

Adrok Subsea

Sub-seabed virtual borehole system



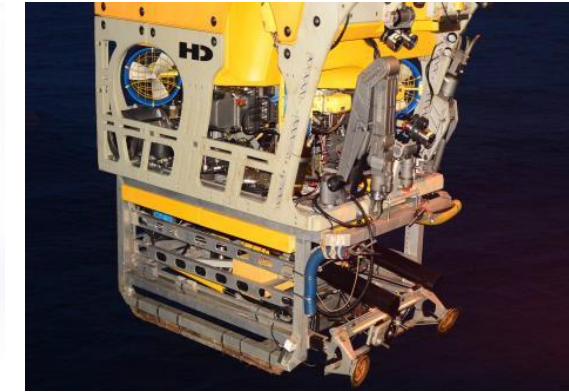
Bottom side: sensors



Top side acquisition server



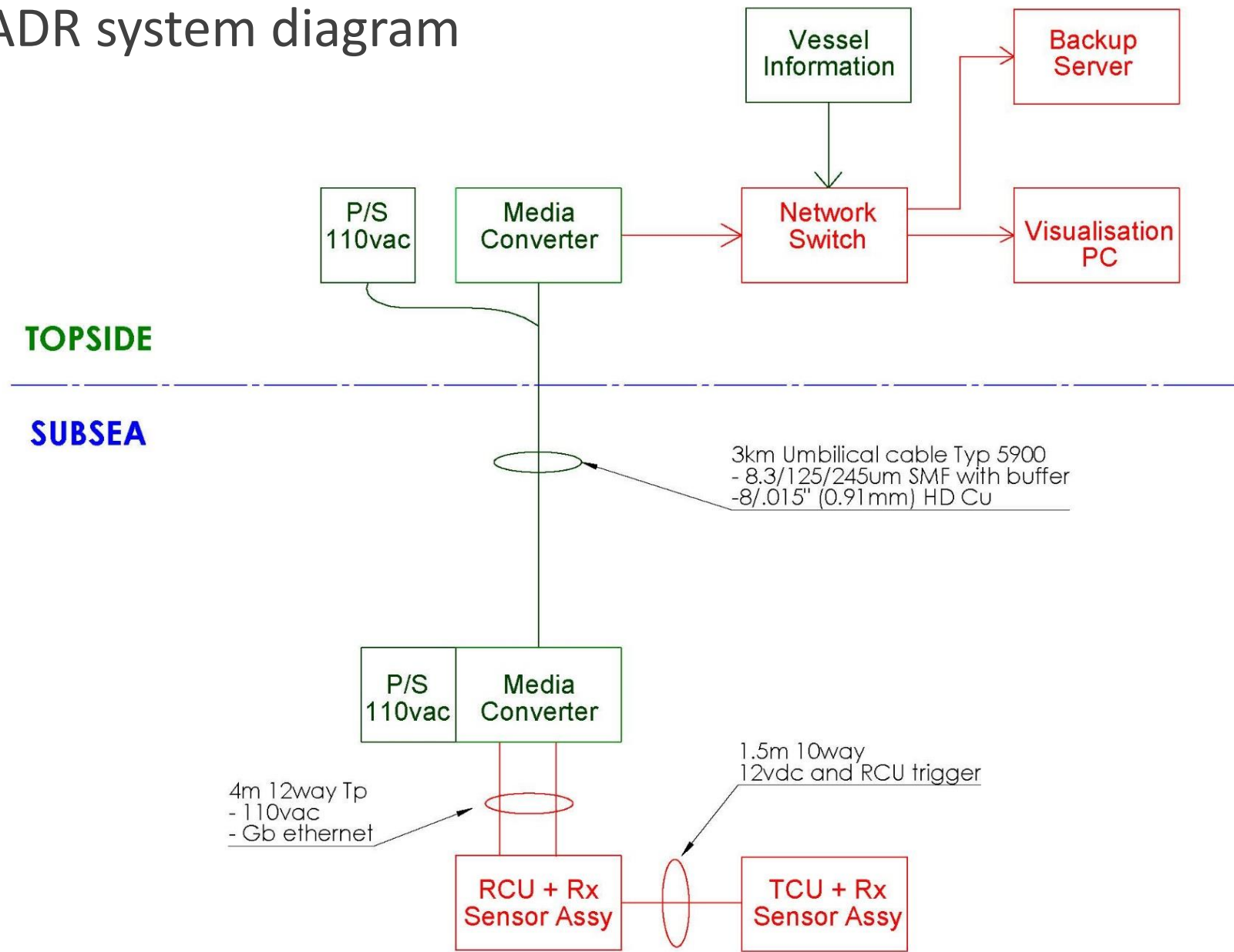
Top side acquisition PC



Features and benefits

- *2 sensors: *1 transmit *1 receive
- Titanium housing
- Air filled
- ROV mountable (could be mounted to towed vehicle)
- 6000m depth rating
- Weight in air 60kg (30kg per sensor)
- *1 cable connect between sensors
- *1 cable connect to MUX
- 1Gb Ethernet
- Powered from either 110 Vac or 48 Vdc

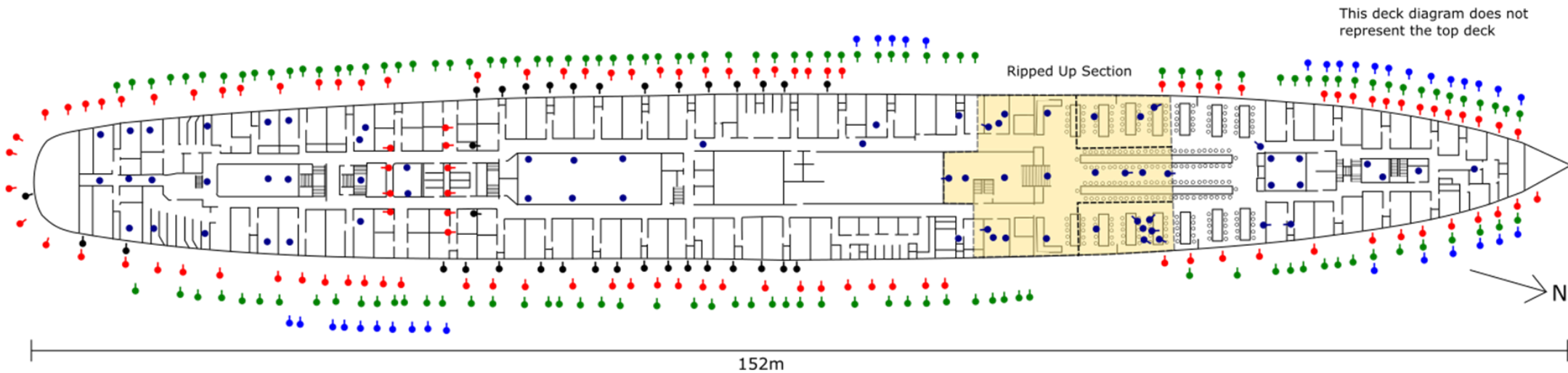
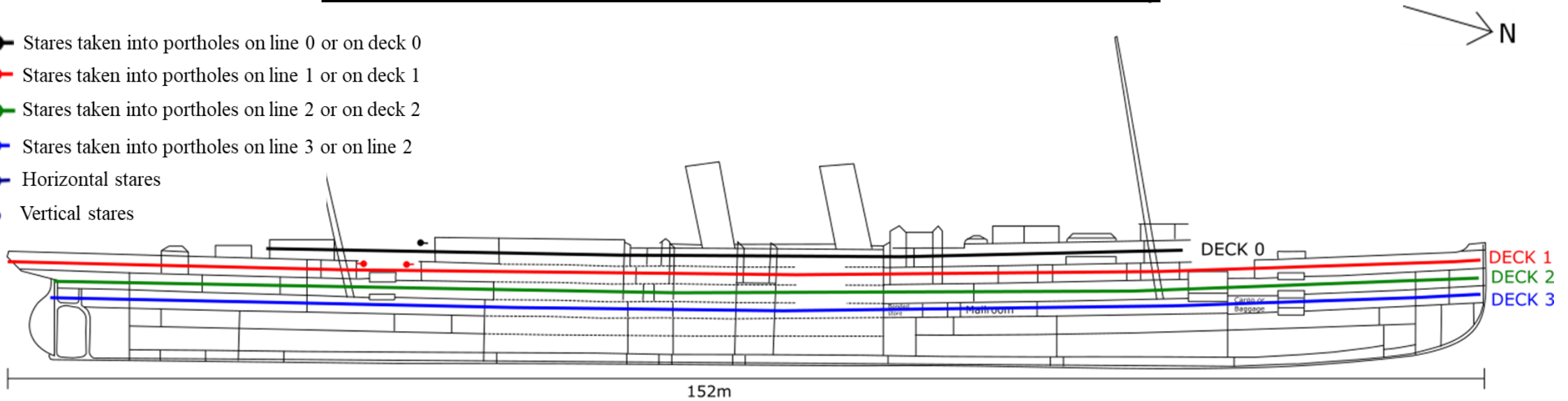
Sub-seabed ADR system diagram



Marine archaeology survey example

Task 1: Stares of areas of interest identified in 'As Found' survey

- Stares taken into portholes on line 0 or on deck 0
- Stares taken into portholes on line 1 or on deck 1
- Stares taken into portholes on line 2 or on deck 2
- Stares taken into portholes on line 3 or on line 2
- Horizontal stares
- Vertical stares



Marine archaeology results (1)

Stare	Maximum Hits			
	1Ag	16 Rupees	5Ag	Wet Wood
T1S17	129	116	110	54
T1S36	123		105	
T1S89			106	
T1S95			105	
T1S139	124	112	108	54
T1S149			106	53
T5S1	126	113	110	54

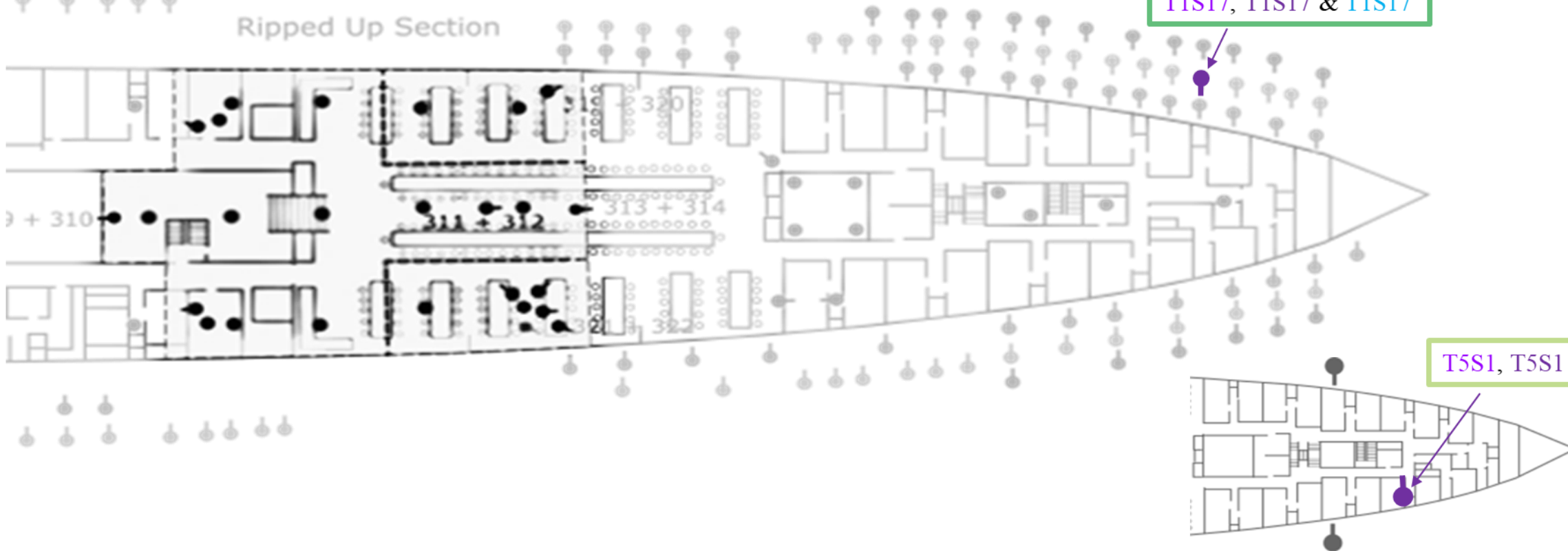
Stare	Maximum Hits			
	1Ag	16 Rupees	5Ag	Wet Wood
T1S17	129	116	110	54
T5S1	126	113	110	54
T1S139	124	112	108	54

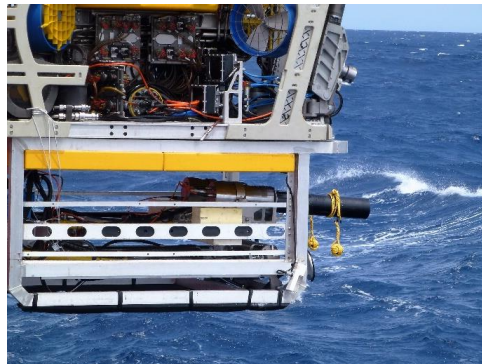
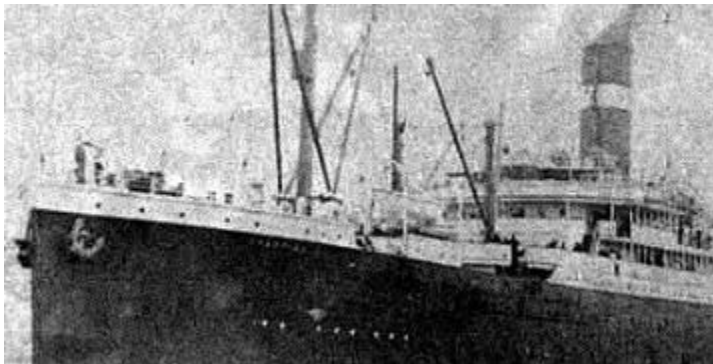


T1S139, T1S139 & T1S139

T1S17, T1S17 & T1S17

T5S1, T5S1 & T5S1





Marine archaeology results (2)

Prospect A

At the location of Stare 28, the highest hits for both Gold and Wood are registered, also very close from the highest EADR location (stare 45).

Prospect B

At the location of Stare 313, the highest hits for both Gold are also registered, although not as high as in Prospect A. Hits on the lower threshold of Wood hits and EADR are also found.

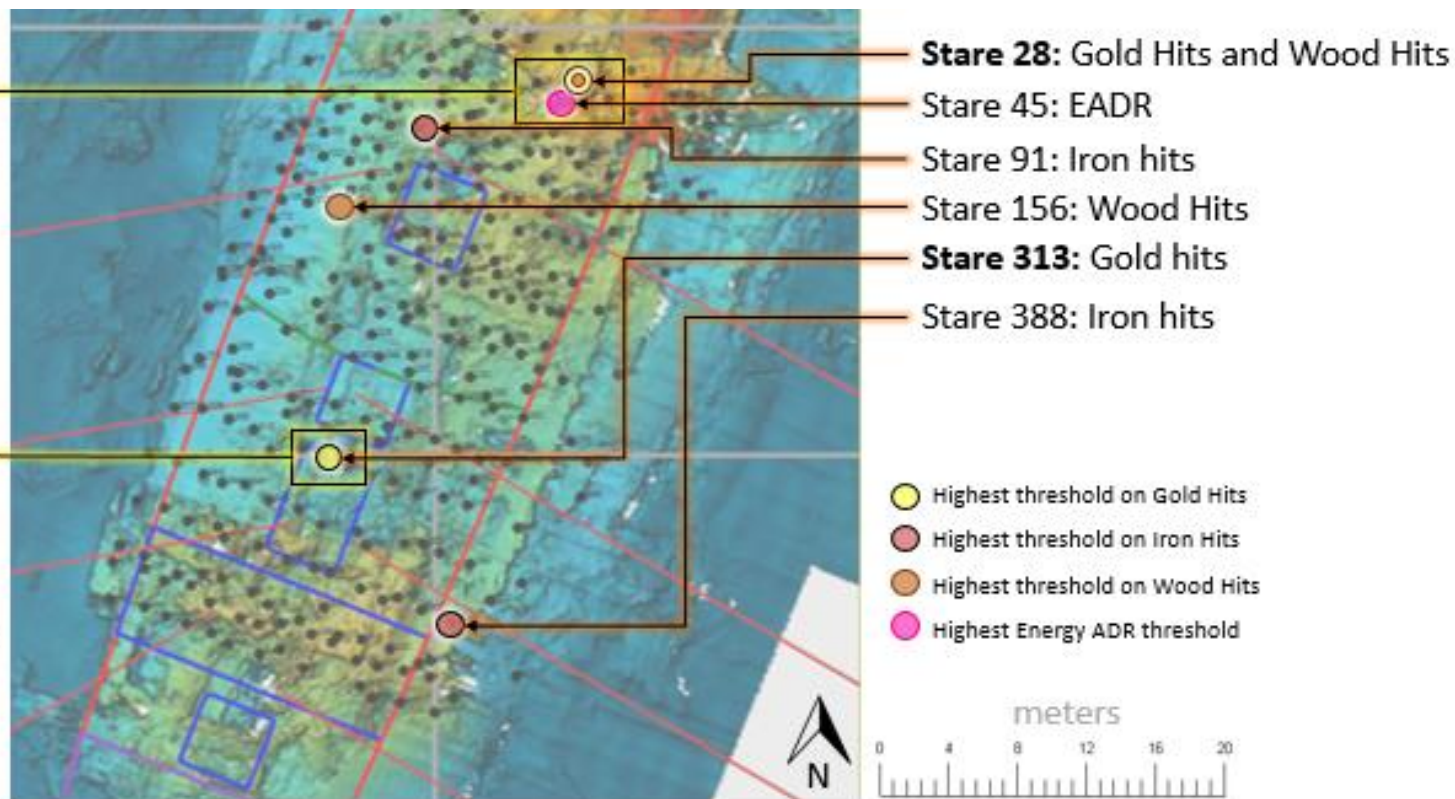


Diagram overlaying the elevation model of the wreck in the seabed with the prospects defined by Adrok and the best Stare locations.