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Fourth International Port Meteorological (PMO) Workshop

Orlando , USA, 08-10 November 2010

Recruitment of Ship Resources





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Discussion Points

- Requirements.
- Available materials for ship recruitment and promotion.
- Costs.
- Discussions with maritime companiers
- Discussions with ship's staff
- Chartering of vessels for drifter and float deployments





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Requirements

- The ship has to passing through area of interest.
- The ship has to be of suitable size and configuration to be able to safely make deployments.
- The ship has to be willing to load, store, deploy and report on deployments.
- Getting permission from company or owner.





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Available materials for ship recruitment and promotion

- The Internet – All major shipping lines have their own websites, so its just a matter of going into their websites and checking for vessels using transects passing through the areas where your equipment needs to be deployed.
- The DBCP brochure
- All manually reporting ships are now equipped with TurboWin electronic logbook software – A very user friendly program that makes the doing of observations simpler ,more accurate and less time consuming.





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Costs

- Freight, storage, customs documentation, personnel.
- For the deploying ship there are no costs – We stress that the ship does not have to stop or slow down, or deviate from its route, and the sending of deployment data should also be free.





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Discussions with maritime companies

- Have regular discussions (say annually) with the main ship owners (usually the marine superintendent or manager) to encourage participation at the company level.
- Explain that the program is a global program, often say that x, y and z ships have done this for us in the past – it can play on company rivalries, they don't want the competition to do something they are not.
- Also in recent time companies want to be seen to do something 'green' like helping with research since it makes them look good.





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Discussions with ship's staff

- Dress appropriately and follow ships etiquette. (First impressions are lasting impressions)
- Give a briefing of what is required to as many crew members that are available or interested to ensure that the drops go safely.





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Chartering of vessels for drifter and float deployments

- **Sv. Lady Amber**
-
- To place further buoys would require a consistent and focused placement strategy. With this in mind, a pilot project is being run under Mr. Mathieu Belbeoch of JCOMMOPS, using a dedicated sailing vessel on a full time basis for deployment purposes.
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- The Explorers Trust crew of the sailing vessel 'Lady Amber' is a group of volunteers on call to JCOMMOPS and dedicated exclusively to the deployment of SVP drifters and profile floats to meet the need for deployments in the most remote parts of the oceans seldom visited by merchant ships or other research vessels.
- The advantages of this rather unique method of deployment are numerous: aside from dramatically reduced pollution of the oceans, she is also able to maintain a slower speed when necessary, and has a lower height above the water-line for ease and safety of buoy deployment.
- The vessel can carry up to 4 researchers or scientists in relative comfort, as well as having the ability to stop easily, and launch the workboat for buoy repairs or recovery.
- With an exceptionally sturdy construction, schooner rigged with a low sail plan, 'Lady Amber' is designed and built to withstand rough sea conditions and in addition, create a more stable working platform than a motor vessel of similar size.
- Being primarily wind powered, this long distance cruiser would demonstrate a significantly reduced operating cost and consequently a reduction in the costs of deployment per buoy.
- As a vessel dedicated to the project, it is believed that 'Lady Amber' would make an invaluable contribution to sustaining the Global Data Buoy Network and a substantial contribution to the Argo Program.





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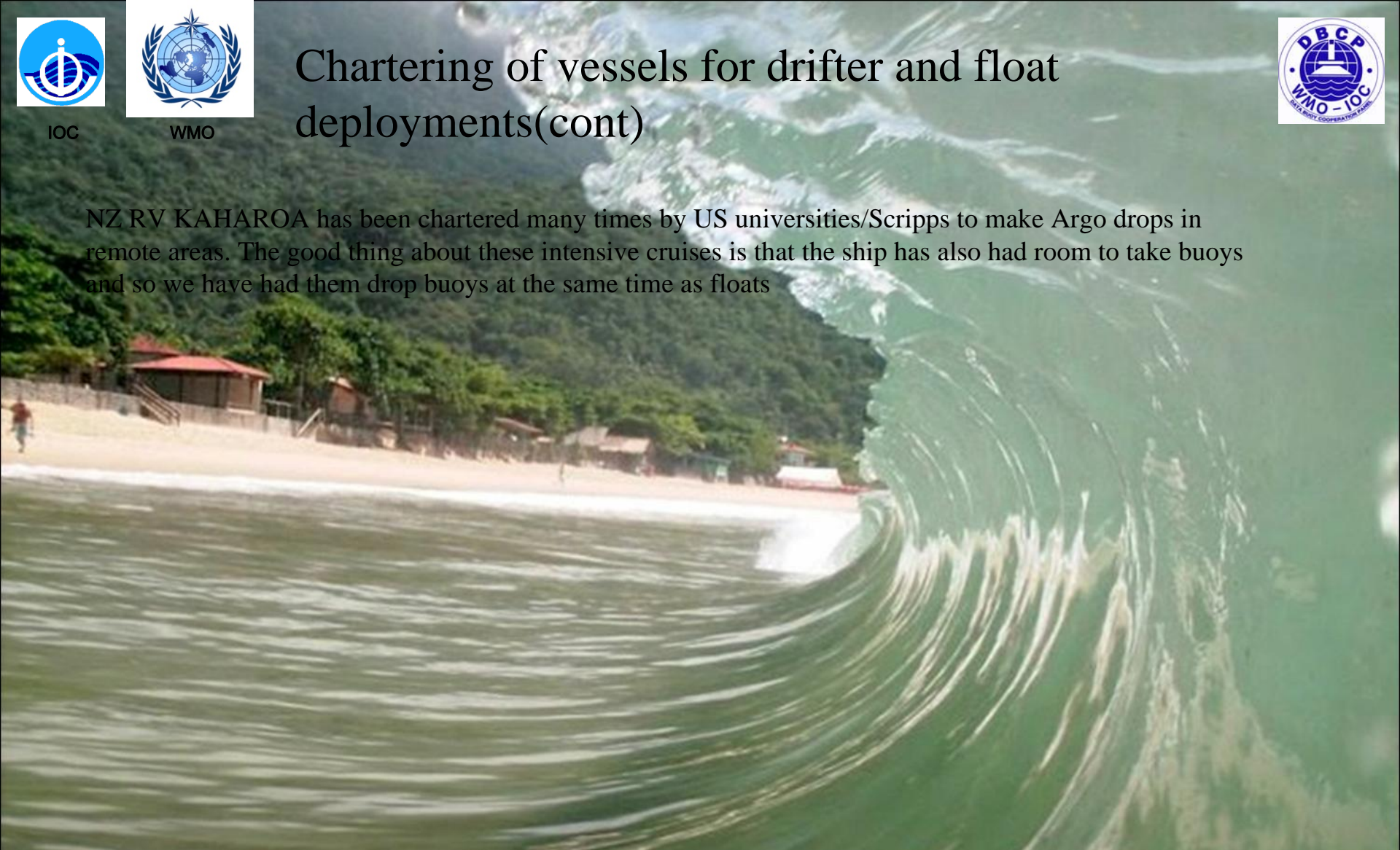


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Chartering of vessels for drifter and float deployments(cont)

NZ RV KAHAROA has been chartered many times by US universities/Scripps to make Argo drops in remote areas. The good thing about these intensive cruises is that the ship has also had room to take buoys and so we have had them drop buoys at the same time as floats





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Yacht Mhadei in Table Bay harbour (To deploy 2 SVP-B West of Madagascar)



09.03.2010 03:07



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Cmmdr. Donhe with Sydney on board the yacht Mhadei



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Buoys stored on board the SA Agulhas





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Deploying XBT's in rough seas on the Ronald Brown





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Thank you!

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