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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.** |
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