***Drifter Buoy Deployment Summary (26/08/2014 – 24/09/2014)***

***AX080914 – Maersk Vilnius (Call Sign: 9V8503)***

***Technician: Chris Jacobs***

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| --- | --- | --- |
| ***Serial Number*** | ***Deployment Date (time GMT)*** | ***Deployment Position*** |
| ***116371*** | ***04 September 2014 (14h08)*** | ***24 59 61S ; 006 12 90E*** |
| ***116265*** | ***“*** | ***“*** |
| ***116372*** | ***05 September 2014 (03h55)*** | ***23 00 24S ; 003 51 65E*** |
| ***116374*** | ***“*** | ***“*** |
| ***129320*** | ***05 September 2014 (18h04)*** | ***20 58 56S ; 001 29 58E*** |
| ***129324*** | ***“*** | ***“*** |
| ***129323*** | ***06 September 2014 (07h30)*** | ***19 03 34S ; 000 38 43W*** |
| ***116376*** | ***“*** | ***“*** |
| ***129321*** | ***06 September 2014 (20h20)*** | ***17 03 87S ; 002 41 34W*** |
| ***129322*** | ***“*** | ***“*** |

***Additional Information:***

All of the deployments took place while the ship was underway travelling at around 12.5 knots. During all of the deployments, calm seas with long swells were experienced with no inclement weather for any of the deployments. The drifter buoys were deployed from the aft of the vessel and were deployed at times to coincide with an XBT drop so as to confirm position and SST. All of the drifters were deployed using the three step method as provided with drifter buoys which are:

1. Remove plastic wrap
2. DO NOT REMOVE paper tape, cardboard, or anything BUT plastic
3. Throw Buoy in water

The drifter deployments during the AX080914 cruise were successful which very little to no problems experienced thus no recommendations are suggested for future deployments. The Maersk Vilnius is an ideal vessel for these types of deployments with the captain and crew being more than willing to assist with the deployments even during the early hours of the morning. A huge thank you to the captain, Rachel Keown, officers and crew of the Maersk Vilnius, especially Dave and Haji, for all the effort and assistance, with the deployments, and the great hospitality aboard the cruise.