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|  | **SOOP Report for 2017** | **Country =** | **Italy** |
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|  | **a.** | **Programme description:** |
| **Line** | **Agency** | **Sampling programme and target mode (if applicable)** | **No. of ships** |
| MX04 | ENEA | Sampling characteristics = about 12 nm in distance and about 45 days in time | 3 |
|  |  |  |  |  |
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|  | **b.** | **Data management** |
|  | **Agency** | **No. of JJVV messages on the GTS in 2017** | **Location of delayed-mode data** |
|  | ENEA | --- |  |
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|  | **c.** | **Major challenges and difficulties:** |
|  | The search for funds to maintain monitoring is usually without results. |
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|  | **d.** | **Research / development / testing:** |
| Small comparison test XBT vs. CTD has been conducted to verify the characteristic of Sippican T10 XBT probes. |
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|  | **e.** | **Other comments:** |
| Raw profiles from transect MX04 are inserted in GTS by AOML-NOAA. QC data are inserted in SeaDataNet portal.In 2017, ENEA was able to manage six repetitions on transect MX04:* one cruise with the ship LA SUPERBA (IMO=9214276);
* two cruises with the ship LA SUPREMA (IMO=9214288);
* three cruises with the ship EXCELSIOR (IMO=9184419);

In summer 2017, a pallet of Sippican XBT DB probes was purchased by extra-funds and this allowed the maintain the SOOP activity. About twenty boxes of XBT probes are currently available for SOOP cruises: it will be possible to maintain the currently adopted High Density sampling scheme for seven further cruises (up to January 2019).At the moment there are no funds (and are not foreseeable) for the purchase of XBT probes to continue the SOOP activity after January 2019. |
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