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**1. The status of implementation (major achievements and problems in 2013)**

**- floats deployed and their performance**

No floats were deployed in 2013. Delayed delivery and technical issues with the floats procured meant that the trans-Atlantic cruise they were to be deployed on had departed.

**- technical problems encountered and solved**

Floats borrowed from Coriolis had to be returned to have the firmware checked so scheduled cruise for deployment had departed.

**- status of contributions to Argo data management (including status of pressure corrections, technical files, etc)**

Carried out by BODC for us.

**- status of delayed mode quality control process**

Carried out by BODC for us.

**2. Present level of and future prospects for national funding for Argo including a summary of the level of human resources devoted to Argo.**

Ireland is seeking candidate membership of the Euro Argo ERIC (legal consortium) and has made a commitment to a contribution of €10k per annum to the central coordinating office as part of an oceanographic capacity building initiative at national level. There were some technical/legal difficulties with the ERIC framework at national level but these are beginning to be resolved. The importance of the Atlantic Strategy<sup>1</sup> in Ireland is recognised and it is hoped that Ireland will apply for full membership of the ERIC in the coming year. In the interim, it is our intention to continue to deploy three floats per annum, subject to funding availability.

**3. Summary of deployment plans (level of commitment, areas of float Deployment, low or high resolution profiles) and other commitments to Argo (data management) for the upcoming year and beyond where possible.**

Subject to funding availability, three floats will be procured and deployed per annum. They are typically deployed in the North Atlantic as this is the primary operational area of the national research vessel the R.V. *Celtic Explorer*. The procurement overhead (staff time) required to tender for three floats per annum is not ideal. Multi-annual funding for this programme is not yet available, although it is hoped that as part of the oceanographic capacity building initiative at national level, a multi-annual commitment will be forthcoming.

**4. Summary of national research and operational uses of Argo data as well as contributions to Argo Regional Centers. Please also include any links to national program Argo web pages to update links on the AST and AIC websites.**

Argo data is primarily used to validate ROMS models in the Oceanographic Services section of the Marine Institute.

<http://www.marine.ie/home/services/operational/DeepSeaResearch/EuroArgo.htm>

**5. Issues that your country wishes to be considered and resolved by the Argo Steering Team regarding the international operation of Argo. These might include tasks performed by the AIC,**

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<sup>1</sup> [http://ec.europa.eu/maritimeaffairs/policy/sea\\_basins/atlantic\\_ocean/documents/com\\_2013\\_279\\_en.pdf](http://ec.europa.eu/maritimeaffairs/policy/sea_basins/atlantic_ocean/documents/com_2013_279_en.pdf)

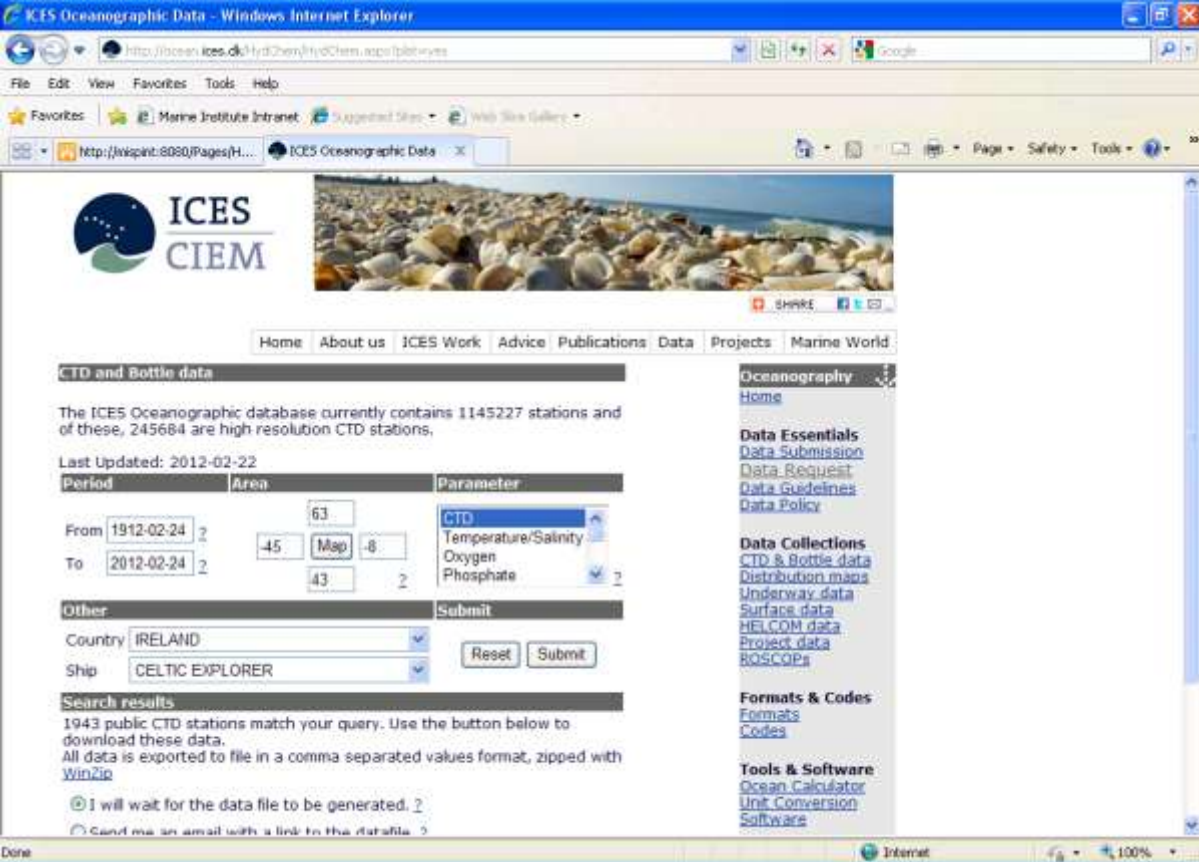
the coordination of activities at an international level and the performance of the Argo data system. If you have specific comments, please include them in your national report.  
N/A as can be dealt with through Euro-Argo office.

**6. To continue improving the number of CTD cruise data being added to the reference database by Argo PIs, it is requested that you include the number and location of CTD cruise data uploaded by PIs within your country to the CCHDO website in the past year. These cruises could be used for Argo calibration purposes only or could be cruises that are open to the public as well.**

No CTD data are uploaded to the CCHDO website. However, all CTD data are emailed to Else Juul Green ([else@ices.dk](mailto:else@ices.dk)) who checks the data before it is uploaded to the ICES Oceanographic data portal annually:

<http://ocean.ices.dk/HydChem/HydChem.aspx?plot=yes>

Data from 2013 will be uploaded to ICES in the coming weeks.



The screenshot shows the ICES Oceanographic Data website in Internet Explorer. The page features the ICES CIEM logo and a navigation menu with links to Home, About us, ICES Work, Advice, Publications, Data, Projects, and Marine World. The main content area is titled "CTD and Bottle data" and contains the following information:

The ICES Oceanographic database currently contains 1145227 stations and of these, 245684 are high resolution CTD stations.  
Last Updated: 2012-02-22

Period	Area	Parameter
From: 1912-02-24	63	CTD
To: 2012-02-24	-45	Temperature/Salinity
	43	Oxygen
		Phosphate

Other: Country: IRELAND, Ship: CELTIC EXPLORER. Buttons for "Reset" and "Submit" are visible.

Search results: 1943 public CTD stations match your query. Use the button below to download these data. All data is exported to file in a comma separated values format, zipped with WinZip.

Additional options: "I will wait for the data file to be generated." and "Send me an email with a link to the datafile."

The right sidebar contains a "Oceanography" menu with links to Home, Data Essentials (Data Submission, Data Request, Data Guidelines, Data Policy), Data Collections (CTD & Bottle data, Distribution maps, Underway data, Surface data, HELCOM data, Project data, ROSCOPs), Formats & Codes (Formats, Codes), and Tools & Software (Ocean Calculator, Unit Conversion, Software).

**7. Keeping the Argo bibliography (<http://www.argo.ucsd.edu/Bibliography.html>) up to date and accurate is an important part of the Argo website. This document helps demonstrate the value of Argo and can possibly help countries when applying for continued Argo funding. We are almost to 1000 papers published using Argo data! So, please include a list of all papers published by scientists within your country in the past year using Argo data, including non-English publications. Unfortunately, no peer reviewed articles have been published that I am aware of.**

A small, popular science article appeared in the national newspaper recently describing Argo floats and the Coriolis data centre: <http://www.irishtimes.com/news/environment/another-life-gathering-flotsam-jetsam-and-itp47-1.1675260>

**8. I am also attaching a spreadsheet of the commitments table which I updated on January 17,2013 using the AIC website. Almost 100% of estimated floats were actually deployed (881 estimated vs 854 Argo only deployed).**

No floats were deployed in 2013 for logistical reasons. It is the intention of the MI to deploy two-three floats in the North Atlantic in 2014.