Brief overview of the NERC AUVs….

What exists?

C. Day

National Marine facilities, Sea Systems,
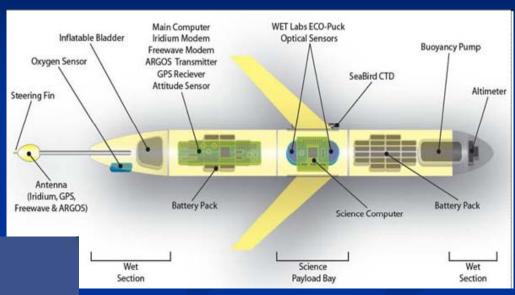NOC

What do we have <u>today</u> at NOC

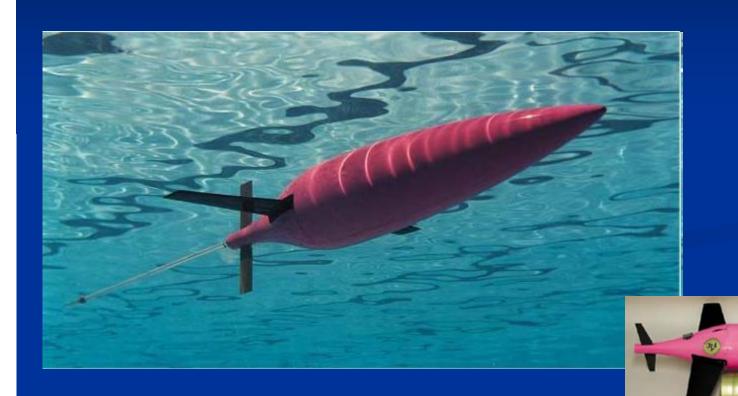| Vehicle type	Number	Location	'Owner'	Comment
Teledyne Webb G1 Slocum electric 1000m	4	NOCS	Smeed x 3 RAPID x 1	Non-pumped Seabird CTD.
Teledyne Webb G1 117 Slocum electric 200m	1	NOCL		Non-pumped Seabird CTD, Aanderaa Optode dissolved oxygen sensor, WetLabs Triplet sensor (CDOM, Chlorophyll-a and OBS Turbidity).
Teledyne Webb G1 175 Slocum electric 200m	1	NOCL		Non-pumped Seabird CTD, Rockland MicroRider 1000m rated turbulence probe (micro conductivity, shear and temperature up to 512 Hz).
Teledyne Webb G2 194 Slocum electric 200m	1	NOCL		Pumped Seabird CTD, Aanderaa Optode dissolved oxygen sensor, WetLabs Triplet sensor (CDOM, Chlorophyll-a and OBS Turbidity).
Autosub3	1	NOCS	NMF-NMEP	Dual pumped Seabird CTDs, Up-and down-looking ADCPs. EM2000 Swath MBES. Others as required.
Autosub6000	1	NOCS	DST-OTEG	Dual pumped Seabird CTDs, Up-and down-looking ADCPs. EM2000 Swath MBES. Others as required.
Total	**9**			

What do we have <u>today</u> at other institutes?

Vehicle type	Number	Location	'Owner'	Comment
Seaglider – 1000m	1		SAMS	
Seaglider – 1000m	2		UEA	
Total	**3**			

4 off Teledyne Webb Slocum electric 1000m
2 off Teledyne Webb Slocum electric 200m

3 off 1000m Seagliders

NOCS glider web site:

www.noc.soton.ac.uk/omf/projects/glider/data.php

SAMS glider website:

http://dalriada.sams.ac.uk/glider/

UEA glider website:

http://envsoft.uea.ac.uk/SeaGlider/DIVES/index.php

Questions on glider operation and support:

- What facilities do others have to support glider operations?

- Do you support 'fleets' of gliders or 'one or two'?

- How much shore based technician time do gliders take to manage?