

TECHNICAL NOTE

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TRANSPORT OF LIVE FISH

The attached technical paper on fish transport is also available at:

<http://www.fao.org/docrep/009/af000e/af000e00.htm>

The paper was written by R. Berka of the Fisheries Research Institute Scientific Information Centre in Czechoslovakia in the 1980s for the European Inland Fisheries Advisory Commission of the Food and Agriculture Organization of the United Nations.

The paper evaluates basic principles of fish transport and the main factors affecting it (fish species, fish developmental stages and quality, transport time, temperature, oxygen content, fish metabolism products, etc.) from an analysis of the pertinent literature. For the two basic fish transport systems, the closed and the open ones, the transport units are described and the densities of transported fish per unit volume under actual conditions are tabulated for guidance. The survey is complemented by the description of the existing methods for the chemical treatment of the environment inside the transport systems and for the treatment of the fish transported, such as fish anaesthetics, chemical water conditioning and antibacterial treatment.

Reference: Berka, R., 1986. The transport of live fish. A review. EIFAC Tech.Pap., (48):52 p.