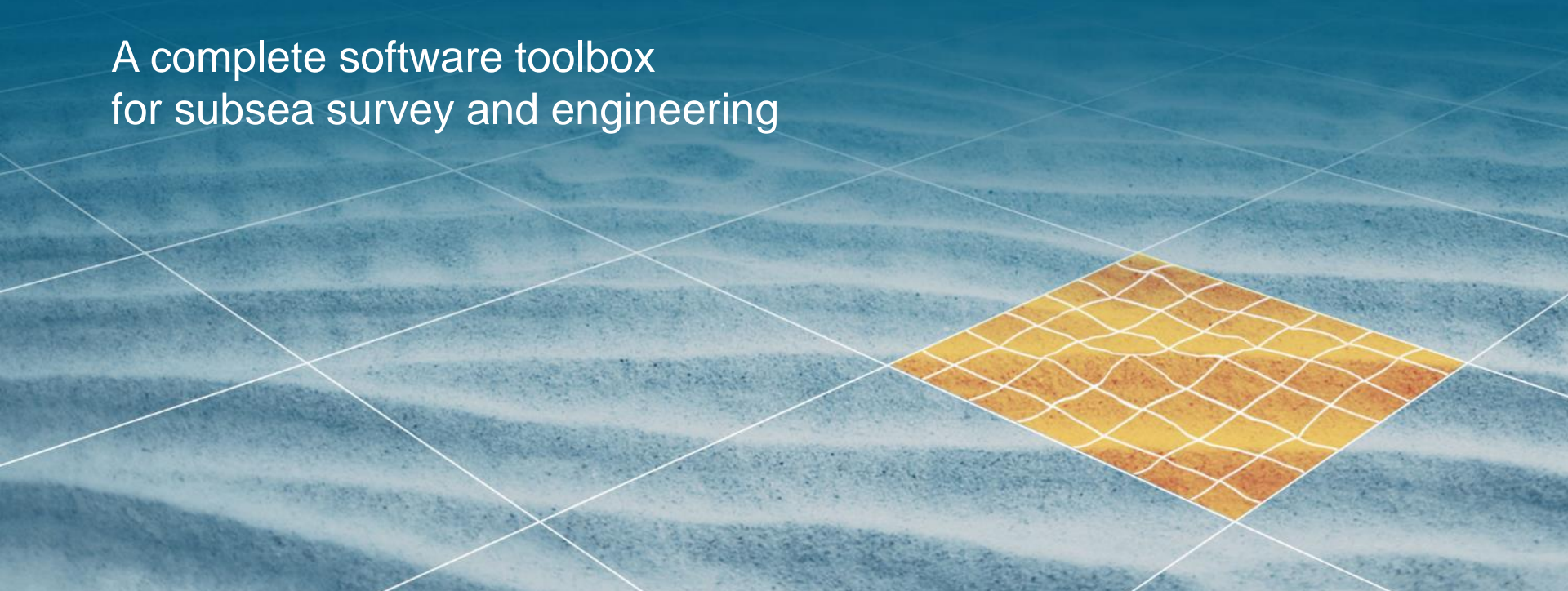


NAVISUITE

A complete software toolbox
for subsea survey and engineering



Making data headway

A complete software solution for virtually any subsea survey or engineering operation

A perfect match for small- and large-scale setups

More flexible workflow and complete traceability

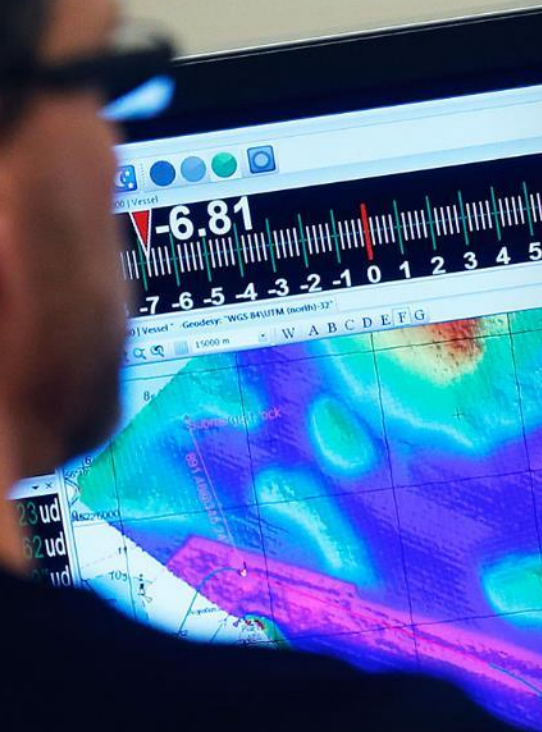
More efficient data processing

High-quality end results

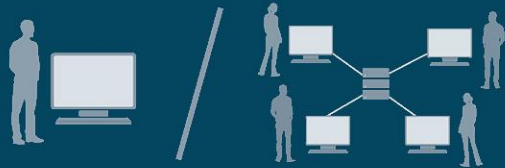
Easy integration with other software solutions

Support of even the widest equipment spread

Future-proof investment



Workflow



2D 3D 4D GIS

Planning Navigation Time tagging Positioning Modelling Analysis

Raw data

Meta data

Geodesy

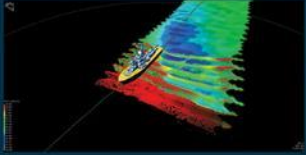
Processed data

Interfacing Recording Quality control Cleaning Validation Reporting

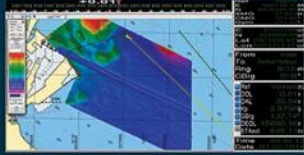
Acquisition

Post-processing

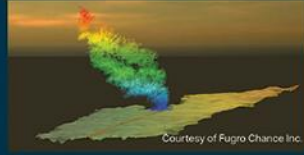
Applications



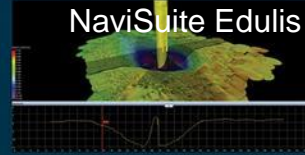
Multibeam surveys
and seabed mapping



Hydrographic
surveys



Structure and seabed
inspection



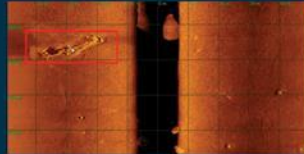
Permanent
monitoring



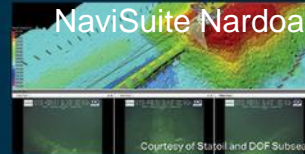
Rig move and
anchor handling



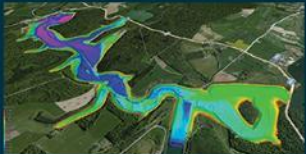
Template and
foundation placement



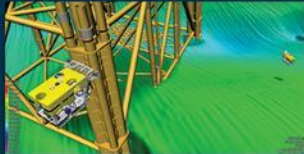
Side-scan surveys



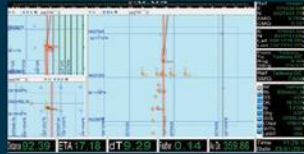
Pipeline and cable
route inspections



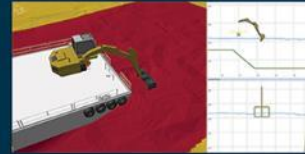
Data management
and GIS



Subsea positioning



2D seismic surveys



Dredging

'By means of the S-CAN feature, we have reduced the time spent on cleaning by more than 25 percent, and we obtain a far better overall result.'

*Per Norvald Boge
Lead Data Processor, DOF Subsea*

'Since EIVA software was introduced in NPCC during 2005, it has played a vital role in all our survey activities viz barge positioning, navigation, geophysical data acquisition, ROV and post-processing.'

*Shibu Vasudevan
Senior Geomatics Staff, NPCC Survey*



'EIVA software is one of the best hydrographic survey software solutions I have worked with due to its flexibility and user-friendliness.'

*Obadaye Daniel
Project Surveyor, Tilone Subsea Limited*

'Standardisation on a single solution is of strategic importance to us, and after thorough evaluation, we have selected EIVA's suite of online products as the best fit for us.'

*Hugh Ferguson,
Projects and Operations Director – Life of Field
Subsea 7*

NaviSuite products



NaviPac

Navigation and positioning

NaviScan

Sonar data acquisition

NaviEdit

Survey data editing

NaviModel

4D modelling and visualisation

NaviPlot

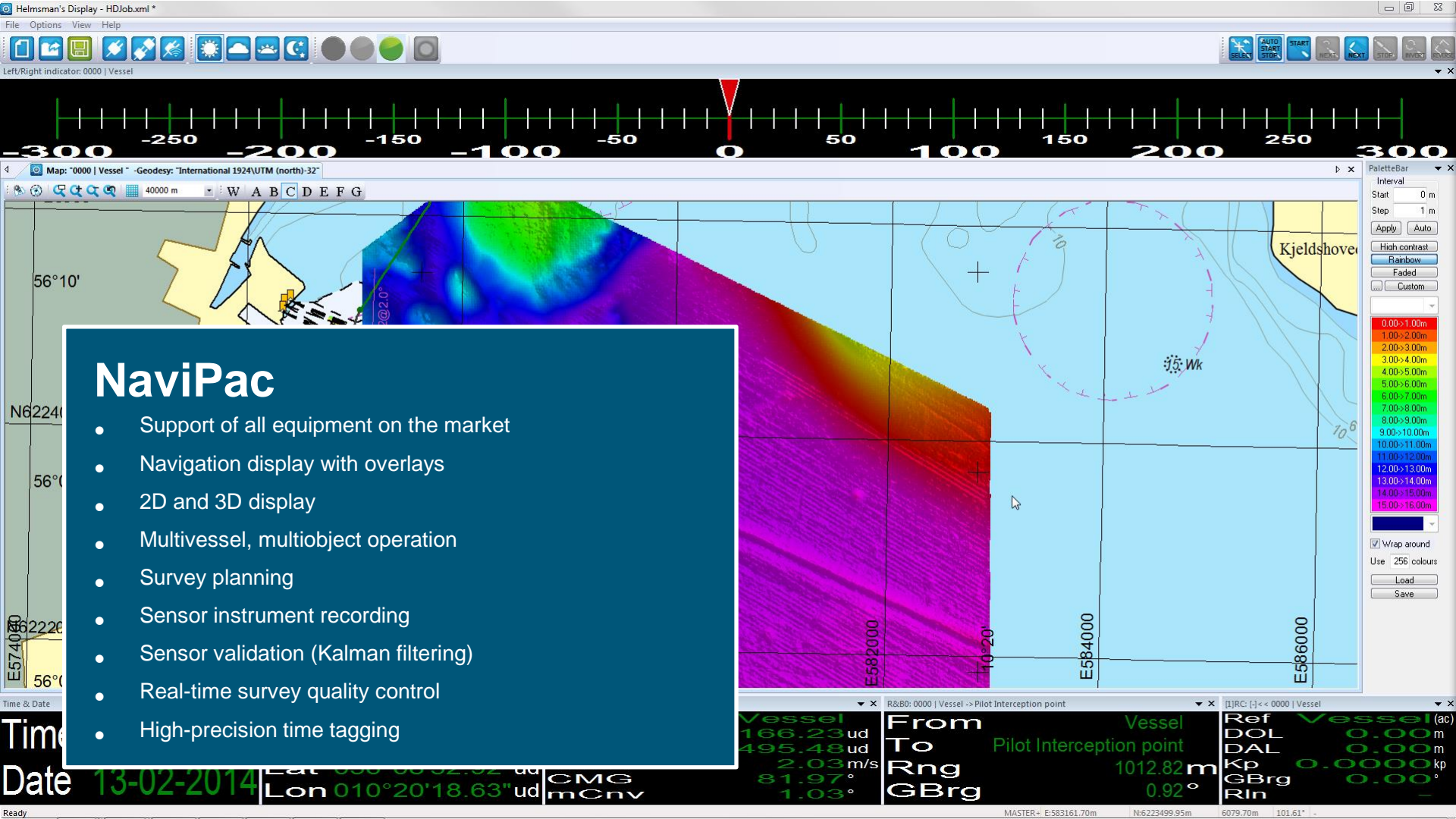
Chart production

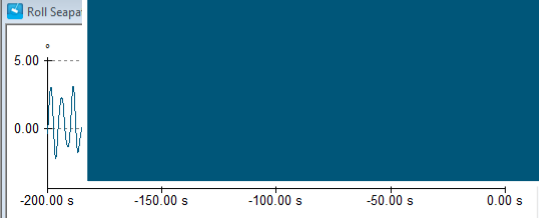
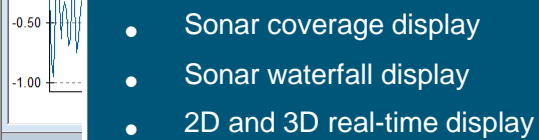
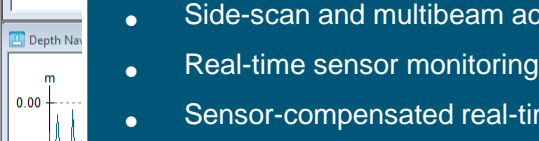
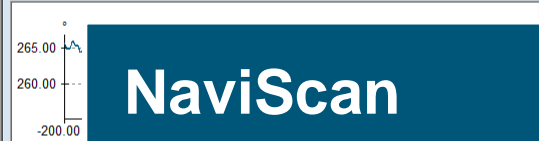
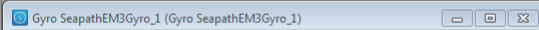
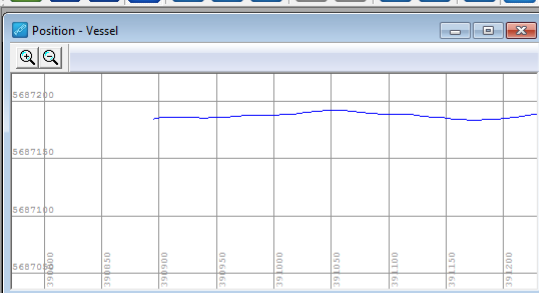


Online solutions

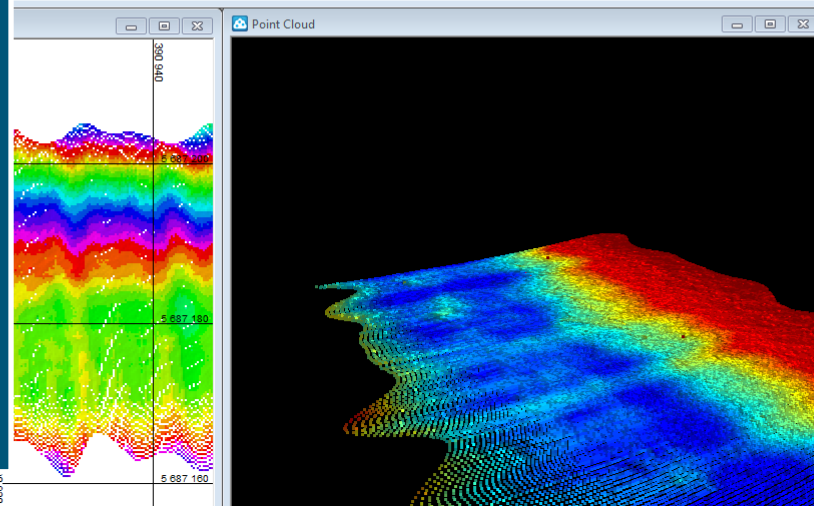
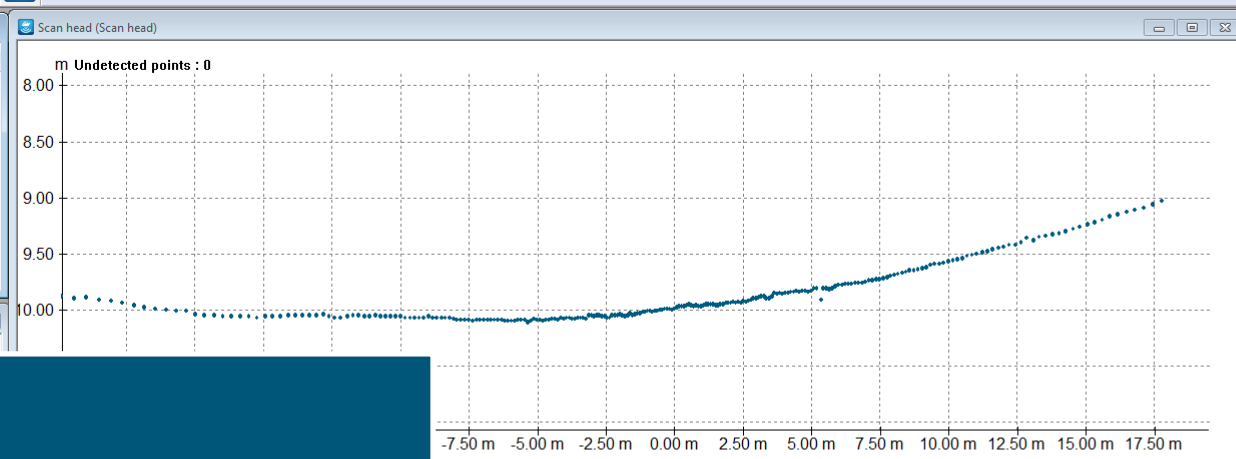


Offline solutions





(-10.800 m, 7.580 m)



Interval

Start 8.97 m

Step 0.05 m

Apply Ayto

High contrast

Rainbow

Faded

Custom

8.97->9.02m

9.02->9.07m

9.07->9.12m

9.12->9.17m

9.17->9.22m

9.22->9.27m

9.27->9.32m

9.32->9.37m

9.37->9.42m

9.42->9.47m

9.47->9.52m

9.52->9.57m

9.57->9.62m

9.62->9.67m

9.67->9.72m

9.72->9.77m

Wrap around

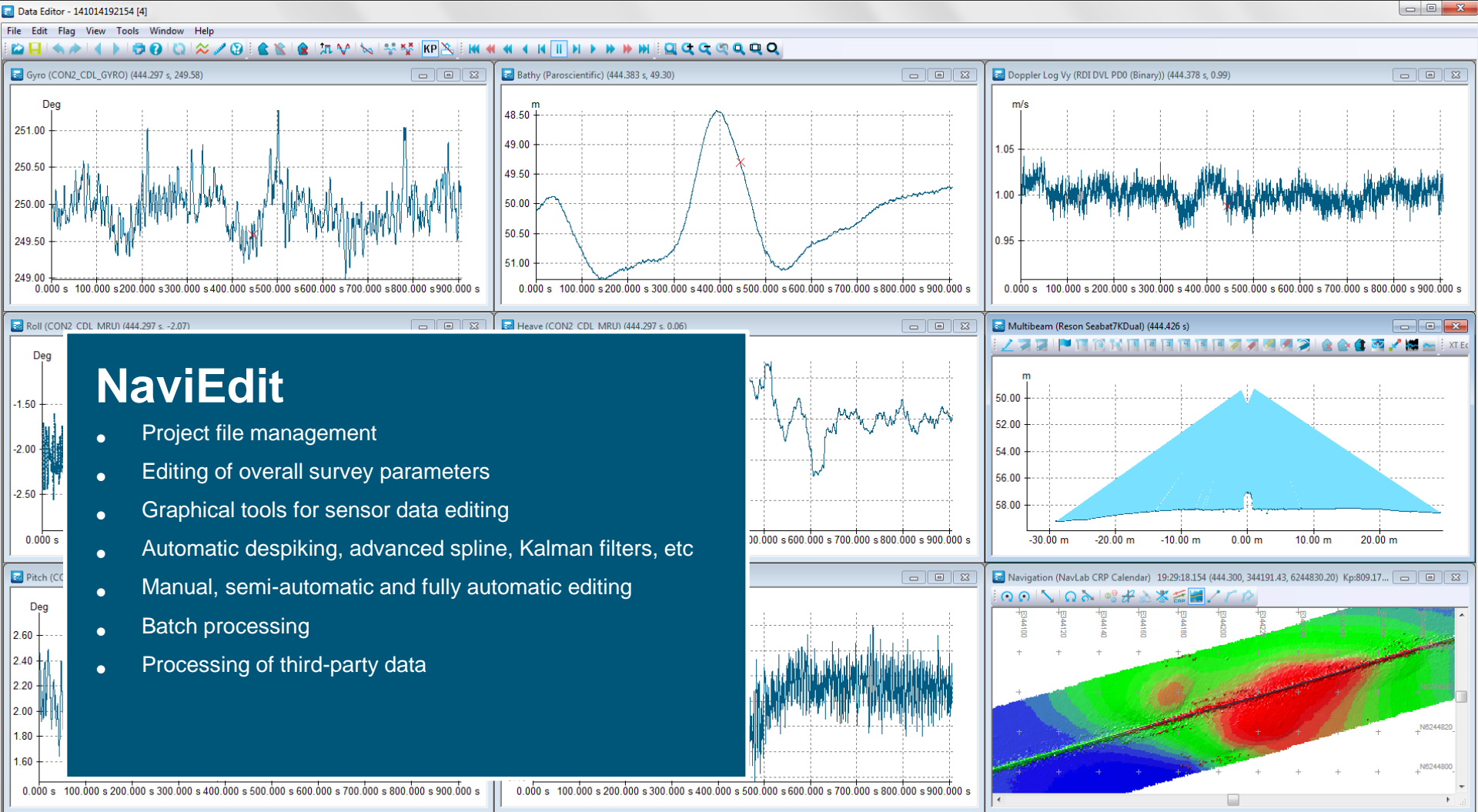
Use 16 colours

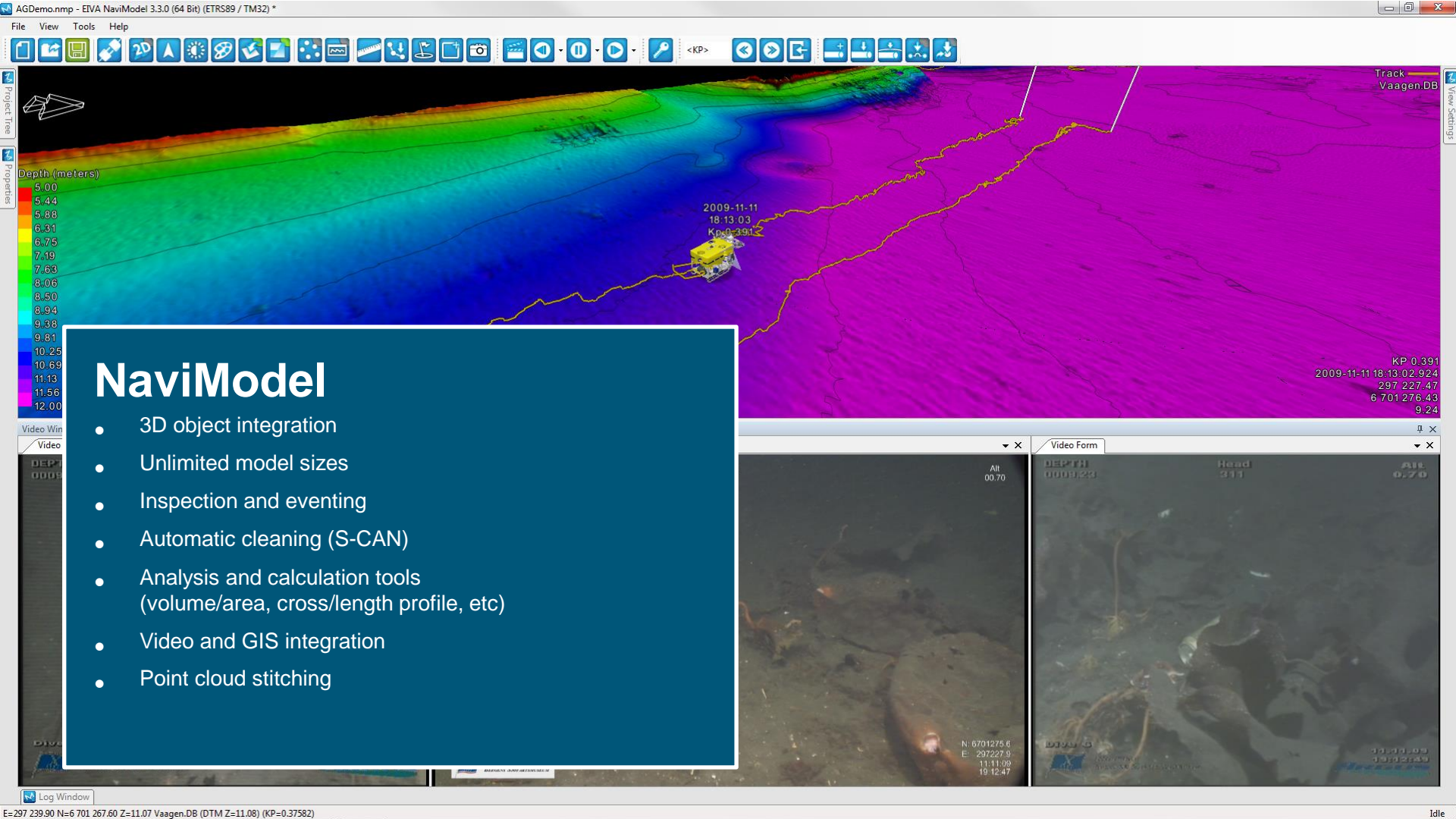
Load

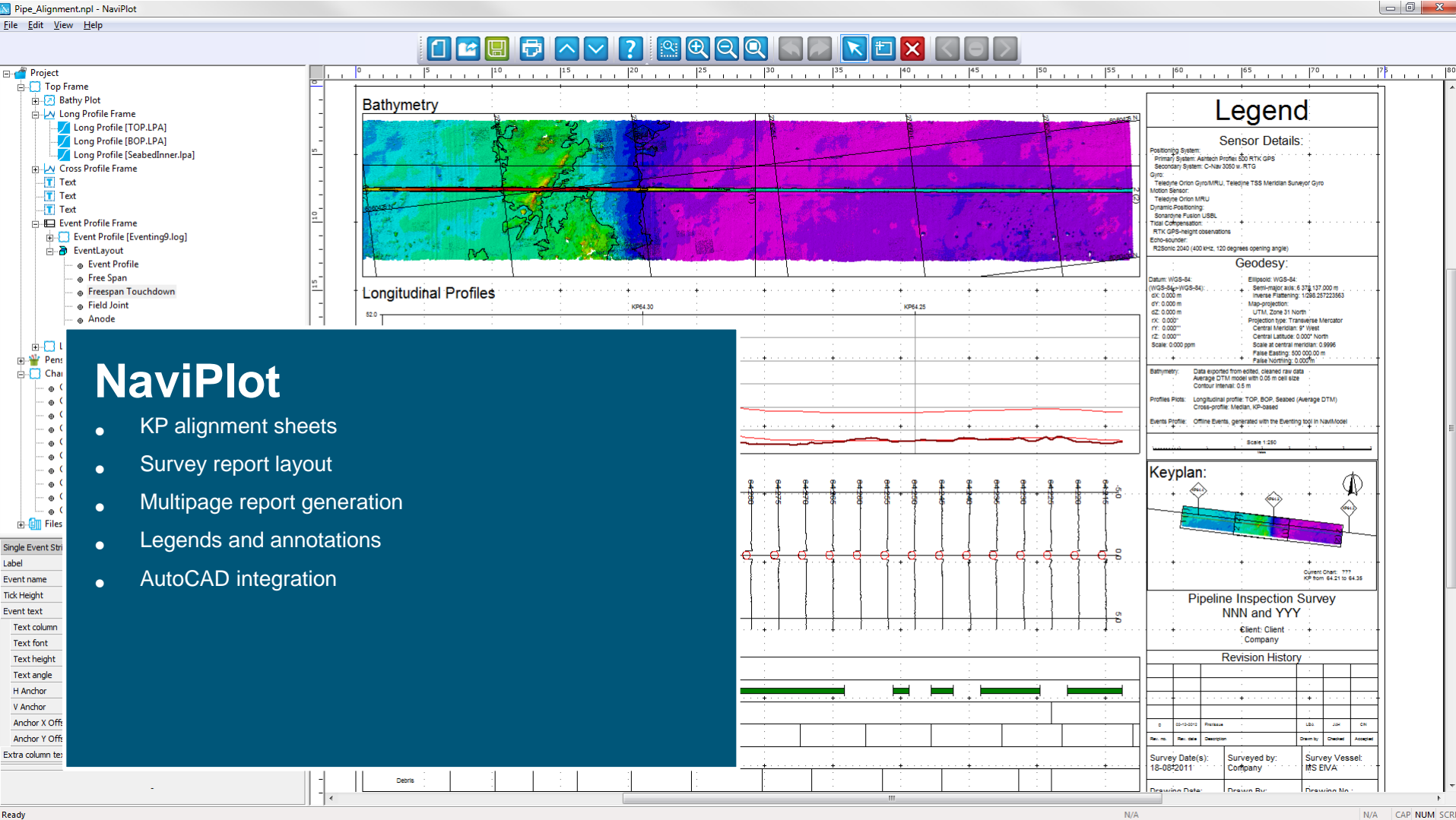
Save

NaviScan

- Side-scan and multibeam acquisition
- Real-time sensor monitoring
- Sensor-compensated real-time DTM
- Sonar coverage display
- Sonar waterfall display
- 2D and 3D real-time display







Features

	Surface multibeam surveys	ROV multibeam surveys	Hydrographic surveys	Side-scan surveys	Pipeline and cable route inspection - NaviSuite Nardoa	Structure and seabed inspection	Permanent monitoring - NaviSuite Edulis	Subsea positioning	Rig move and anchor handling	Template and foundation placement	2D seismic surveys	Dredging - Based on NaviSuite Uca
NaviPac Lite			(x)									
NaviPac Plus	(x)		(x)		(x)	(x)						
NaviPac Pro	(x)	x	(x)	x	x	x		x	x	x	x	(x ¹)
NaviPac Science												
NaviScan	x	x		x	x	(x ²)		x		(x ²)		(x ¹)
NaviEdit Lite			x			(x ³)			(x ³)			
NaviEdit Pro	x	x		x	x	x		x		x	x	(x ¹)
NaviModel	x	x	x	x	x	x	x					(x ¹)
NaviPlot	x	x	x	x	x	x						

¹ NaviSuite Uca consists of a NaviPac and NaviModel bundle. You can upgrade NaviSuite Uca with the complete NaviSuite package for on-shore monitoring and modelling

² NaviScan needed for multibeam echo sounder and side-scan sonar operations

³ NaviEdit is suitable for final position reporting etc

Optional extras

	Surface multibeam surveys	ROV multibeam surveys	Hydrographic surveys	Side-scan surveys	Pipeline and cable route inspection - NaviSuite Nardoa	Structure and seabed inspection	Permanent monitoring - NaviSuite Edulis	Subsea positioning	Rig move and anchor handling	Template and foundation placement	2D seismic surveys	Dredging - Based on NaviSuite Uca
Catenary module									X			
Lay module												
Chase boat/Fast route craft (FRC) module												
Barge module									X			
Tug module									X			
3D pipeline and cable route inspection module					X							
S-CAN cleaning module	X	X			X	(X ⁴)						
Scour sonar acquisition module							X					
Template and foundation positioning module										X		
ATTU time-tagging unit	X	(X)			(X)			(X)				
NaviSuite Seismic Trigger topside unit											X	

⁴ S-CAN recommended for large multibeam echo sounder seabed surveys

Services available

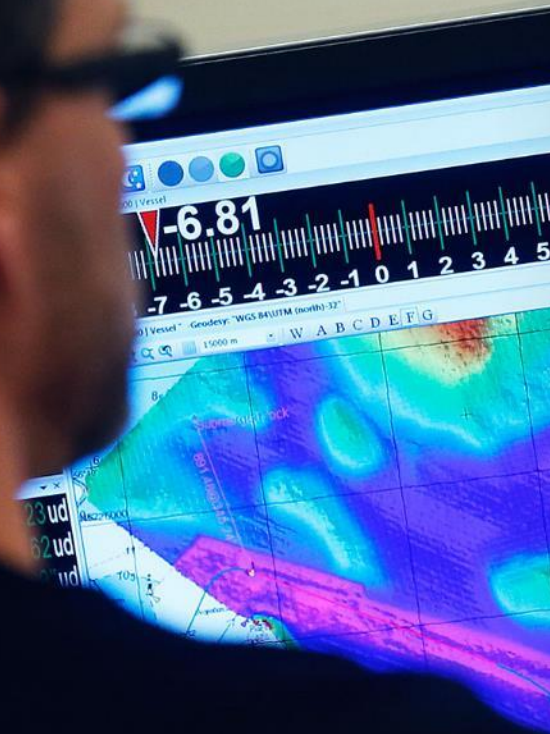
Software Maintenance and Support (SMS) programme

Training courses

Mobilisation/installation

Remote license activation by EIVA via phone or email

Dongle replacement programme for lost or broken dongles





EIVA a/s • Niels Bohrs Vej 17 • 8660 Skanderborg • Denmark
T +45 8628 2011 • F +45 8628 2111 • eiva.com