# THE SYSTEM OF DATA COLLECTION IN THE BARENTS SEA BY THE OBSERVERS FROM PINRO 

Yu.M. Lepesevich, K.V.Drevetnyak, A.P.Pedchenko




Word Fisheries Production 1950-1998

(FAO):
1997-40\% - commercial fish stocks still have potential for fishery; 60\% - overexploited or harvested at a maximum yield; 2000-25 \% - commercial fish stocks still have potential for fishery 75\% - overexploited or harvested at a maximum level;


Federal Law "On fisheries and conservation of aquatic biological resources" No. 166 of 20 December 2004.

Decisions of the annual meetings of the Joint Russian-Norwegian Fisheries Commission.

Regulations of the government of the Russian Federation No. 704 "On the quotas for harvesting aquatic biological resources" of 20 November 2003.

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Number of hydrographic stations made by observers from PINRO aboard fishing vessels in 2003 and 2004

|  | 2003 |  | 2004 |  |
| :--- | :---: | :---: | :---: | :---: |
|  | Number | $\%$ | Number | $\%$ |
| According to Regulations No. <br> 704 | 40 | 7 | 78 | 12 |
| According to the fishery <br> program of JRNFC | 516 | 93 | 550 | 88 |
| TOTAL | 556 | 100 | 628 | 100 |



Hydrographic stations made by exploratory vessels in the Barents Sea in 2003 (a) and 2004 (b)

ICES areas

## Data collected

| Measurement | Feeding | Age | Tagging | Stomachs | QFA | Genetics |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

Implementing Regulations No. 704 (January-August)

| I | 113214 | 14081 | 1776 | - | - | 1320 | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| II-a | 70371 | 6776 | 1814 | - | - | 1665 | 100 |
| II-b | 38282 | 2950 | 550 | - | - | 575 | - |
| Total | $\mathbf{2 2 1 8 6 7}$ | $\mathbf{2 3 8 0 7}$ | $\mathbf{4 1 4 0}$ | - | - | $\mathbf{3 5 6 0}$ | $\mathbf{1 0 0}$ |

According to the Protocol of the 33d meeting of the JRNFC (September-December)

| I | 298688 | 29671 | 7164 | - | - | 5056 | 300 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| II-a | 19212 | 1844 | 233 | - | 150 | 235 | - |
| II-b | 402085 | 40554 | 7924 | 915 | - | 7579 | 75 |
| Total | $\mathbf{7 1 9 9 8 5}$ | $\mathbf{7 2 0 6 9}$ | $\mathbf{1 5 3 2 1}$ | $\mathbf{9 1 5}$ | $\mathbf{1 5 0}$ | $\mathbf{1 2 8 7 0}$ | $\mathbf{3 7 5}$ |

TOTAL

| I | 411902 | 43752 | 8940 | - | - | 8630 | 300 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| II-a | 89583 | 8620 | 2047 | - | 150 | 1900 | 100 |
| II-b | 440367 | 43504 | 8474 | 915 | - | 8154 | 75 |
| Total | $\mathbf{9 4 1 8 5 2}$ | $\mathbf{9 5 8 7 6}$ | $\mathbf{1 9 4 6 1}$ | $\mathbf{9 1 5}$ | $\mathbf{1 5 0}$ | $\mathbf{1 8 6 8 4}$ | $\mathbf{4 7 5}$ |



Some fishing and biological data from cruises made in accordance with Regulations No. 704 (1) and when taking scientific quotas (2) in the total volume of data collected in 2004.


Operation areas of the vessels with observers when implementing Regulations No. 704 (dark-blue colour) and the Program of JRNFC (red colour) in 2004


