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|  | **SOOP Report for 2017** | | | | | | **Country =** | |  | | **FRANCE** | |
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|  | **a.** |  | | | | **Programme description:** | | | | | | |
| **Line** | | **Agency** | | **Sampling programme and target mode (if applicable)** | | | | | **XBT/XCTD/CTD/pCO2** | | **No. of Ship Riders** |
| AX01 | | IRD Brest | | XBT Devil – High Density | | | | | XBT | |  |
|  | AX11 | | IRD Brest | | Carbochange / ICOS | | | | | pCO2 | |  |
|  | AX20 | | IRD Brest | | Carbochange / ICOS | | | | | pCO2 | |  |
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|  | **b.** |  | | | | **Data management** | | | | | | |
|  | **Agency** | | | | **No. of BUFR messages on the GTS in 2017** | | | **Location of delayed-mode data** | | | | |
|  | IRD Brest / NOAA | | | | ? | | | Sent to NOAA:  http://www.aoml.noaa.gov/phod/hdenxbt/index.php | | | | |
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|  | **c.** | **Major challenges and difficulties:** |
|  | Bad weather conditions along AX01 (Iceland – Greenland) leads to questionable XBT data in winter. Many profiles cut off less than 400m. | |
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|  | **d.** | **Research / development / testing:** |
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|  | | |
|  | **e.** | **Other comments:** |
| **XBT Data are sent to NOAA, Francis Bringas, a few weeks after recovering.**  **CO2 data from AX11 are sent to ICOS for validation.** | |
|  | | |