

VOS and VOSClm Report for 2009

Russian Federation

| a. Programme description: | | |
|---------------------------------|-----------------------------|----------|
| Category | No. of ships at 31 Dec 2009 | Comments |
| <i>Selected</i> | 235 | No |
| <i>Supplementary</i> | 0 | No |
| <i>Auxiliary</i> | 0 | No |
| <i>Other (specify)</i> | 0 | No |
| Total National VOS Fleet | 235 | |

| b. VOS: | |
|---|-------------|
| <i>Number of VOS vessels recruited in 2009</i> | 4 |
| <i>Number of VOS vessels de-recruited in 2009</i> | 12 |
| <i>Target number of ships in the national VOS Fleet</i> | possibility |

| c. VOSClm: | |
|--|-------------|
| <i>Number of VOSClm vessels at 31 December 2009</i> | 0 |
| <i>Number of VOSClm vessels recruited in 2009</i> | 0 |
| <i>Number of VOSClm de-recruitments in 2009</i> | 0 |
| <i>Number of VOSClm recruitments planned for 2010</i> | possibility |
| <i>Target number of ships to participate in VOSClm</i> | possibility |

| d. Automated observing systems: | | | | |
|---------------------------------|-----------------------------|-----------------------|-----------------|----------------------------|
| Type | No. of ships at 31 Dec 2009 | Manual Input Yes / No | Method of Comms | 2010 Planned installations |
| No | 0 | | | No |
| | | | | |
| | | | | |

| e. Data management: | |
|--|-------|
| <i>Total number of ship observations (BBXX) distributed on the GTS in 2009</i> | 17520 |
| <i>Number of submissions of VOS data to the GCC in 2009</i> | |

| f. Electronic logbooks: (do not include AWS-based systems) | | |
|--|-----------------------------|----------------------|
| Software & version | No. of ships at 31 Dec 2009 | Implementation plans |
| No | 0 | possibility |
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| | | |

g. Major challenges and difficulties:

Reluctance of the ship owners to charge additional duties on ship crew

h. Research / development / testing:

Specialized software complex "Shturman-meteorolog" has been developed. Now in beta-testing.

i. Other comments:

No