

1 CC: Daphny Johnson, Igor Smolyar, Oceanographers

Dear Syd!

I send to E-mail Smolyar My Data, which had passed quality control.

The work were conducted in the ice area and high latitude of the Barents sea. Because we have set following

Parametrs of the DATA Quality Control:

Maximum velocity of the Ship = 20 knits;

Permit minimum of the water Stabylity ==500.

To: Syd Letitus, Director NODC
CC: Daphny Johnson, Igor Smolyar, Oceanographers

Dear Syd!

In My first message is one error.

Parametrs of the DATA Quality Control:

Maximum velocity of the Ship = 33 knits;

Permit minimum of the water Stabylity ==1000.

Oleg Sochnev , Vice Director MMBI

April 12, 1996

Total there 24 files and ²⁷⁸⁹~~2142~~ stations.
There are the files:

- 1)
 1. OWNERSHIP - MMBI - OLEG SOCHEV
 2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
 3. SHIP NAME - OTTO SHMIDT 6566
 4. CRUISE NUMBER - (1)
 5. NUMBER OF STATIONS - 59
 6. NUMBER OF FILE - 1
 7. FILES NAME - R01N.SOC
 8. DATA FORMAT - RNODC-M
 9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
 10. QUALITY CONTROL - YES
- 2)
 1. OWNERSHIP - MMBI - OLEG SOCHEV
 2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
 3. SHIP NAME - OTTO SHMIDT
 4. CRUISE NUMBER - (2)
 5. NUMBER OF STATIONS - 33
 6. NUMBER OF FILE - 1
 7. FILES NAME - R02N.SOC
 8. DATA FORMAT - RNODC-M
 9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
 10. QUALITY CONTROL - YES
- 3)
 1. OWNERSHIP - MMBI - OLEG SOCHEV
 2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
 3. SHIP NAME - OTTO SHMIDT
 4. CRUISE NUMBER - (3)
 5. NUMBER OF STATIONS - 145
 6. NUMBER OF FILE - 1
 7. FILES NAME - R03N.SOC
 8. DATA FORMAT - RNODC-M
 9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
 10. QUALITY CONTROL - YES
- 4)
 1. OWNERSHIP - MMBI - OLEG SOCHEV
 2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
 3. SHIP NAME - OTTO SHMIDT

4. CRU ISE NUMBER - (4)
 5. NUMBER OF STATIONS - 186
 6. NUMBER OF FILE - 1
 7. FILES NAME - R04N.SOC
 8. DATA FORMAT - RNODC-M
 9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
 10. QUALITY CONTROL - YES
- 5)
1. OWNERSHIP - MMBI - OLEG SOCHEV
 2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
 3. SHIP NAME - OTTO SHMIDT
 4. CRUISE NUMBER - (5)
 5. NUMBER OF STATIONS - 84
 6. NUMBER OF FILE - 1
 7. FILES NAME - R05N.SOC
 8. DATA FORMAT - RNODC-M
 9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
 10. QUALITY CONTROL - YES
- 6)
1. OWNERSHIP - MMBI - OLEG SOCHEV
 2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
 3. SHIP NAME - OTTO SHMIDT
 4. CRUISE NUMBER - (6)
 5. NUMBER OF STATIONS - 43
 6. NUMBER OF FILE - 1
 7. FILES NAME - R06N.SOC
 8. DATA FORMAT - RNODC-M
 9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
 10. QUALITY CONTROL - YES
- 7)
1. OWNERSHIP - MMBI - OLEG SOCHEV
 2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
 3. SHIP NAME - OTTO SHMIDT
 4. CRUISE NUMBER - (7)
 5. NUMBER OF STATIONS - 169
 6. NUMBER OF FILE - 1
 7. FILES NAME - R07N.SOC
 8. DATA FORMAT - RNODC-M
 9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
 10. QUALITY CONTROL - YES
- 8)
1. OWNERSHIP - MMBI - OLEG SOCHEV
 2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
 3. SHIP NAME - OTTO SHMIDT
 4. CRUISE NUMBER - (8)
 5. NUMBER OF STATIONS - 59
 6. NUMBER OF FILE - 1
 7. FILES NAME - R08N.SOC
 8. DATA FORMAT - RNODC-M
 9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
 10. QUALITY CONTROL - YES
- 9)
1. OWNERSHIP - MMBI - OLEG SOCHEV
 2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
 3. SHIP NAME - OTTO SHMIDT
 4. CRUISE NUMBER - (9)
 5. NUMBER OF STATIONS - 163
 6. NUMBER OF FILE - 1
 7. FILES NAME - R09N.SOC
 8. DATA FORMAT - RNODC-M
 9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
 10. QUALITY CONTROL - YES
- 10)
1. OWNERSHIP - MMBI - OLEG SOCHEV
 2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
 3. SHIP NAME - OTTO SHMIDT
 4. CRUISE NUMBER - (10)
 5. NUMBER OF STATIONS - 105
 6. NUMBER OF FILE - 1

7. FILES NAME - R10N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
10. QUALITY CONTROL - YES
- 11) 1. OWNERSHIP - MMBI - OLEG SOCHEV
2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
3. SHIP NAME - OTTO SHMIDT
4. CRUISE NUMBER - (11)
5. NUMBER OF STATIONS - 108
6. NUMBER OF FILE - 1
7. FILES NAME - R11N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
10. QUALITY CONTROL - YES
- 12) 1. OWNERSHIP - MMBI - OLEG SOCHEV
2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
3. SHIP NAME - OTTO SHMIDT
4. CRUISE NUMBER - (12)
5. NUMBER OF STATIONS - 62
6. NUMBER OF FILE - 1
7. FILES NAME - R12N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
10. QUALITY CONTROL - YES
- 13) 1. OWNERSHIP - MMBI - OLEG SOCHEV
2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
3. SHIP NAME - OTTO SHMIDT
4. CRUISE NUMBER - (13)
5. NUMBER OF STATIONS - 227
6. NUMBER OF FILE - 1
7. FILES NAME - R13N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
10. QUALITY CONTROL - YES
- 14) 1. OWNERSHIP - MMBI - OLEG SOCHEV
2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
3. SHIP NAME - OTTO SHMIDT
4. CRUISE NUMBER - (14)
5. NUMBER OF STATIONS - 116
6. NUMBER OF FILE - 1
7. FILES NAME - R14N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
10. QUALITY CONTROL - YES
- 15) 1. OWNERSHIP - MMBI - OLEG SOCHEV
2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
3. SHIP NAME - OTTO SHMIDT
4. CRUISE NUMBER - (15)
5. NUMBER OF STATIONS - 113
6. NUMBER OF FILE - 1
7. FILES NAME - R15N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
10. QUALITY CONTROL - YES
- 16) 1. OWNERSHIP - MMBI - OLEG SOCHEV
2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
3. SHIP NAME - OTTO SHMIDT
4. CRUISE NUMBER - (16)
5. NUMBER OF STATIONS - 88
6. NUMBER OF FILE - 1
7. FILES NAME - R16N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT

10. QUALITY CONTROL - YES
- 17) 1. OWNERSHIP - MMBI - OLEG SOCHEV
2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
3. SHIP NAME - OTTO SHMIDT
4. CRUISE NUMBER - (17)
5. NUMBER OF STATIONS - 265
6. NUMBER OF FILE - 1
7. FILES NAME - R17N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
10. QUALITY CONTROL - YES
- 18) 1. OWNERSHIP - MMBI - OLEG SOCHEV
2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
3. SHIP NAME - OTTO SHMIDT
4. CRUISE NUMBER - (18)
5. NUMBER OF STATIONS - 17
6. NUMBER OF FILE - 1
7. FILES NAME - R18N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
10. QUALITY CONTROL - YES
- 19) 1. OWNERSHIP - MMBI - OLEG SOCHEV
2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
3. SHIP NAME - OTTO SHMIDT
4. CRUISE NUMBER - (19)
5. NUMBER OF STATIONS - 157
6. NUMBER OF FILE - 1
7. FILES NAME - R19N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
10. QUALITY CONTROL - YES
- 20) 1. OWNERSHIP - MMBI - OLEG SOCHEV
2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
3. SHIP NAME - OTTO SHMIDT
4. CRUISE NUMBER - (20)
5. NUMBER OF STATIONS - 221
6. NUMBER OF FILE - 1
7. FILES NAME - R20N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
10. QUALITY CONTROL - YES
- 21) 1. OWNERSHIP - MMBI - OLEG SOCHEV
2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
3. SHIP NAME - OTTO SHMIDT
4. CRUISE NUMBER - (28)
5. NUMBER OF STATIONS - 133
6. NUMBER OF FILE - 1
7. FILES NAME - R28N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
10. QUALITY CONTROL - YES
- 22) 1. OWNERSHIP - MMBI - OLEG SOCHEV
2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
3. SHIP NAME - OTTO SHMIDT
4. CRUISE NUMBER - (31)
5. NUMBER OF STATIONS - 27
6. NUMBER OF FILE - 1
7. FILES NAME - R31N.SOC
8. DATA FORMAT - RNODC-M
9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
10. QUALITY CONTROL - YES
- 23) 1. OWNERSHIP - MMBI - OLEG SOCHEV

- 2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
 - 3. SHIP NAME - OTTO SHMIDT
 - 4. CRUISE NUMBER - (33)
 - 5. NUMBER OF STATIONS - 40
 - 6. NUMBER OF FILE - 1
 - 7. FILES NAME - R33N.SOC
 - 8. DATA FORMAT - RNODC-M
 - 9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
 - 10. QUALITY CONTROL - YES
- 24)
- 1. OWNERSHIP - MMBI - OLEG SOCHEV
 - 2. INSTRUMENT TYPE - OCEANOLOGY, NANSEN BATOMETR
 - 3. SHIP NAME - OTTO SHMIDT
 - 4. CRUISE NUMBER - (34)
 - 5. NUMBER OF STATIONS - 72
 - 6. NUMBER OF FILE - 1
 - 7. FILES NAME - R34N.SOC
 - 8. DATA FORMAT - RNODC-M
 - 9. UNITS - IN DESCRIPTIONS RNODC-M FORMAT
 - 10. QUALITY CONTROL - YES

These 24 files are compressed in 6 files:

soch_p1.arj (cruise 1,2,3,4,5);
soch_p2.arj (cruise 6,7,8,9);
soch_p3.arj (cruise 10,11,12,13);
soch_p4.arj (cruise 14,15,16,18);
soch_p5.arj (cruise 17,19,31);
soch_p1.arj (cruise 20,28,31).

Please, Indicate which information more it is necessary to repeat

Yours truly

Oleg Sochnev , Vice Director MMBI

April 12, 1996

6. NUMBER OF 7 t % 0 4. CRUISE NUMBER - 31
5. NUMBER OF STATIONS - 27
6. NUMBER OF FILE