DROMARINE™
ECOISTEMA DI ROBOTICA MARINA AUTONOMA

MAPPATURA & ISPEZIONE VELOCE

Esplorazione morfologica ad alta risoluzione in acque basse e canali stretti.

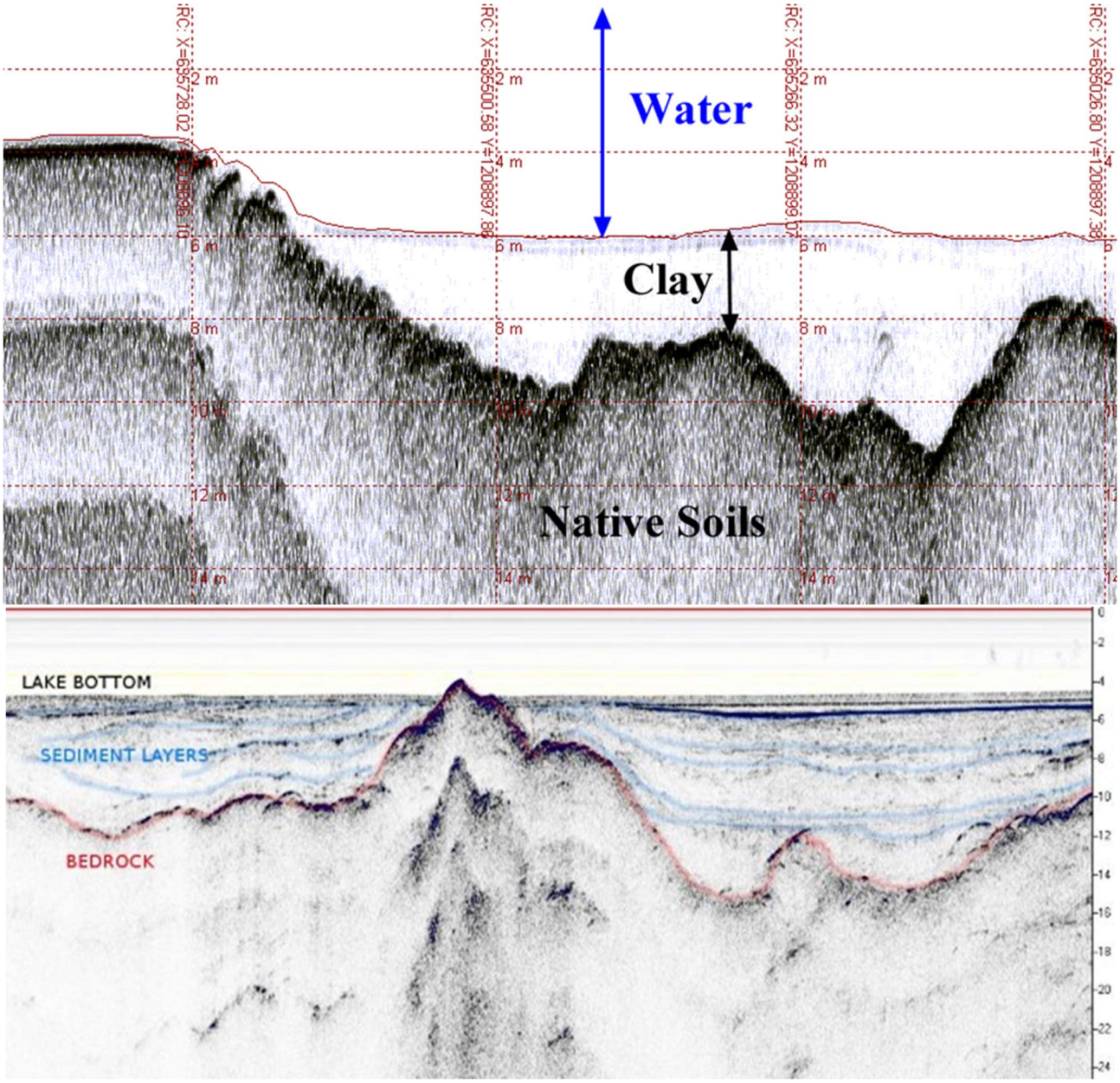
- Rilievi idrografici rapidi e ispezioni strutturali sotto costa, in fiumi o darsene portuali. Grazie al modulo **Scout** ed al sistema *Dual Side-Scan* integrato a scomparsa nella carena, eliminiamo le turbolenze e proteggiamo i sensori dagli urti, garantendo mosaici acustici perfetti del fondale su un corridoio di 300 metri.

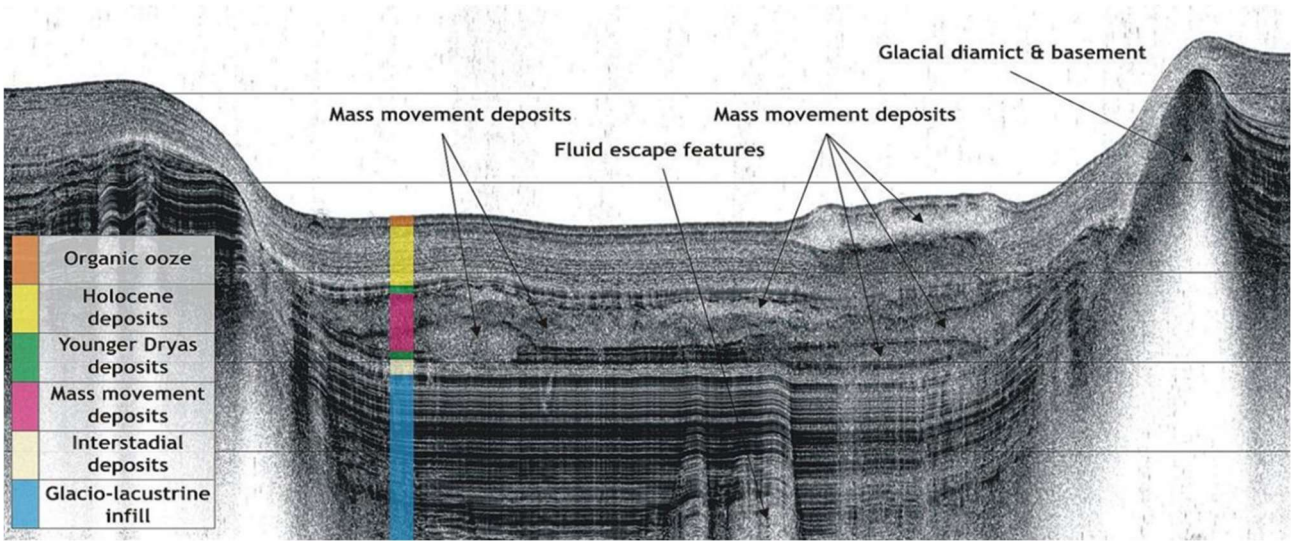
BATIMETRIA & SUB-BOTTOM PROFILING

La radiografia millimetrica dei sedimenti in tempo reale.

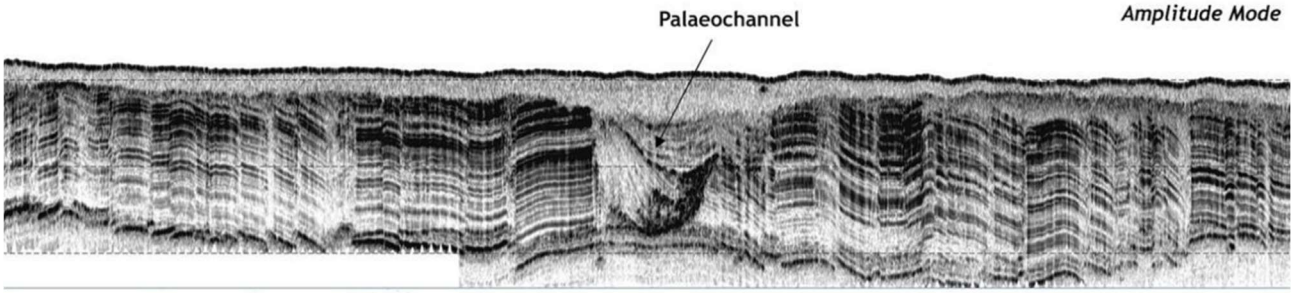
- Valutazione volumetrica e stratigrafica profonda (da 0,5 a 200 metri) dei fanghi e dei depositi inquinanti senza svuotare il bacino. Attraverso il catamarano **DM88 Modello A** e profilatori parametrici calcoliamo spessore e natura del sedimento molle con **assoluto valore legale, peritale ed assicurativo**.



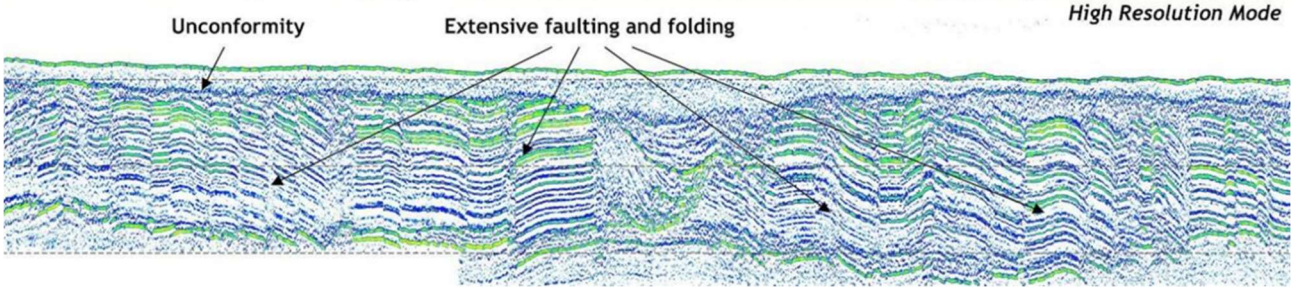

Water
Clay
Native Soils
LAKE BOTTOM
SEDIMENT LAYERS
BEDROCK

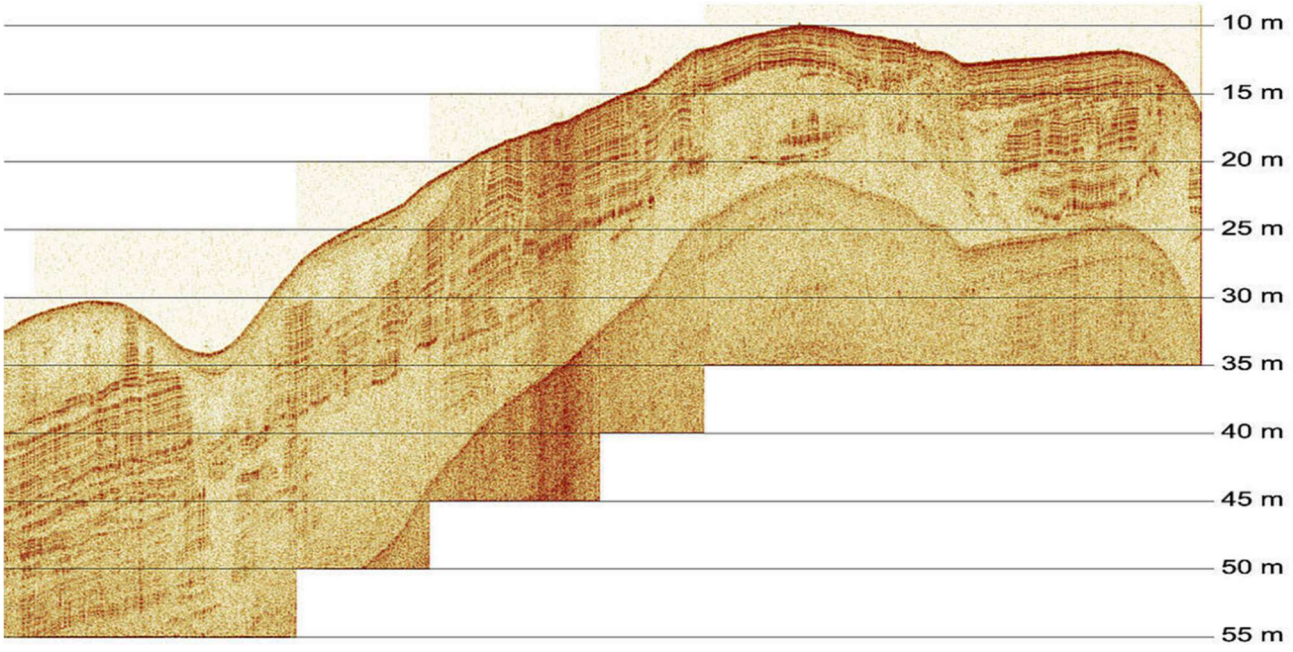


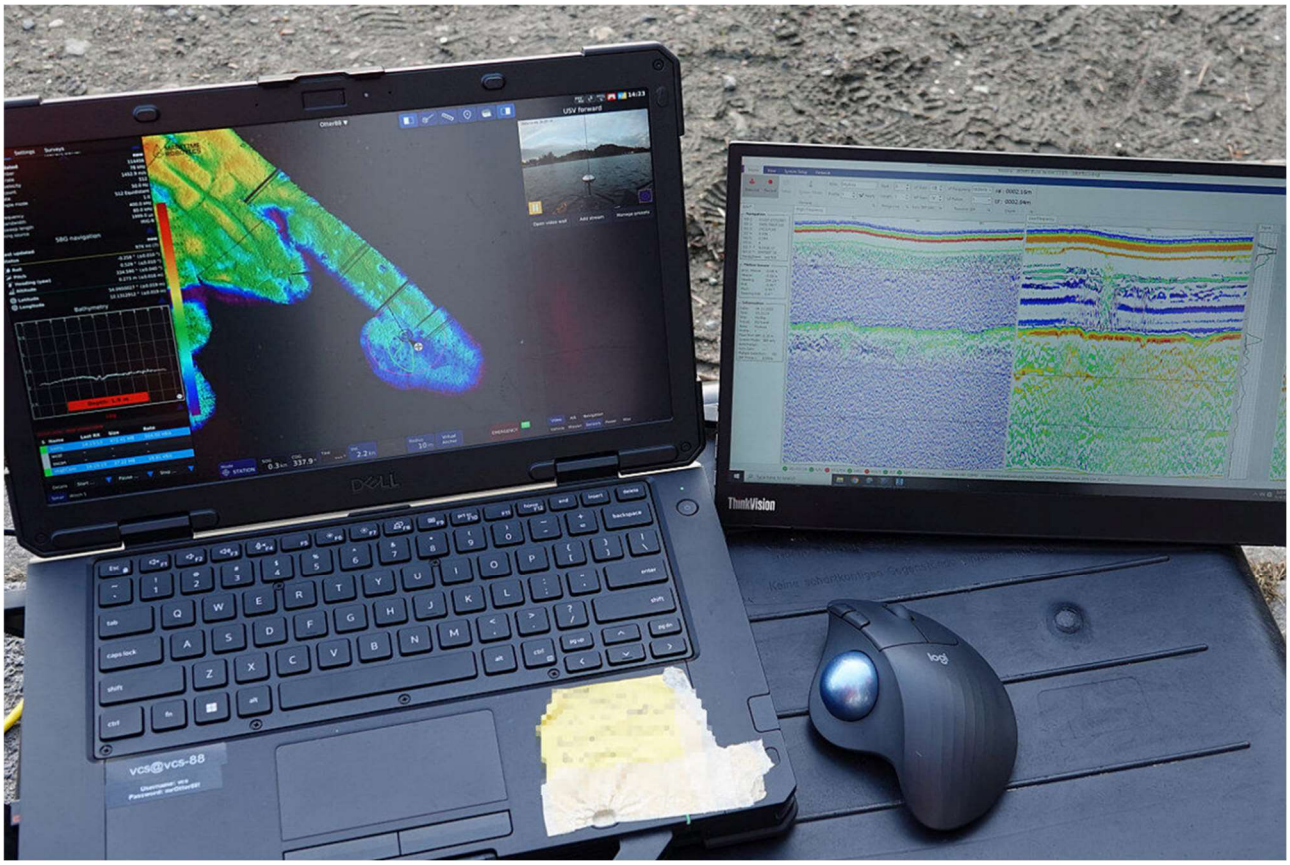
Amplitude Mode



High Resolution Mode

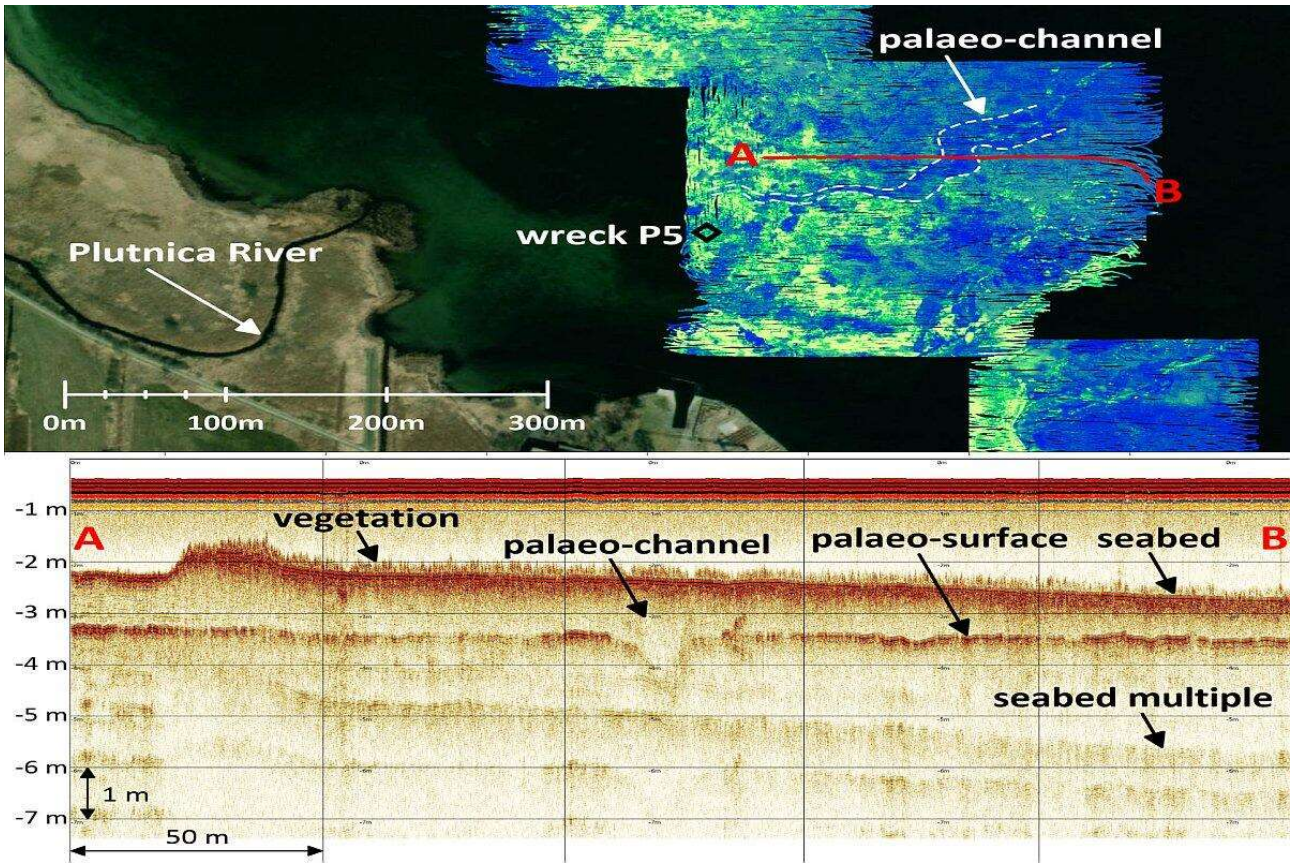


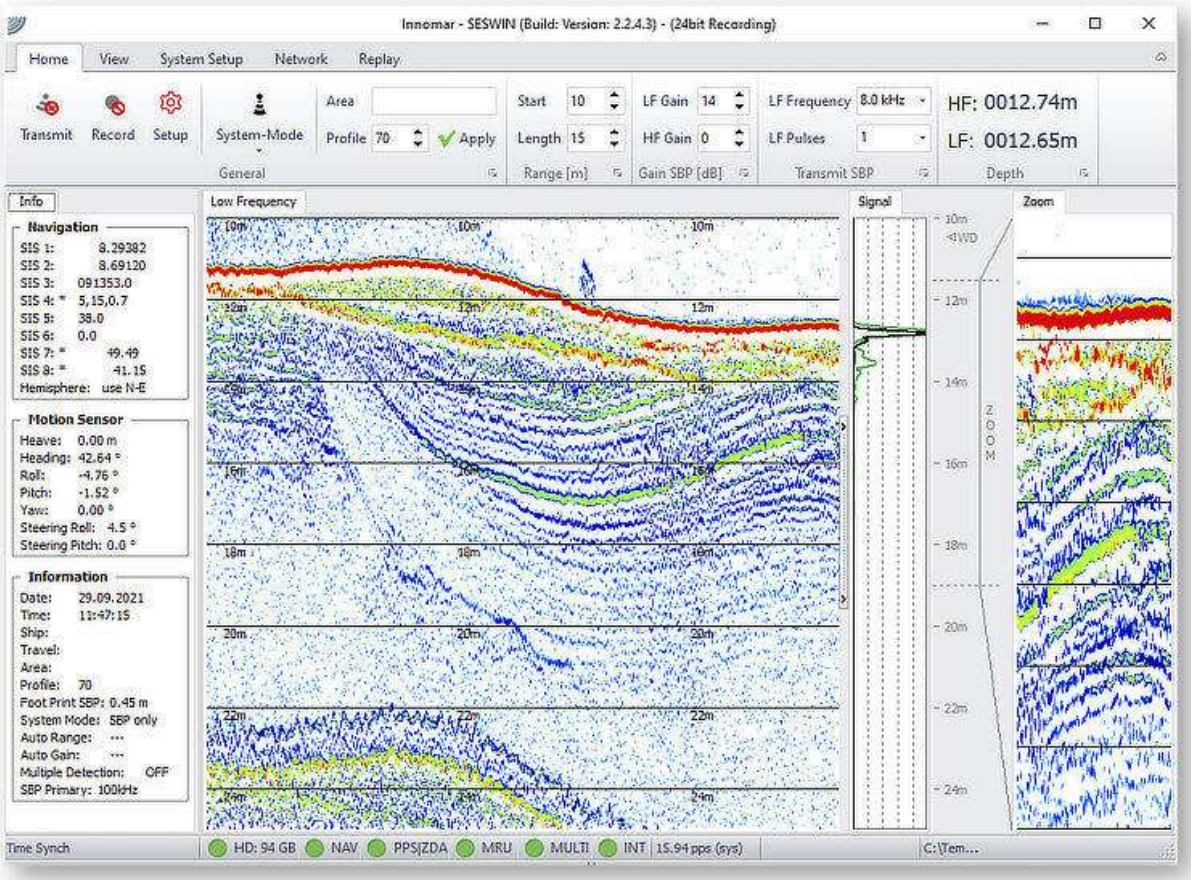


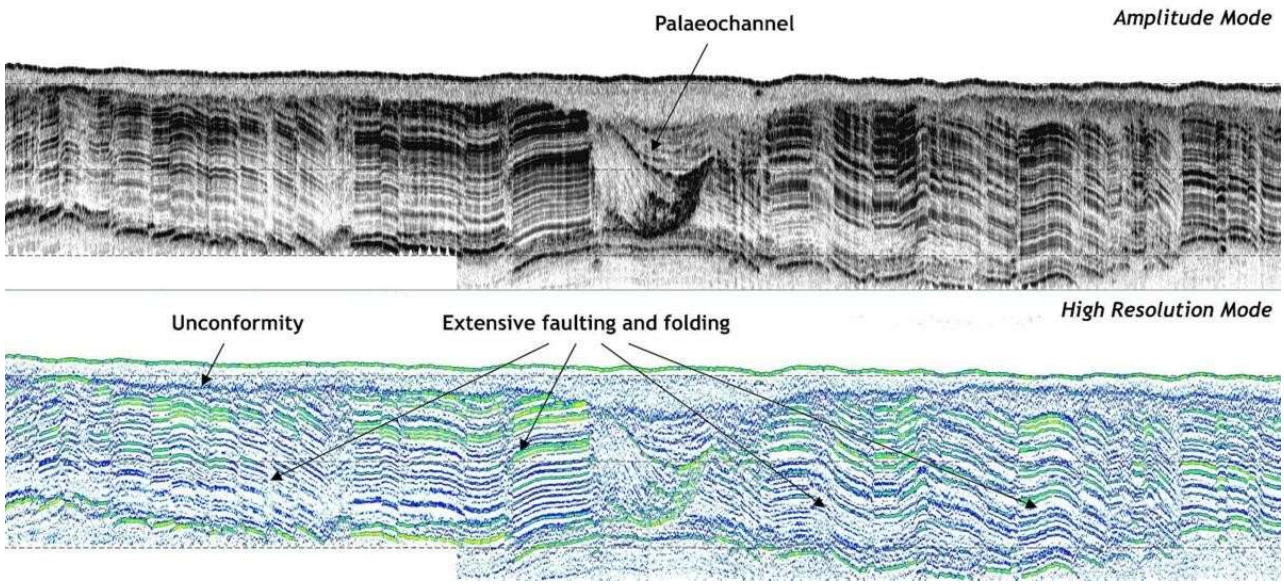

DELL
ThinkVision
vcs@vcs-88

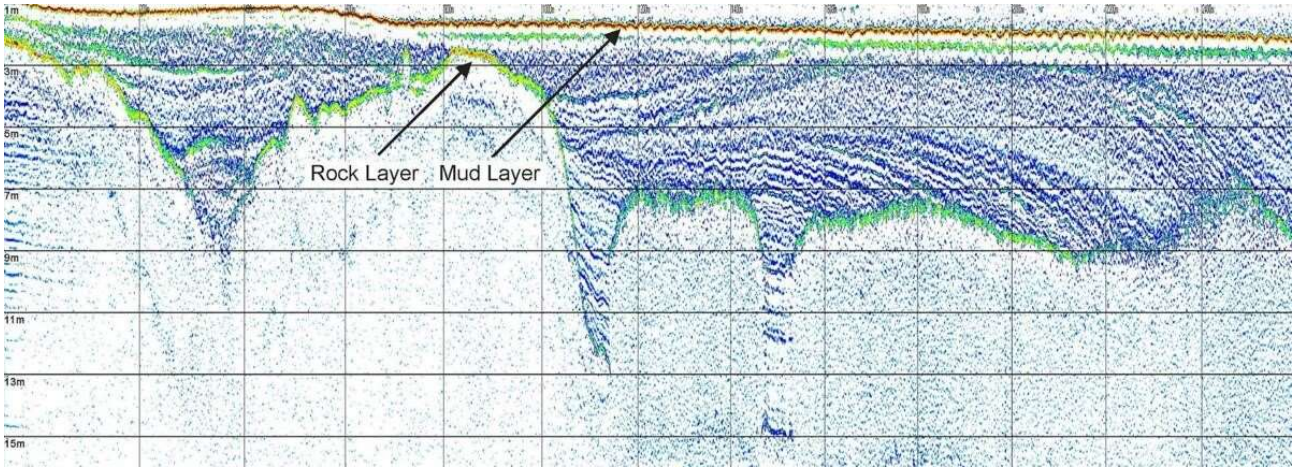

Innomar compact




palaeo-channel
A
B
wreck P5
Plutnica River
0m
100m
200m
300m
-1 m
-2 m
-3 m
-4 m
-5 m
-6 m
-7 m
A
vegetation
palaeo-channel
palaeo-surface
seabed
B
seabed multiple
1 m
50 m


Innomar - SESWIN (Build: Version: 2.2.4.3) - (24bit Recording)
Home
View
System Setup
Network
Replay
Transmit
Record
Setup
System-Mode
Area
Profile 70
Apply
General
Start 10
Length 15
Range [m]
LF Gain 14
HF Gain 0
Gain SBP [dB]
LF Frequency 8.0 kHz
LF Pulses 1
Transmit SBP
HF: 0012.74m
LF: 0012.65m
Depth
Info
Navigation
SIS 1: 8.29382
SIS 2: 8.69120
SIS 3: 091353.0
SIS 4: 5,15,0.7
SIS 5: 38.0
SIS 6: 0.0
SIS 7: 49.49
SIS 8: 41.15
Hemisphere: use N-E
Motion Sensor
Heave: 0.00 m
Heading: 42.64 °
Roll: -4.76 °
Pitch: -1.52 °
Yaw: 0.00 °
Steering Roll: 4.5 °
Steering Pitch: 0.0 °
Information
Date: 29.09.2021
Time: 11:47:15
Ship:
Travel:
Area:
Profile: 70
Foot Print SBP: 0.45 m
System Mode: SBP only
Auto Range: ...
Auto Gain: ...
Multiple Detection: OFF
SBP Primary: 100kHz
Low Frequency
Signal
Zoom
Time Synch
HD: 94 GB
NAV
PPS/ZDA
MRU
MULTI
INT
15.94 pps (sys)
C:\Tem...


Palaeochannel
Amplitude Mode
Unconformity
Extensive faulting and folding
High Resolution Mode


Rock Layer
Mud Layer