



RESOLUTION 1/01

Presented by KIMO Netherlands

CFC POLLUTION FROM SHIPPING

From research in several countries, it is evident that emissions of considerable amounts of ozone depleting substances and greenhouse gases are leaking from refrigeration and freezing installations on merchant ships and fishing vessels.

The average percentage for leakage from cargo ships amounts to more than 50% and for fishing vessels the average is even more than 80% of total volumes, as compared to a leakage rate of 9% for land-based installations. In some countries such as The Netherlands, the loss considerably exceeds national policy, which has set a target of a loss of 1% per year.

Measures such as, replacing older equipment on vessels with new more efficient equipment, the enforcement of existing regulations and better design of refrigeration equipment are needed to prevent and reduce these emissions.

The ozone layer acts as a filter, reducing the damaging effects of ultraviolet radiation (UV) radiation from the sun's rays. The depletion of the ozone layer by ozone depleting coolants will result in UV rays reaching the earth's surface at a much greater concentration. This could, in turn, result in an increase in cases of severe skin diseases and blindness.

Ship owners and others underestimate this problem. Signatories to the Montreal Protocol have agreed a worldwide reduction schedule. To implement this Protocol in Europe, the European Union accepted the regulation (EG) no. 3093/94 of 15 December 1995 regarding materials that damage the ozone layer. A further accentuation of the European policy has been laid down in the Regulation 2037/2000 that became effective on 1 October 2000.

As part of the Chemical Legislation European Enforcement Network (CLEEN) there is a need for EU Member States to co operate to ensure the implementation of the EU Regulation. From this Network it appears that there are many member states that are willing to maintain the Regulation, concerning cooling installations on land, but that for the time being cooling installations on ships will only receive attention in The Netherlands and some Scandinavian countries.

KIMO

In recognition of the fact that the health and safety of habitants of coastal communities and those visiting those communities is being put at risk by the depletion of the ozone layer and recognising that there is an urgent need to protect the ozone layer

Calls on the European Commission to:

- 1) enforce Regulation 2037/2000 of the European Union and support the framework of CLEEN with regard to the emissions of CFC's and HCFC's from cargo and fishing vessels.**

And KIMO urges all European Governments and the European Commission to implement urgent measures to achieve this goal.

**This Resolution was agreed unanimously by Delegates at the 11th KIMO International Annual General Meeting in Göteborg, Sweden on October 14th 2001 and became KIMO policy upon that date.*

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