ANNUAL MEETING - JUNE, 1963<br>Report on Discards and Industrial Fish in 1962<br>- Federal Republic of Germany -<br>by G. Krefft

For the year 1962 the same form of reporting has been chosen as for the year 1961 (cf. Annual Meeting 1962, Doc. No. 77), because it was not yet possible to provide the data according to the requirements set up during the last annual meeting.

When comparing the new data with that of the year 1961 the follow ing features can be seen:

Whereas in 1961 $348(76.5 \%)$ of a total of 455 trips to the convention area (excluding mixed trips) gave information on by-catch, the figures for 1962 are 350 (69.3\%) of a total of 505 trips.

18 tons of by-catches have been landed from Newfoundland waters as compared with only 3 tons in 1961。

The total "non-marketable" catch, i.e. discards and/or fish processed for industrial purposes, ranges between $9.2 \%$ and $24.8 \%$ of the total catch and between $10.1 \%$ and $33.0 \%$ of the total landings, the respective figures for 1961 being $11.5 \%$ and $24.0 \%$ for the total catch and $13.0 \%$ and $31.5 \%$ for the total landings.

Again the by-catches were lowest in subarea 1 and highest in subarea 3 due to the different size of cod and redfish in the different subareas.

The tendency of the trawlers without fishmeal plant to avoid fishing grounds stocked mainly with small fish in subarea 1 is shown once more. This type of vessel did not visit subarea 3 in 1962, their by-catch in subarea 2 amounted to about the same percentage (20.6) as that of the factory ships (19.8).

The discarded part amounted in 1962 to a somewhat higher percentage of the "non-marketable" catch than in 1961, the figures (1961 in brackets) being $13.7 \%$ ( 12.2 ) and $37.1 \%$ ( 31.3 ). Compared with the total catch, however, no more fish was discarded than in the year before, viz. $1.2 \%(2.5)$ to $7.4 \%(7.0)$ 。

| Subarea | TYPE OF VE3SEL | $\begin{aligned} & \text { No。 } \\ & \text { of } \\ & \text { TriPs } \end{aligned}$ | total catch （TONS） | Total LANDINGS（TONS） | nonamarketable Catch |  |  |  |  |  | Thereof Processed |  |  |  |  | thereof discarded |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | $\begin{aligned} & \text { TOTAL } \\ & \text { (TONS) } \end{aligned}$ | $\begin{aligned} & \text { \$OF } \\ & \text { TOTAL } \\ & \text { CATCH } \\ & \hline \end{aligned}$ | $\begin{gathered} \% \text { OF } \\ \text { TOTAL } \\ \text { LANDINGS } \end{gathered}$ | $\begin{aligned} & \text { CoD } \\ & \text { (TONS) } \end{aligned}$ | $\begin{aligned} & \text { REDFISH } \\ & \text { (TONS) } \end{aligned}$ | $\begin{aligned} & \text { VARIOUS } \\ & \text { (TONS) } \end{aligned}$ | $\begin{aligned} & \text { TOTAL } \\ & \text { (TONS) } \end{aligned}$ | \％OF NON MAPKET。 CATCH | $\begin{aligned} & \text { CoD } \\ & \text { (TONS) } \end{aligned}$ | REDFISH （TONS） | $\begin{aligned} & \text { VARIOUS } \\ & \text { (TONS) } \end{aligned}$ | $\begin{aligned} & \text { TOTAL } \\ & \text { (TONS) } \end{aligned}$ | \％OF NON－ MARKET． Catch | $\begin{aligned} & \text { (TOD } \\ & \text { (TONS) } \end{aligned}$ | $\begin{aligned} & \text { REDFISH } \\ & \text { (TONS) } \end{aligned}$ | $\begin{aligned} & \text { VARIOUS } \\ & \text { (TONS) } \end{aligned}$ |
|  | FACTORY－SHo <br> Fishmeal－Tro Trawlers | 129 99 113 | $\begin{aligned} & 73208 \\ & 2752 \\ & 22752 \end{aligned}$ | $\begin{aligned} & 65588 \\ & 24728 \end{aligned}$ $21839$ | $\begin{array}{r} 7620 \\ 2804 \\ 913 \end{array}$ | $\begin{aligned} & 10.4 \\ & 10.2 \\ & 400 \end{aligned}$ | $\begin{aligned} & 1106 \\ & 1103 \\ & 402 \end{aligned}$ | $\begin{array}{r} 3410 \\ 1537 \\ 579 \end{array}$ | 1519 271 168 | $\begin{array}{r} 2691 \\ 996 \\ 1666 \end{array}$ | $\begin{array}{r} 7062 \\ 2804 \end{array}$ | 92.7 100.0 0 | $\begin{array}{r}2985 \\ 1537 \\ \hline\end{array}$ | $\begin{array}{r}1491 \\ 27! \\ \hline\end{array}$ | $\begin{array}{r} 2586 \\ 996 \\ \hline \end{array}$ | 558 919 | 703 100.0 | 425 579 | 28 168 | 105 166 |
|  |  |  |  | 112155 | 11337 | 902 | 10.1 | 5526 | 1958 | 3853 | 9865 | 87.0 | 4522 | 1762 | 3582 | 1471 | 13.0 | 1004 | 196 | 271 |
| if | FACTORYOSHo Fishmenlotro Tranlers | $\begin{aligned} & 2 \\ & 0 \\ & 2 \end{aligned}$ | $\begin{aligned} & 886 \\ & 499 \end{aligned}$ | $\begin{gathered} 711 \\ 996 \end{gathered}$ | $\begin{aligned} & 175 \\ & 109 \end{aligned}$ | $\begin{gathered} 19.8 \\ 20.6 \end{gathered}$ | $\begin{aligned} & 24.6 \\ & 26.0 \end{aligned}$ | $\begin{aligned} & 25 \\ & 0 \\ & 75 \end{aligned}$ | $\begin{array}{r} 150 \\ 0 \\ 23 \end{array}$ | $\begin{aligned} & 0 \\ & 5 \\ & 5 \end{aligned}$ | 175 | $\begin{gathered} 100.0 \\ \approx \end{gathered}$ | 25 0 | 150 | 0 | 103 | $\begin{gathered} 0 \\ 10000 \end{gathered}$ | 75 | 23 | $\stackrel{\circ}{5}$ |
|  | total $\%$ OF ALL TRIPS ${ }_{5}^{4}$ |  | 1385 | 1107 | 278 | 20.1 | 25.1 | 100 | 173 | 5 | 175 | 62.9 | 25 | 150 | 0 | 103 | 37.1 | 75 | 23 | 5 |
|  | FASTORY－STH。 Fishmealotr． Trawlers | 2 3 0 | $\begin{array}{r}923 \\ 1010 \\ \hline\end{array}$ | $\begin{array}{r}733 \\ 720 \\ \hline\end{array}$ | 190 290 $=$ | 20.6 2807 $=-$ | 25.9 40.3 0 | $\begin{array}{r}50 \\ 125 \\ \hline\end{array}$ | $\begin{array}{r}135 \\ 160 \\ \hline\end{array}$ | 5 5 | $\begin{array}{r}190 \\ 230 \\ \hline\end{array}$ | $\begin{gathered} 100.0 \\ 79.3 \\ 0 \end{gathered}$ | $\begin{array}{r}50 \\ 125 \\ \hline\end{array}$ | 135 100 0 | 5 <br> 5 | 60 | 20.7 | $\because$ | 60 | $\therefore$ |
|  | $\underset{{ }_{2}}{\text { TOTAL }}$ OFLL TRIP3 62.5 |  | $1933$ | 1453 | 480 | 24.8 | 33.0 | 175 | 295 | 10 | 420 | 87.5 | 175 | 235 | 10 | 60 | 12.5 | － | 60 | － |

