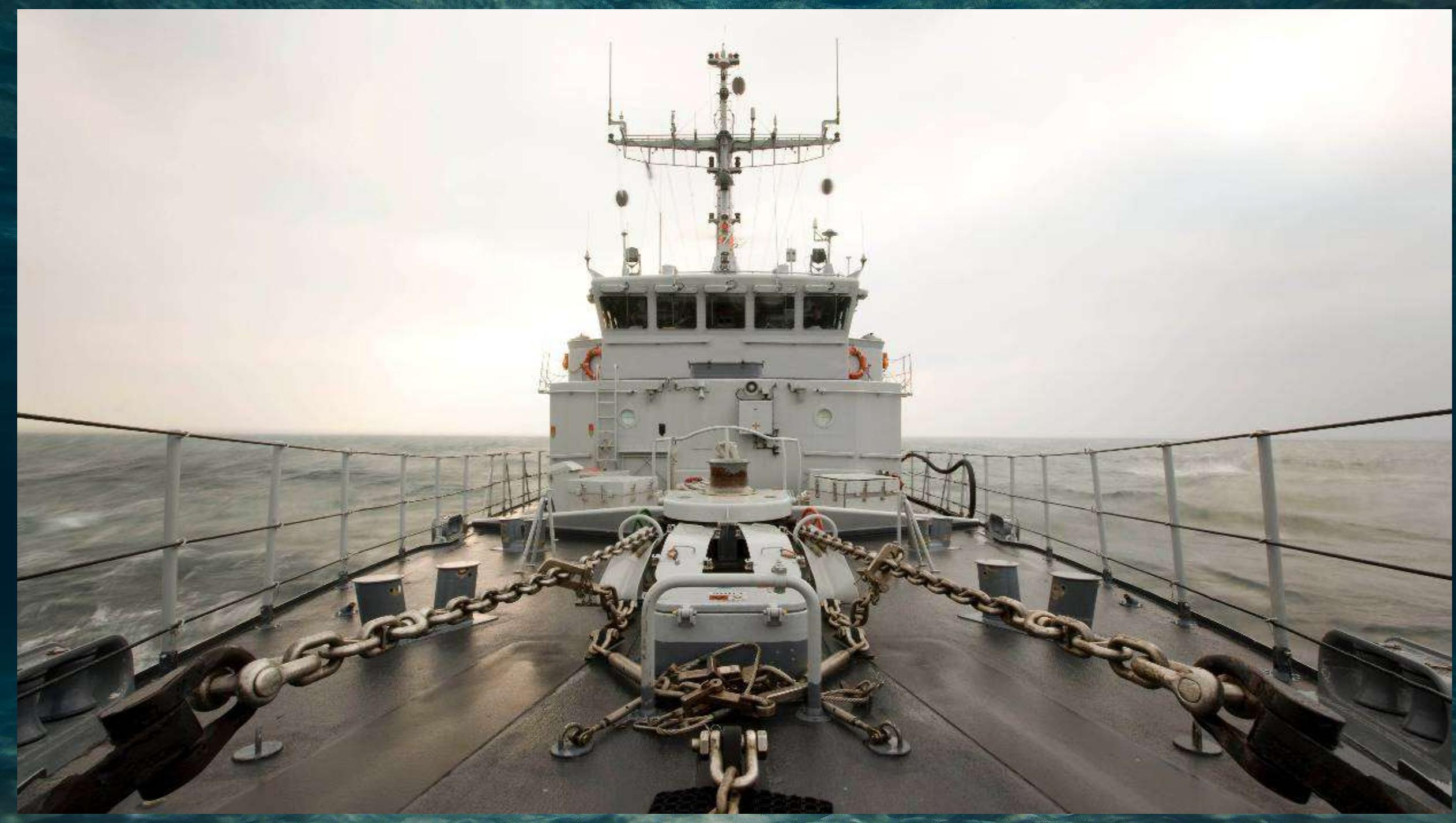
**The Industry Standard
Compact Man-Portable AUV**













Iraqi Freedom, march 2003



« Sleeping Beauty », WWII



Nowadays Limpet Mine