



# sternula

Connecting the Oceans



Take part in the  
**Worldwide AIS 2.0 Demo**

# About Sternula

## World leader in AIS 2.0 (VDES)

- **Stefan Pielmeier** is chairman of VDES standardization at IALA
  - Advisor to Danish authorities on VDES
  - Chairman of the VDES Alliance
- **Lars Moltzen** is the author of key ESA reports on “New Space”

## First commercial AIS 2.0 satellite operator

- “**STERNULA-1**” is launched in December 2022



# What?

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AIS 2.0 (VDES) will be the foundation of all global maritime connectivity

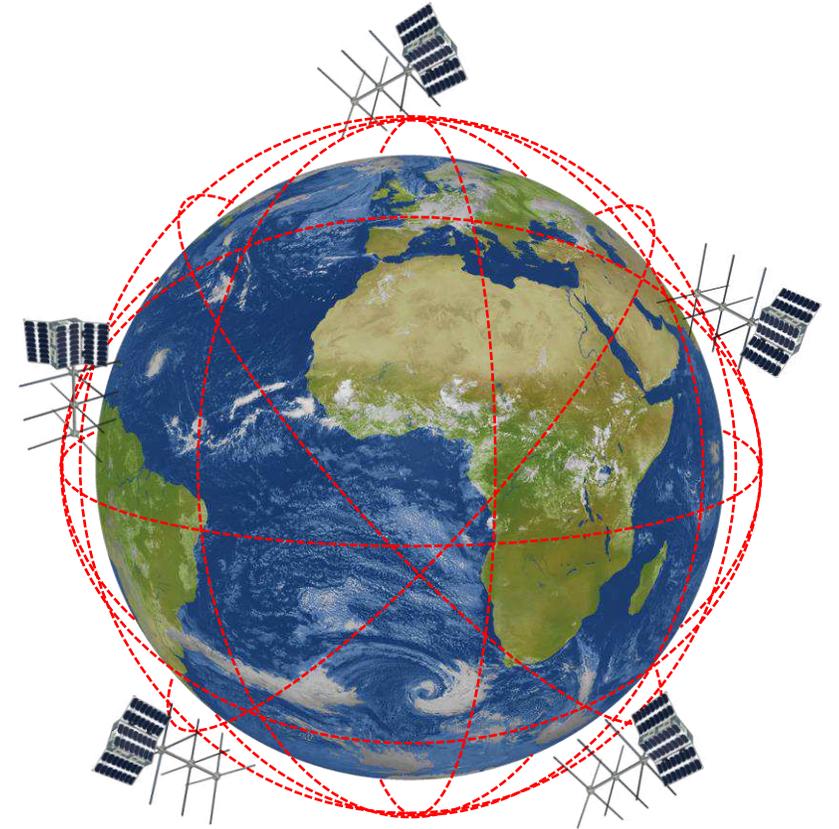
- recommended by ITU (M.2092-1)
- expected to be required by IMO (SOLAS)

In early 2023, the **Worldwide AIS 2.0 Demo** project will take place:

- ships equipped with AIS 2.0 terminals
- selected maritime digital services
- global connectivity via satellite

**Sign up now to take part!**

- See next pages...



# Why?

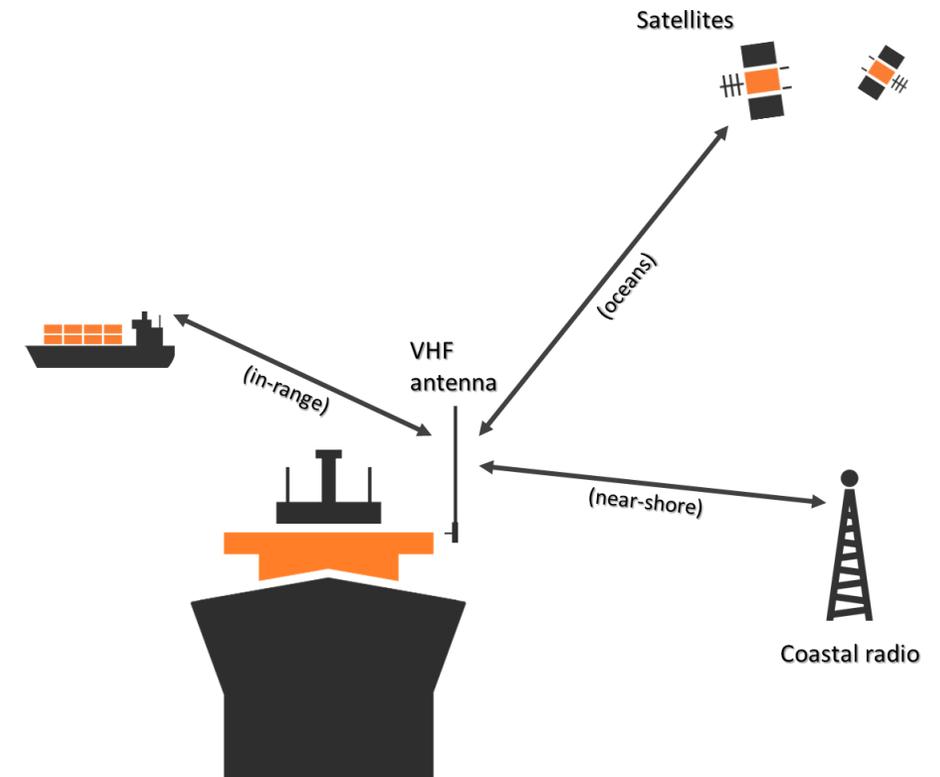
Digitalization in the maritime domain has always been difficult

- Connectivity is poor and expensive
- Critical equipment cannot just be connected

AIS 2.0 has been developed as the new “available anywhere” connectivity option

- Affordable ship equipment
- Global coverage via satellite
- Extremely simple and robust

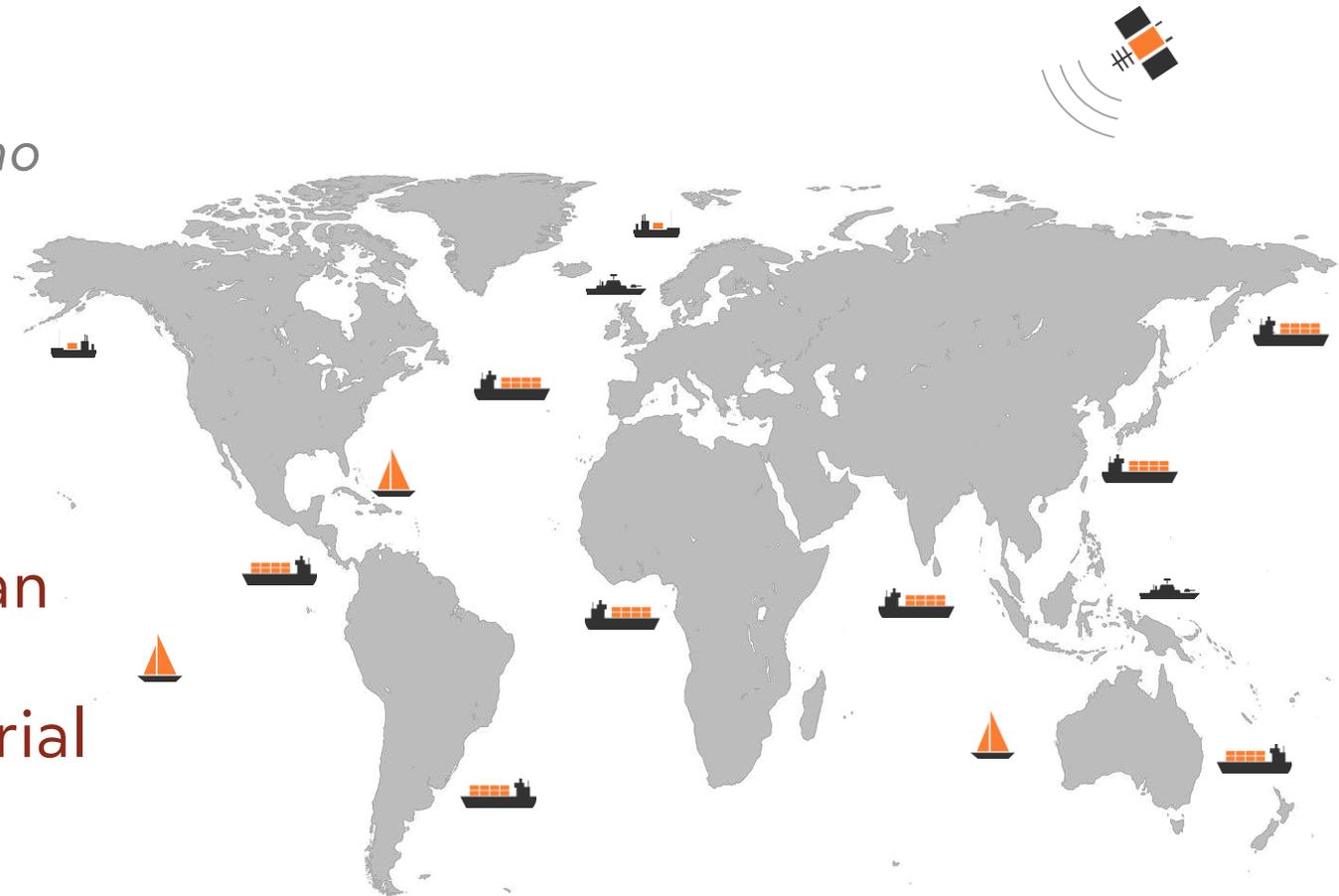
**AIS 2.0 ship terminals and global coverage via satellite are now available**



# How?

## Take part in the Worldwide AIS 2.0 Demo project:

1. Sign up at:  
[www.sternula.com/index.php/ais2demo](http://www.sternula.com/index.php/ais2demo)
2. Implement your own demo service(s), or subscribe to:
  - receive virtual Aids-to-Navigation
  - receive Navigational Warnings
  - receive AIS 2.0 Weather Bulletins
3. Equip one or more vessels with an AIS 2.0 terminal
4. Carry out your own part of the trial and present the results





# Practical setup “package”

- AIS 2.0 unit (Saab R6)
- MMS proxy unit (Sternula)
- Your own tablet or similar to display services:
  - receive virtual Aids-to-Navigation
  - receive Navigational Warnings
  - receive AIS 2.0 Weather Bulletins

