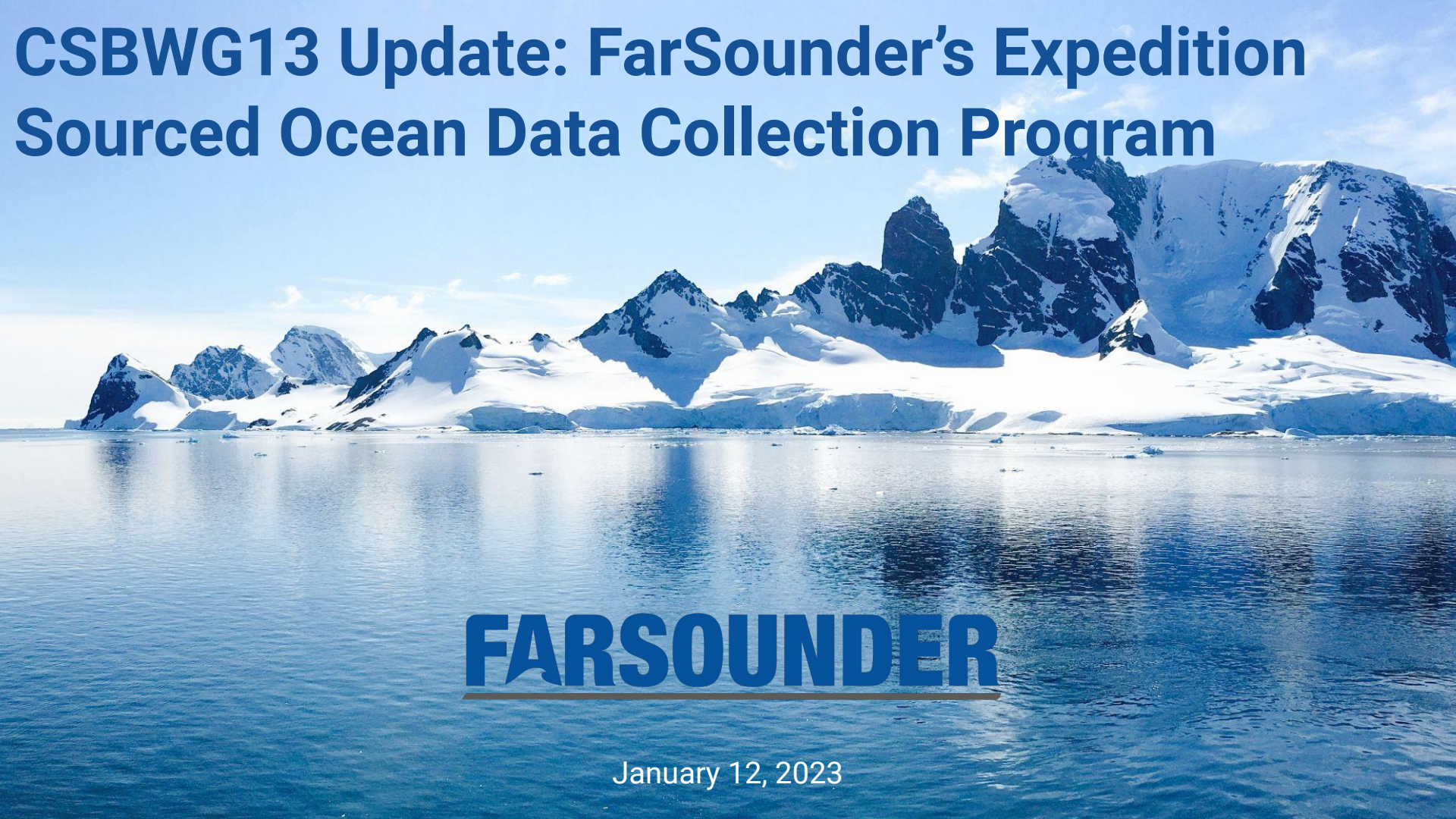
CSBWG13 Update: FarSounder's Expedition Sourced Ocean Data Collection Program



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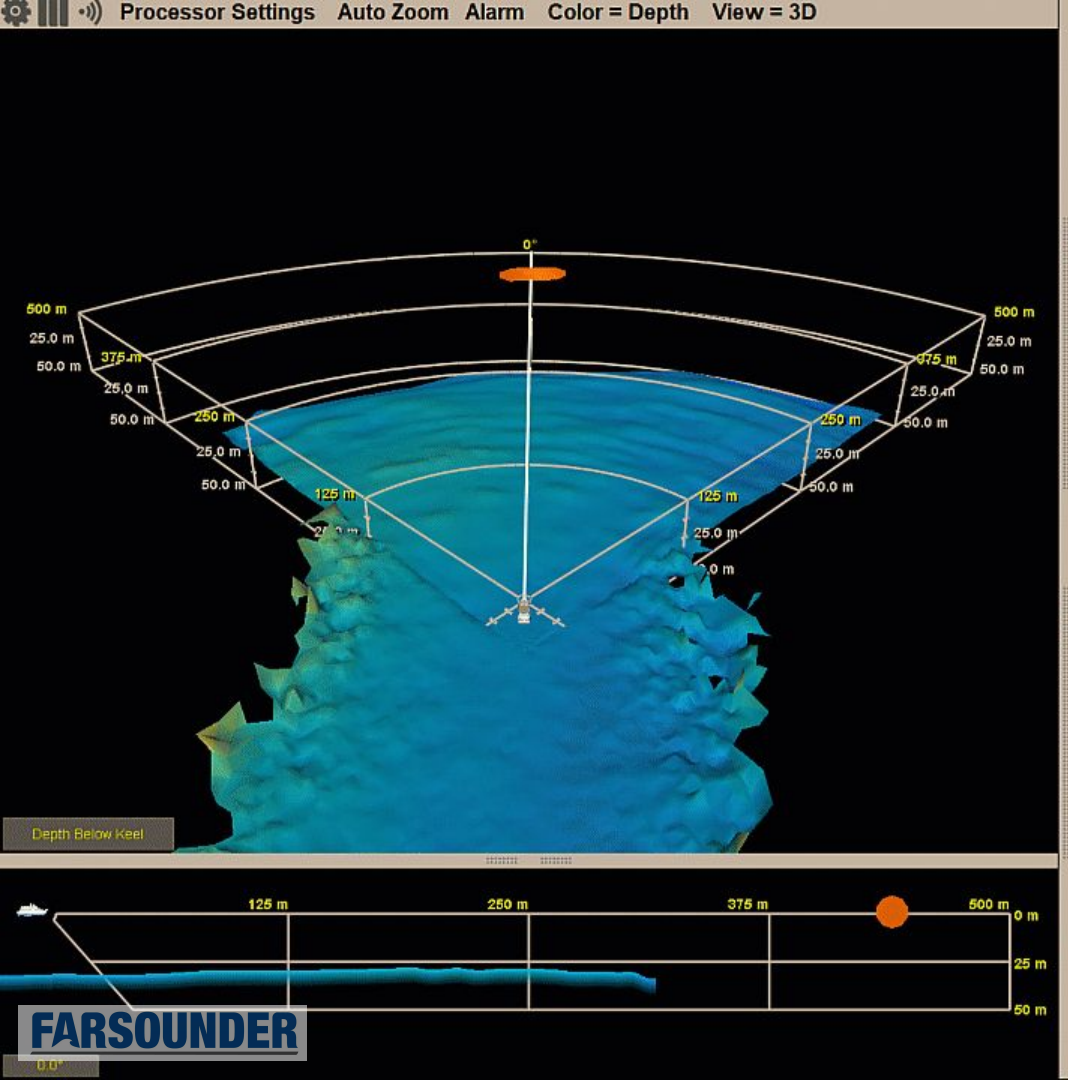
January 12, 2023


Processor Settings
Auto Zoom
Alarm
Color = Depth
View = 3D
0°
500 m
25.0 m
50.0 m
375 m
250 m
125 m
Depth Below Keel
125 m
250 m
375 m
500 m
0 m
25 m
50 m
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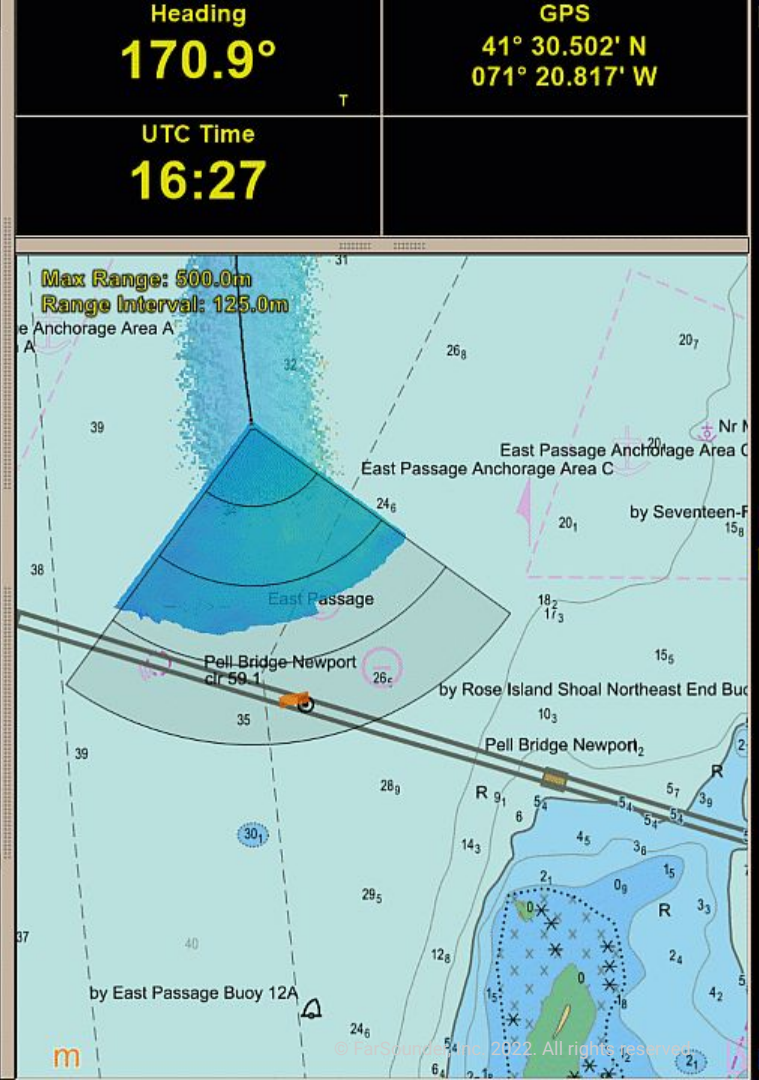
Heading
170.9° T
GPS
41° 30.502' N
071° 20.817' W
UTC Time
16:27
Max Range: 500.0m
Range Interval: 125.0m
East Passage Anchorage Area C
East Passage
Pell Bridge Newport
clr 59.1
Pell Bridge Newport2
by Rose Island Shoal Northeast End Buc
by East Passage Buoy 12A
180 dB
168 dB
155 dB
142 dB
130 dB
1.0 m
10.8 m
20.5 m
30.2 m
40.0 m
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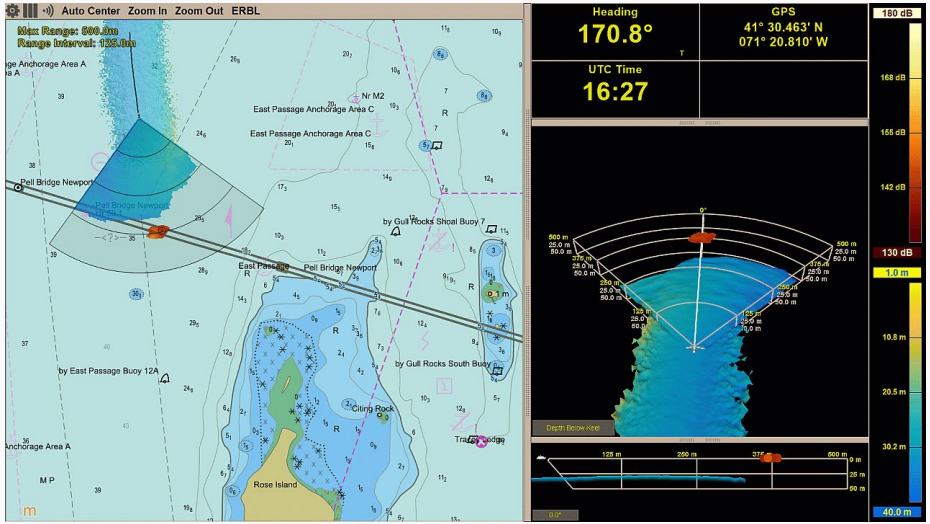
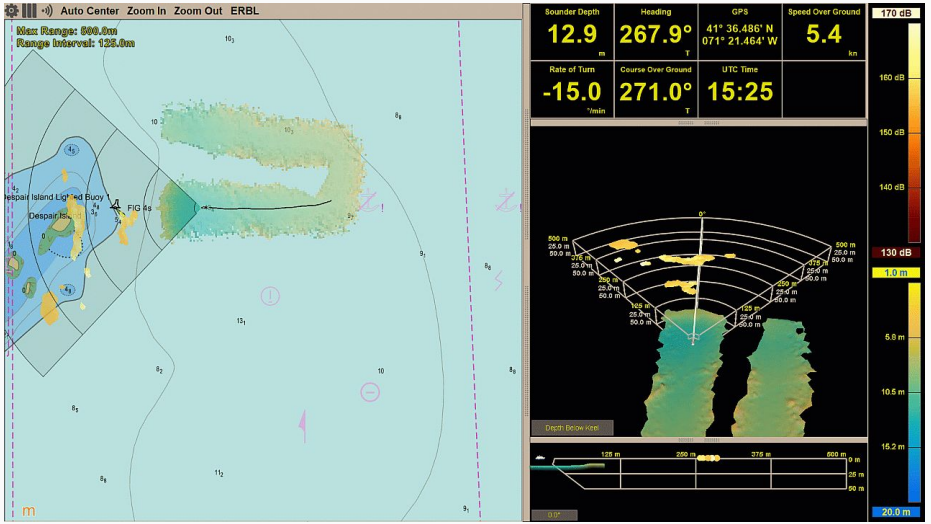
Forward Looking 3D and Local History Mapping™

- Realtime 3D image ahead of the vessel
- 3D survey of the seafloor over your recent transit.
- Updated with every ping and displayed as chart overlay.





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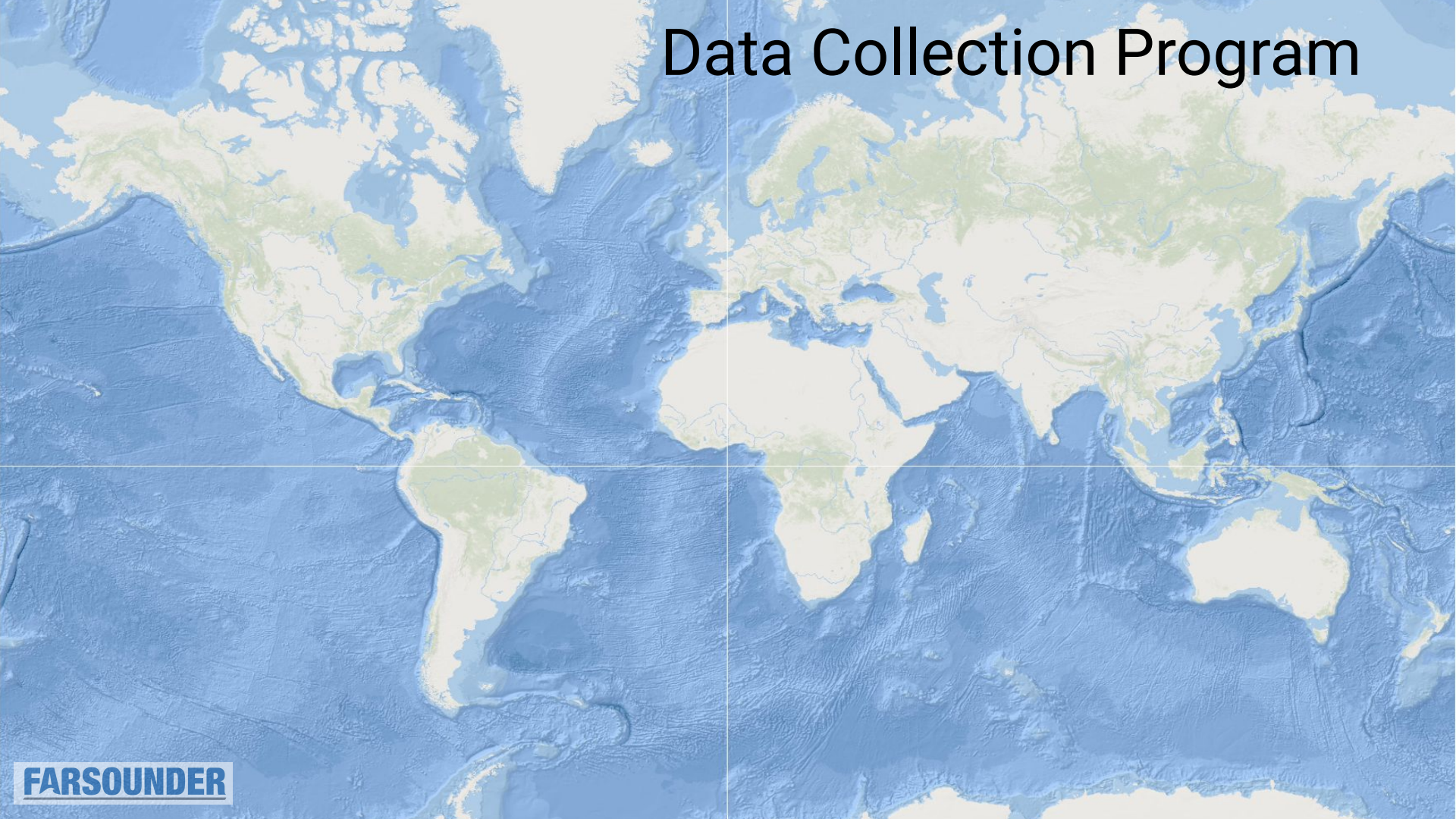
Data Collection Program



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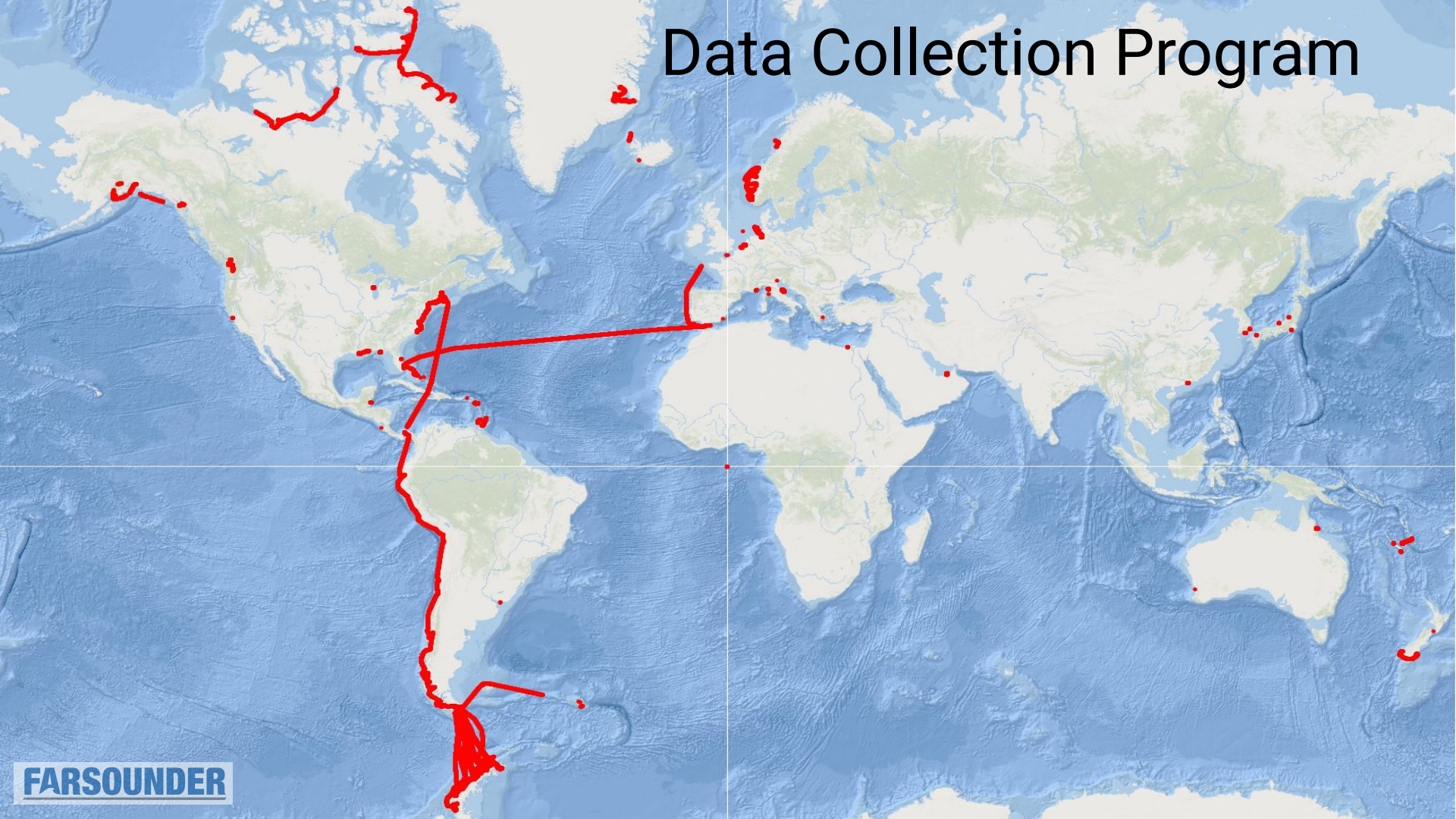
Data Collection Program



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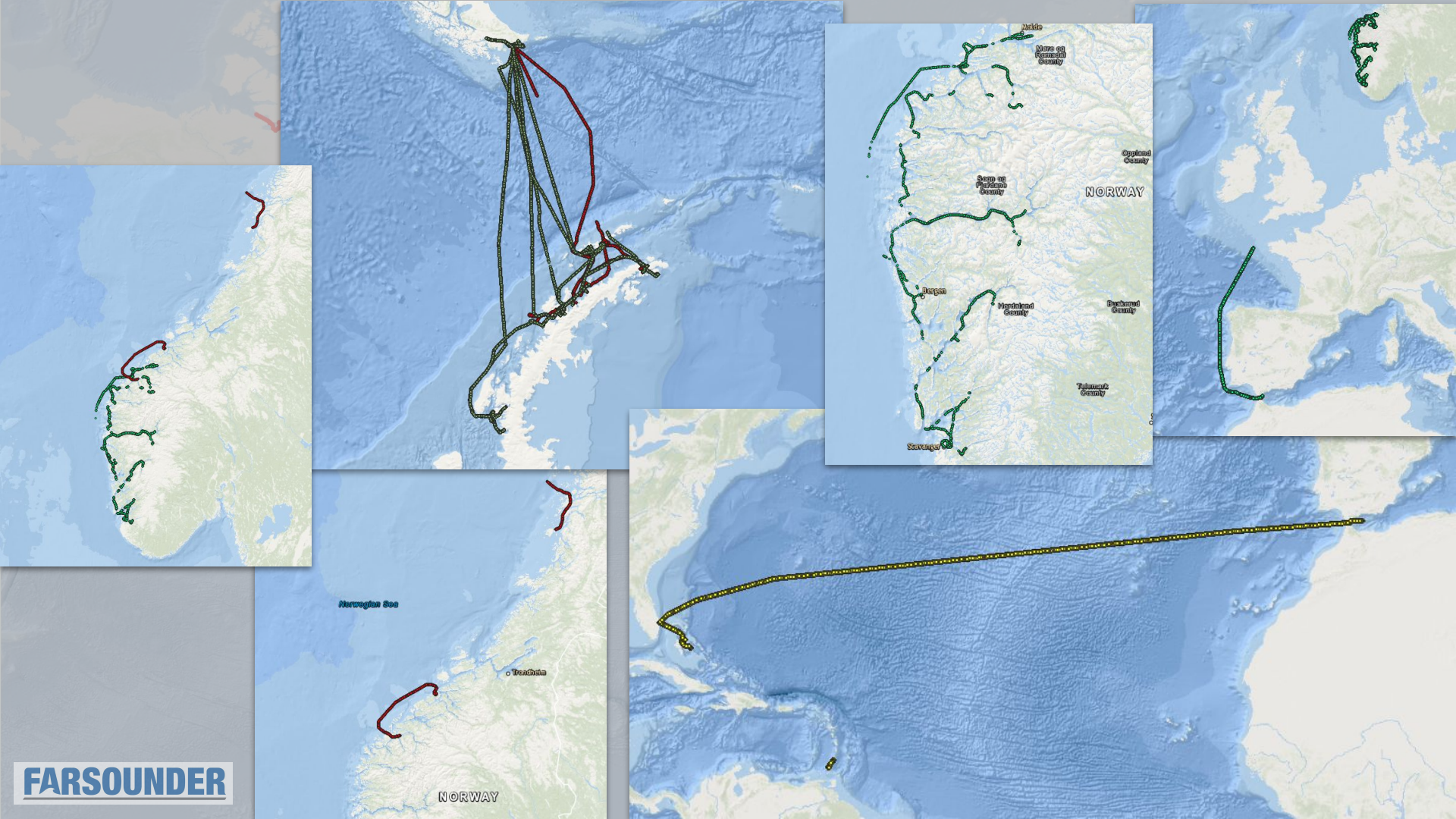
Molde
Møre og Romsdal County
Oppland County
Sogn og Fjordane County
NORWAY
Bergen
Hordaland County
Telemark County
Stavanger
Norwegian Sea
Trondheim
NORWAY

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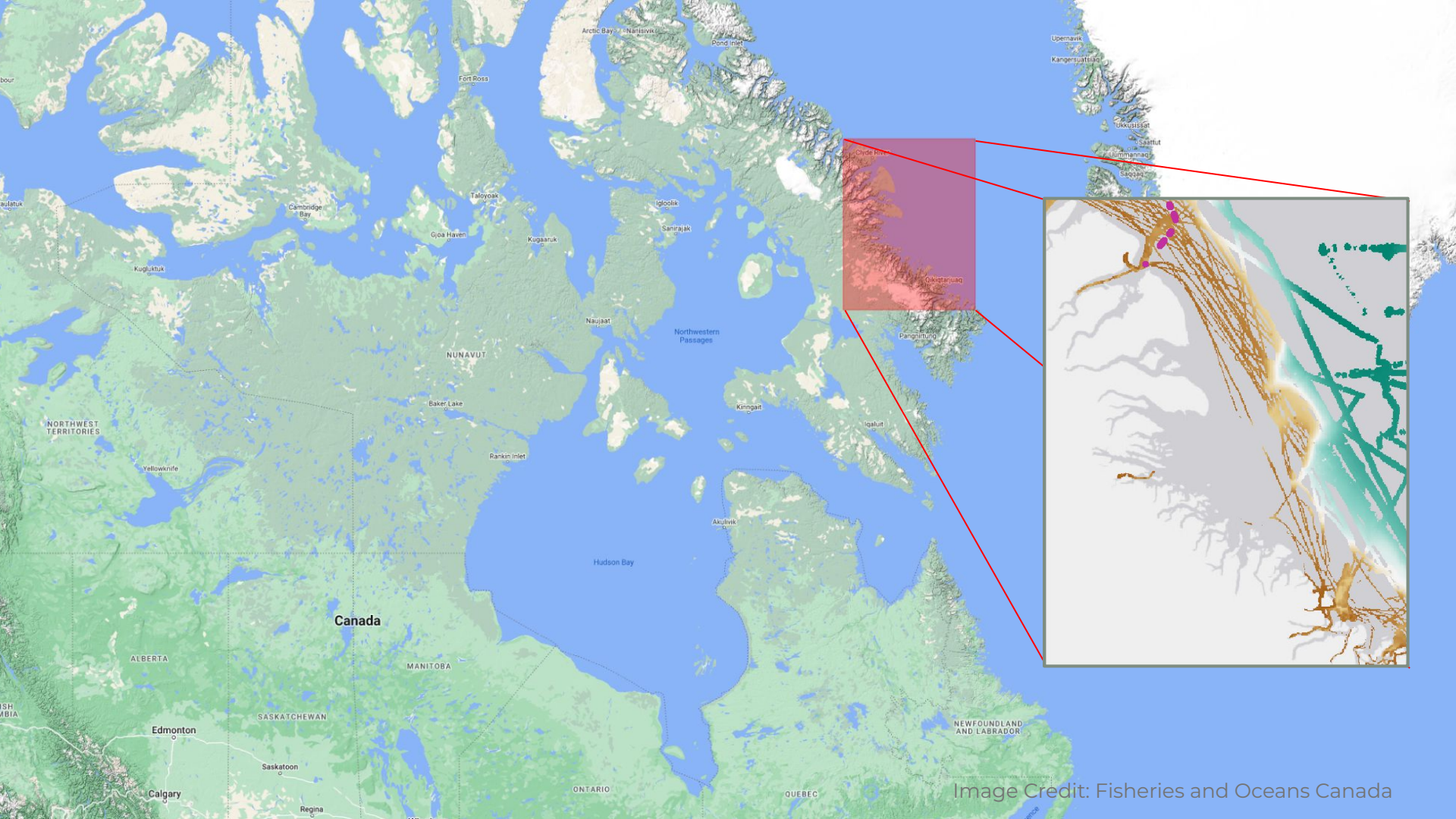
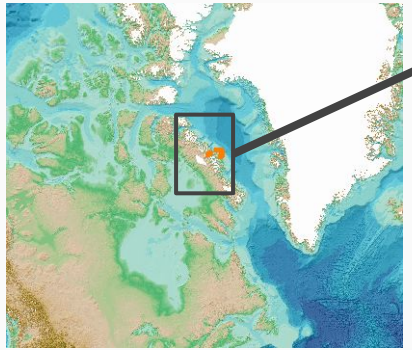


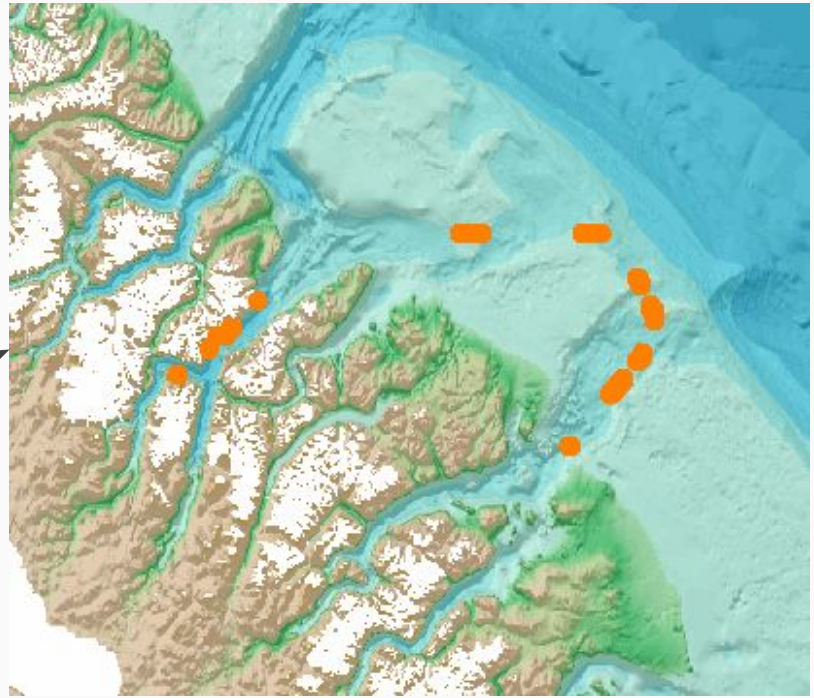
Image Credit: Fisheries and Oceans Canada

Case Study: CHS Chart 7053 Update

Cruise ship (The World) transit of the NWP

- FarSounder → DCDB
- DCDB → CHS
- Data quality report





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Lot’s of promotion of CSB/Seabed 2030

- Articles:
  - Dockwalk
  - ONBOARD Magazine
  - Southerboating
  - Superyacht News
- Presentations:
  - VriThink Night Out (Amsterdam)
- Online Events:
  - Dockside chat (Passage Maker)
  - Leading Technologies in Yacht Navigation
- Trade Shows:
  - SMM (Germany)
  - MYS (Monaco)
  - METS (Amsterdam)

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Hurdles to overcome

Feedback from Potential Contributors

- Contributors don't want to change their daily routines (no extra tasks)
- Contributors don't want to pay to contribute (would pay to receive benefits)

FarSounder Specific Hurdles

- CSB not currently a FarSounder commercial product
  - Would love to implement from a "citizen science" point of view
  - No a strong business case for large/quick ROI

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Thank You

matthew.zimmerman@farsounder.com
heath.henley@farsounder.com
+1 401 784 6700
www.farsounder.com

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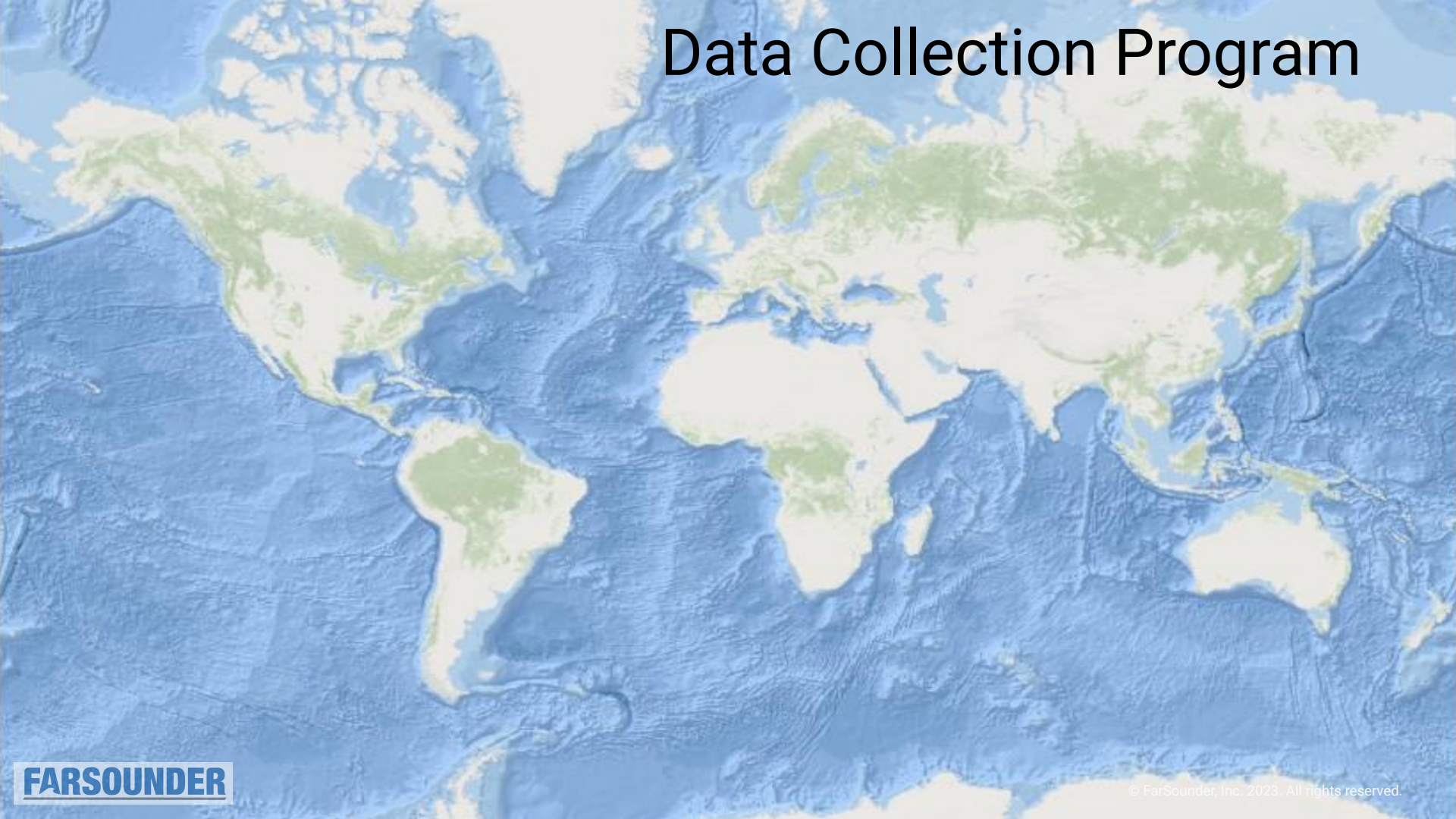
Data Collection Program



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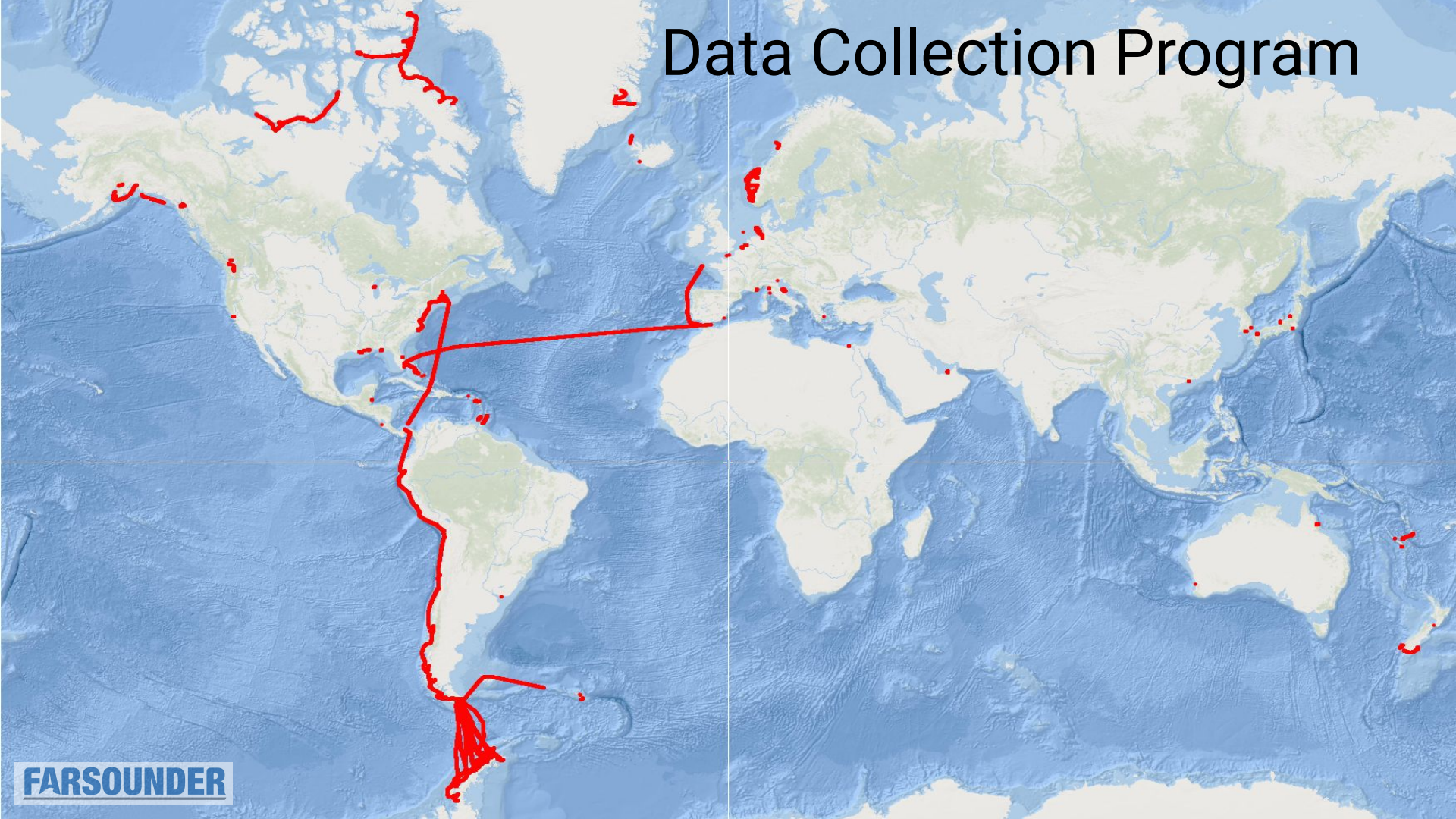
Data Collection Program



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