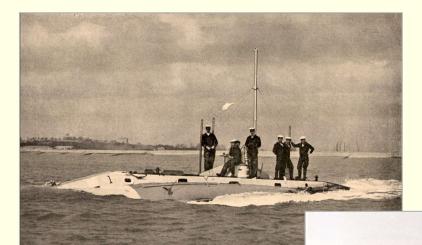


Early Royal Navy Submarines



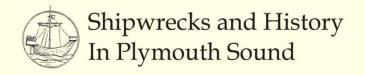


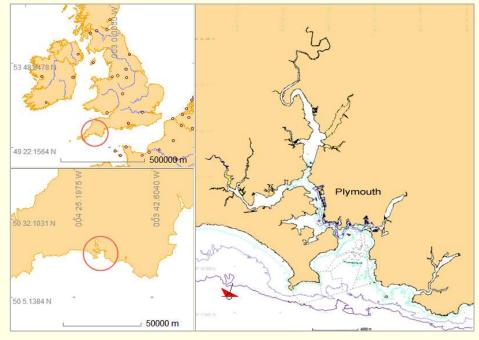
Holland 1, launched 1901
Built in the UK to a US design
Too small and too under-powered for sea going use

A1, launched 1902
UK design
Experimental 100ft prototype

First functional RN submarines, A2-A13

HMS/M A7, launched 1905, length 105ft, displacement 180/207 tons, crew 11

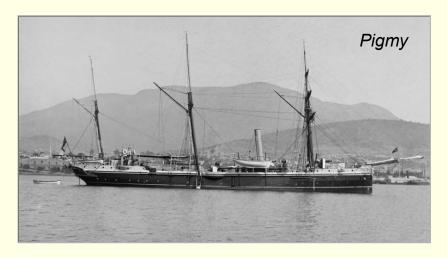






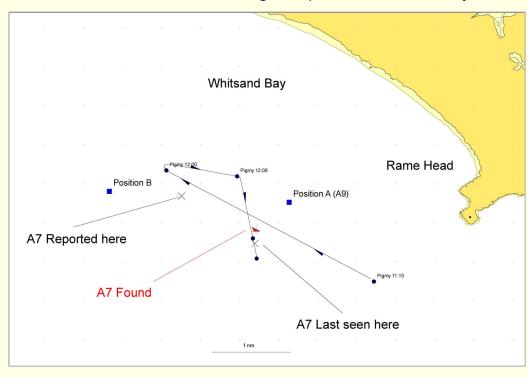
Friday 16th January 1914

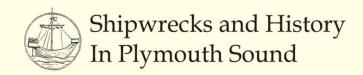




The A class boats became training vessels

A7 was lost with all hands during a torpedo exercise off Plymouth

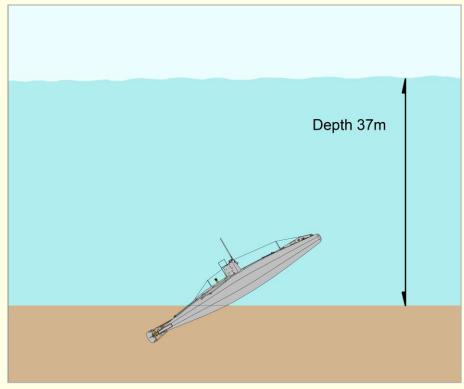




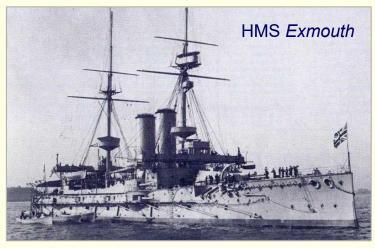
1914 - A7 Found

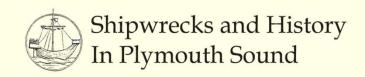












1981 - A7 Relocated

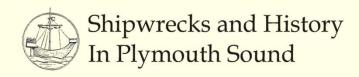


Dive No	Date 13 - 8 - 8)
Location: "A7" submarine	Time 1328
	Duration 18 mms
Plymouth	Bottom time
Organised byprivate	Max. Depth. 37 2 mtrs (123 ft)
Weather conditions: Hol & calm	,
Air temp: Cloud	/10 Wind
Water conditions:	
Water temp: Surface	Bottom
Visibility 15 - 20 ft Current	Tide
Physical condition:	
Before dive:	After dive: OK
Equipment (if different from page on Personal	Equipment):
Twin 505	
Dive leader:	
Companions:	
Purpose of dive: investigate wred	k rumour i
Additional details: (Nearest recompression char	nber, doctor, hospital etc.)
5 min decomp at 3 mto	
I muna accomp in I mus	

The A7 was found by sports divers on 13th August 1981

In 2001 the A7 was designated under the UK Protection of Military Remains Act 1986 and all diving was banned





2014 - The A7 Project



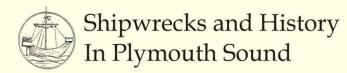
The aims of the A7 Project are:

- Aim 1 Document the story of the loss of the submarine
- Aim 2 Undertake a detailed site assessment
- Aim 3 Undertake a condition assessment of the wreck
- Aim 4 Raise public awareness about the submarine and its loss
- Aim 5 Investigate the cause of the loss of the submarine
- Aim 6 Create an archive of information about the submarine

The first license to visit a Controlled site was given to the SHIPS Project to study the A7 submarine.







A7 Project Team & Partners



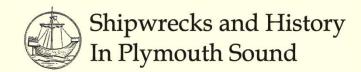












Documenting her Life and Loss



H.M.S. "Forth" at Devonport.

19th. January 1914.

Sir,

I have the honour to make the following report on the loss of Submarine A7.

On 16th. January Submarines A9 and A7 were taken out by me in Pigmy for Torpedo Practice in Whitsand Bay. A9 was stationed at position A (22 miles West North West from Rame Head) A7 was stationed at position B (5 miles

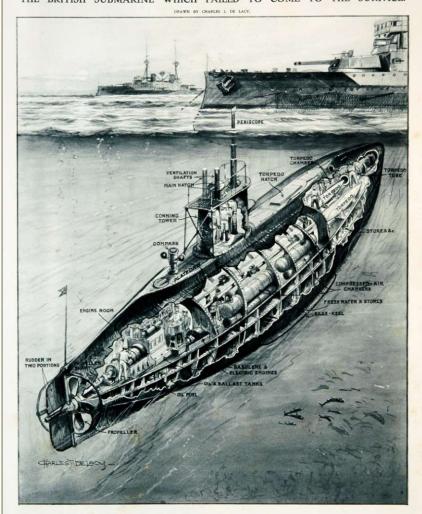
Dive No	Date 13-8-81
Location: "A7" submarie	Time 1328
	Duration 18 pms
Plymouth	Bottom time
Organised byprivate	Max. Depth 37 t nto (123
Weather conditions: Hot w culn	III
Air temp: Cloud	//o Wind
Water conditions:	
Water temp: Surface	Bottom
Water temp: Surface	+ kt Tide
2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	TO THE PROPERTY OF THE PROPERT
Physical condition:	
Before dive:	After dive: OK
1.500	
Equipment (if different from page on Persona	al Equipment):
The state of the s	sl Equipment):
Equipment (if different from page on Persona	al Equipment):
Turin 50 5	
Twin 50 s	
Turn 505 Dive leader: Companions: R.Dale , 5 In	
Turn 505 Dive leader: Companions: R. Bale, 5 In	emee
Turn 505 Dive leader: Companions: R. Bale, 5 Inc	emee
Turn 505 Dive leader: Companions: R.Dale , 5 Interpreted to the companions of dive:	ernel.
Turn 505 Dive leader: Companions: R.Dale , 5 Interpreted to the companions of dive:	ernel.
Turn 505 Dive leader: Companions: R. Bale, 5 Inc	ernel.
Tim 505 Dive leader: Companions: R.Dale, 5 Interpreted to the companions of dive:	ernel.

Notes: There was a fisherman rumour that this spot marked the A7. a small trace showed on the chart Webber dived first, down a shot line. The see bed compass that the "A7 wankers club" was p formed. The following day found us back on site; Royar W went down and fixed a large (4 cut?) lifting long went down and fixed a large (4 cut?) lifting long iass. The bag shot to the surface

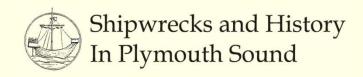
steam until the line snagged the lifting bag. More lines were attacked and the compass windled on observed as shit limped. The congress still worked although the spirit was figging as it decompressed, and even the his light bulbs were intest,

The week is runowed to have a gunnetal coming tower and mercury ballast.

THE ILLUSTRATED LONDON NEWS, Jan. 24, 1914.- 129 THE BRITISH SUBMARINE WHICH FAILED TO COME TO THE SURFACE.

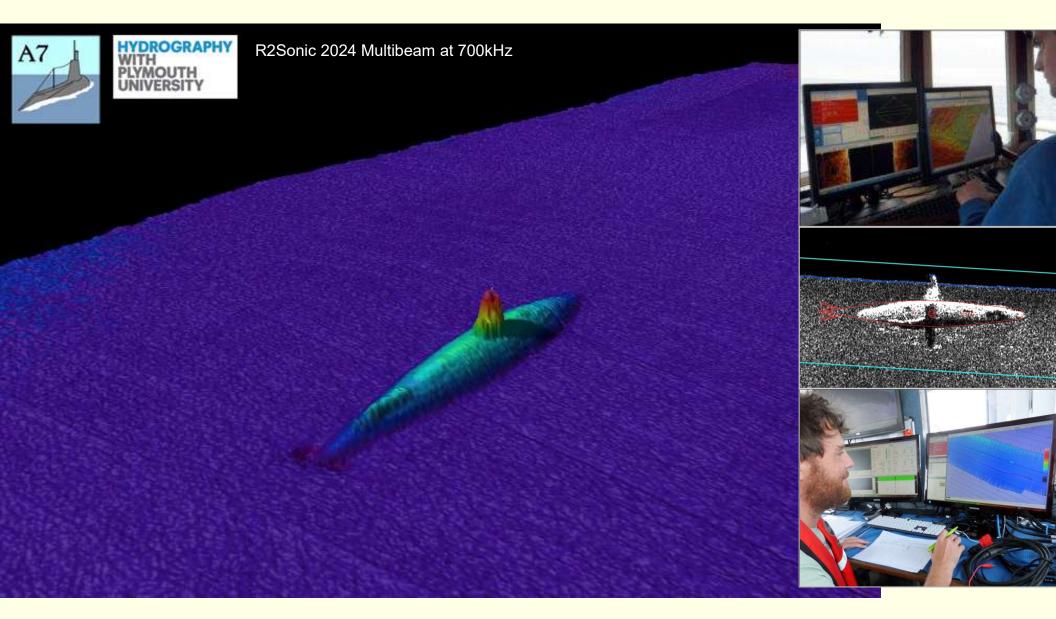


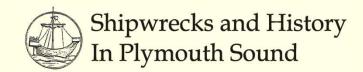
ONE OF A CLASS OF WHICH THERE WERE THIRTEEN: THE LOST "A 7"-A SECTION.



Geophysical Survey







Detailed Recording







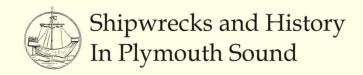






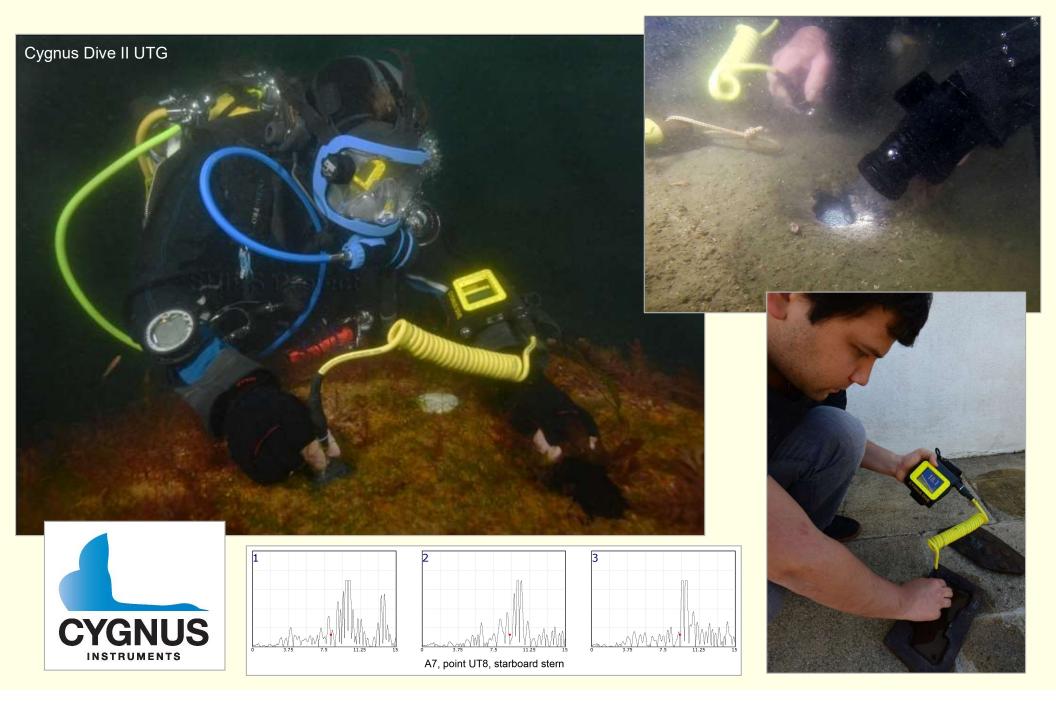


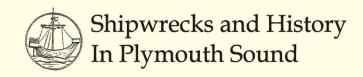




Hull Thickness Research

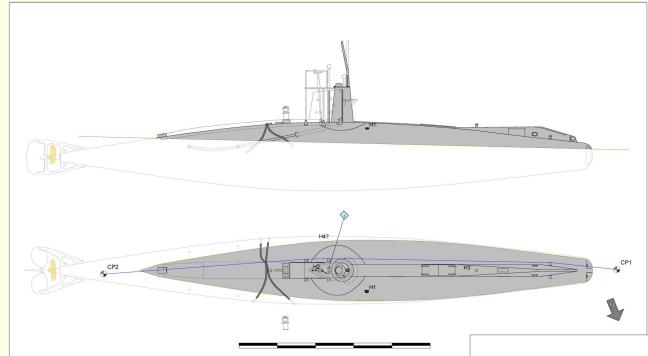






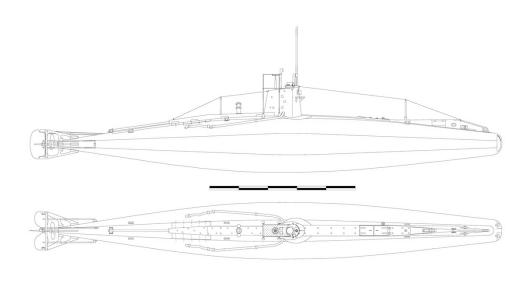
Plans and Drawings

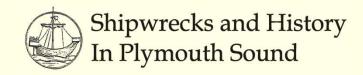




Site plan in Site Recorder 4

New engineering drawings created as no contemporary plans exist

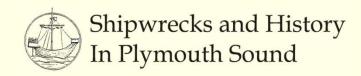




Virtual Reality 3D Model

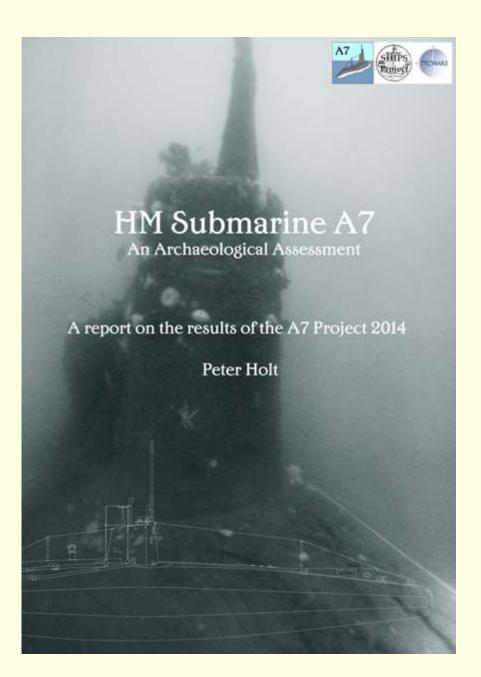






Publications





Project report to be published in 2015

Proposed further work:

- Site monitoring
- More hull thickness measurements
- Net and rope removal
- More detail recording

www.promare.co.uk/a7project



Thank you

shipsproject.org

email: pete@3HConsulting.com

facebook: TheShipsProject

Twitter: @SHIPSProject























indeep
diving & marine services











