

C.I.P.S.MATHEMATICAL MODEL
OF THE POLLUTION IN THE NORTH SEA.TECHNICAL REPORT
1971/03: CHIM.03/This paper not to be cited without prior reference to the author./DETERMINATION DES CONCENTRATIONS EN NITRATE ET NITRITE.

by Prof. I. ELSKENS & D. JANSSEN.-V.U.B.

| Identification | Concentration NO ₂ ⁻ µgr N/litre | Concentration NO ₃ ⁻ µgr N/litre |
|--------------------|---|---|
| MOI 07097I 1225 00 | 1.3 | 60.3 |
| " 1825 00 | 3 | 54.6 |
| " 1225 05 | 1.3 | 88.1 |
| " 1825 05 | 2.8 | 122.3 |
| M52 06097I 1740 00 | 2.3 | 70.2 |
| " 2323 00 | 1.2 | 0.9 |
| " 1740 10 | 1.8 | 15.1 |
| " 2323 15 | 1.7 | 120.4 |
| " 1740 20 | 1.3 | 12.6 |
| " 2323 25 | 2.1 | 95.2 |
| M53 08097I 0700 00 | 1.8 | 6.8 |
| " 1310 00 | 1.9 | 15.6 |
| " 0700 15 | 2.2 | 66.3 |
| " 1310 15 | 2.- | 24.3 |
| " 0700 25 | 1.6 | 8.2 |
| " 1310 30 | 1.7 | 75.7 |
| M54 20097I 1533 00 | 6.3 | 18.1 |
| " 2033 00 | 2.6 | 27.3 |
| " 1533 05 | 3.- | 20.- |
| " 2033 04 | 3.- | 27.4 |
| M55 13097I 1245 00 | 3.1 | 13.- |
| " 1825 00 | 2.5 | 5.4 |
| " 1245 10 | 2.8 | 8.9 |
| " 1825 10 | 2.8 | 3.1 |
| " 1245 15 | 2.8 | 12.7 |
| " 1825 20 | 3.5 | 5.7 |

| Identification | Concentration NO ₂ ⁻ | | Concentration NO ₃ ⁻ | |
|--------------------|--|-------------|--|-------------|
| | | µgr N/litre | | µgr N/litre |
| M58 09097I I450 00 | | 0.9 | | 9.- |
| " 2110 00 | | 1.4 | | 3.4 |
| " I450 20 | | 2.5 | | 5.0 |
| " 2110 20 | | 2.2 | | 7.5 |
| " I450 40 | | 1.5 | | 1.1 |
| " 2110 35 | | 1.6 | | 11.8 |
| M59 21097I 0800 00 | | 2.3 | | 27.3 |
| " I330 00 | | 6.4 | | 69.7 |
| " 0800 10 | | 3.2 | | 31.9 |
| " I330 10 | | 5.6 | | 4.3 |
| " 0800 15 | | 2.2 | | 31.7 |
| " I330 15 | | 3.7 | | 85.6 |
| M60 I6097I I007 00 | | 2.3 | | 3.9 |
| " I640 00 | | 2.2 | | ---- |
| " I007 15 | | 1.9 | | ---- |
| " I640 15 | | 1.7 | | 7.4 |
| " I007 25 | | 2.4 | | 9.8 |
| " I640 25 | | 3.1 | | 2.9 |
| M61 I6097I 2237 00 | | 2.- | | 0.6 |
| " 0537 00 | | 1.- | | 0.6 |
| " 2237 10 | | 2.- | | 6.3 |
| " 0537 15 | | 2.4 | | 9.3 |
| " 2237 30 | | 1.7 | | 0.6 |
| " 0537 30 | | 1.3 | | 0.9 |
| M62 I0097I 0300 00 | | 2.- | | 3.1 |
| " 0930 00 | | 2.4 | | |
| " 0300 15 | | 2.7 | | 0.3 |
| " 0930 15 | | 2.1 | | 6.1 |
| " 0300 30 | | 2.3 | | 2.2 |
| " 0930 30 | | 1.4 | | 7.5 |
| M63 22097I 0830 00 | | 17.1 | | 190.3 |
| " I445 00 | | 23.8 | | 156.1 |
| " 0830 10 | | 14.2 | | 123.7 |
| " I445 10 | | 15.1 | | 120.1 |
| " 0830 15 | | 10.- | | 84.5 |
| " I445 15 | | 10.6 | | 108.5 |

| Identification | Concentration NO ₂ ⁻ µgr N/litre | Concentration NO ₃ ⁻ µgr N/litre |
|--------------------|---|---|
| M66 I4097I I440 00 | 1.2 | 4.1 |
| " 2040 00 | 2.1 | 4.6 |
| " I440 I5 | 2.1 | 0.6 |
| " 2040 I5 | 1.6 | 3.1 |
| " I440 30 | 1.8 | ---- |
| " 2040 30 | 1.7 | ---- |
| M67 I4097I 0230 00 | 2.3 | 3.4 |
| " 0820 00 | 2.6 | 8.4 |
| " 0230 I5 | 1.8 | 4.1 |
| " 0820 I5 | 2.2 | 8.1 |
| " 0230 30 | 2.6 | 8.5 |
| " 0820 35 | 1.7 | 8.1 |
| M68 22097I 2000 00 | 10.- | 64.8 |
| 23" 7I 0435 00 | 7.5 | 47.6 |
| 22097I 2000 I0 | 8.9 | 58.1 |
| 23097I 0400 I0 | 7.1 | 24.4 |
| 22097I 2000 I5 | 7.- | 74.4 |
| 23097I 0400 I5 | 5.4 | 25.- |
| M70 23097I I454 00 | ---- | ---- |
| " 2107 00 | ---- | 2.1 |
| " I454 I0 | ---- | ---- |
| " 2107 I0 | ---- | 2. |
| " I454 20 | 3.8 | ---- |
| " 2107 20 | 0.7 | 1.5 |
| M72 I5077I I107 00 | 1.8 | 0.6 |
| " I648 00 | 2.5 | 2.2 |
| " I107 20 | 2.5 | 6.1 |
| " I648 20 | 1.2 | ---- |
| " I107 40 | 2.3 | ---- |
| " I648 40 | 2.4 | 6.0 |