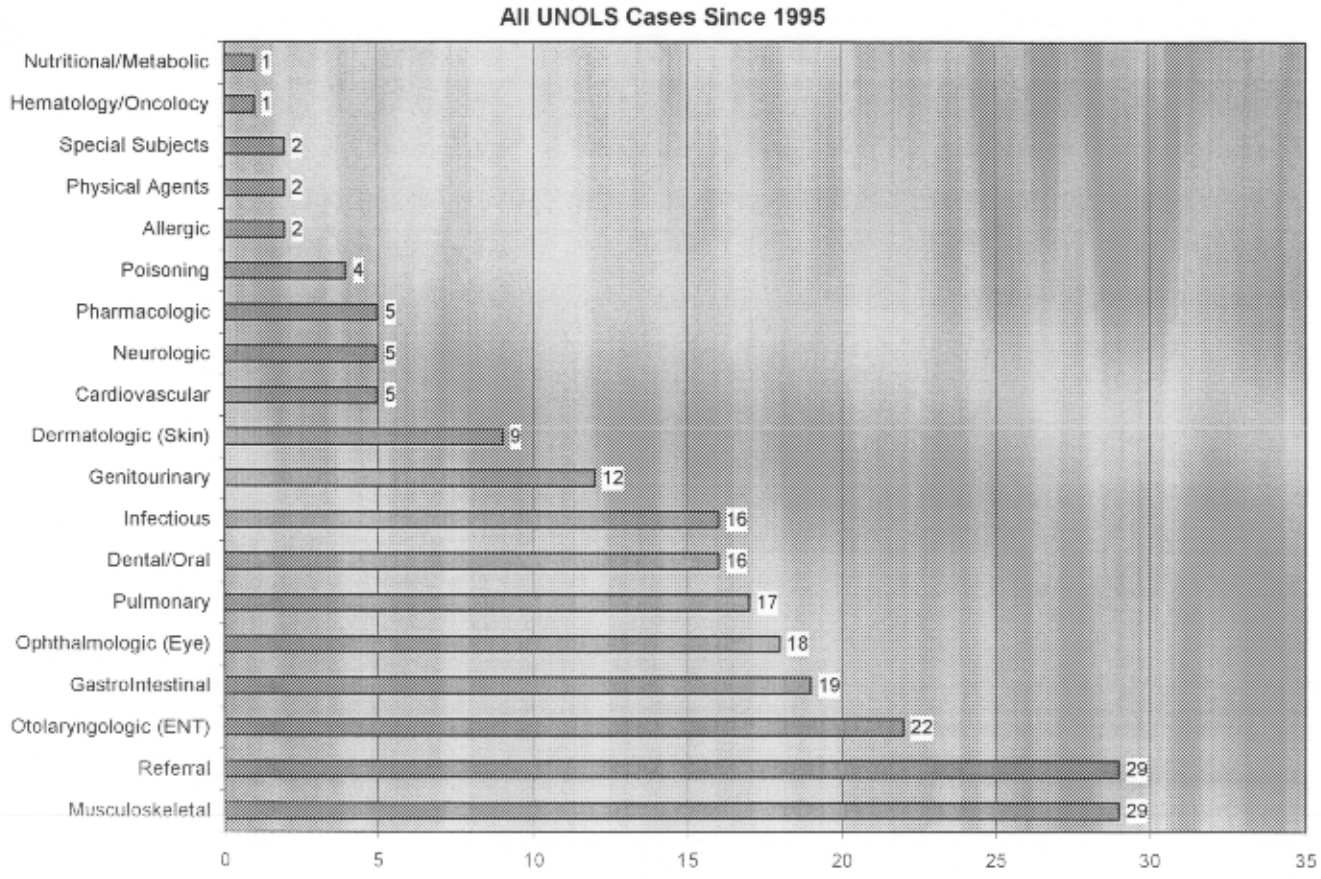
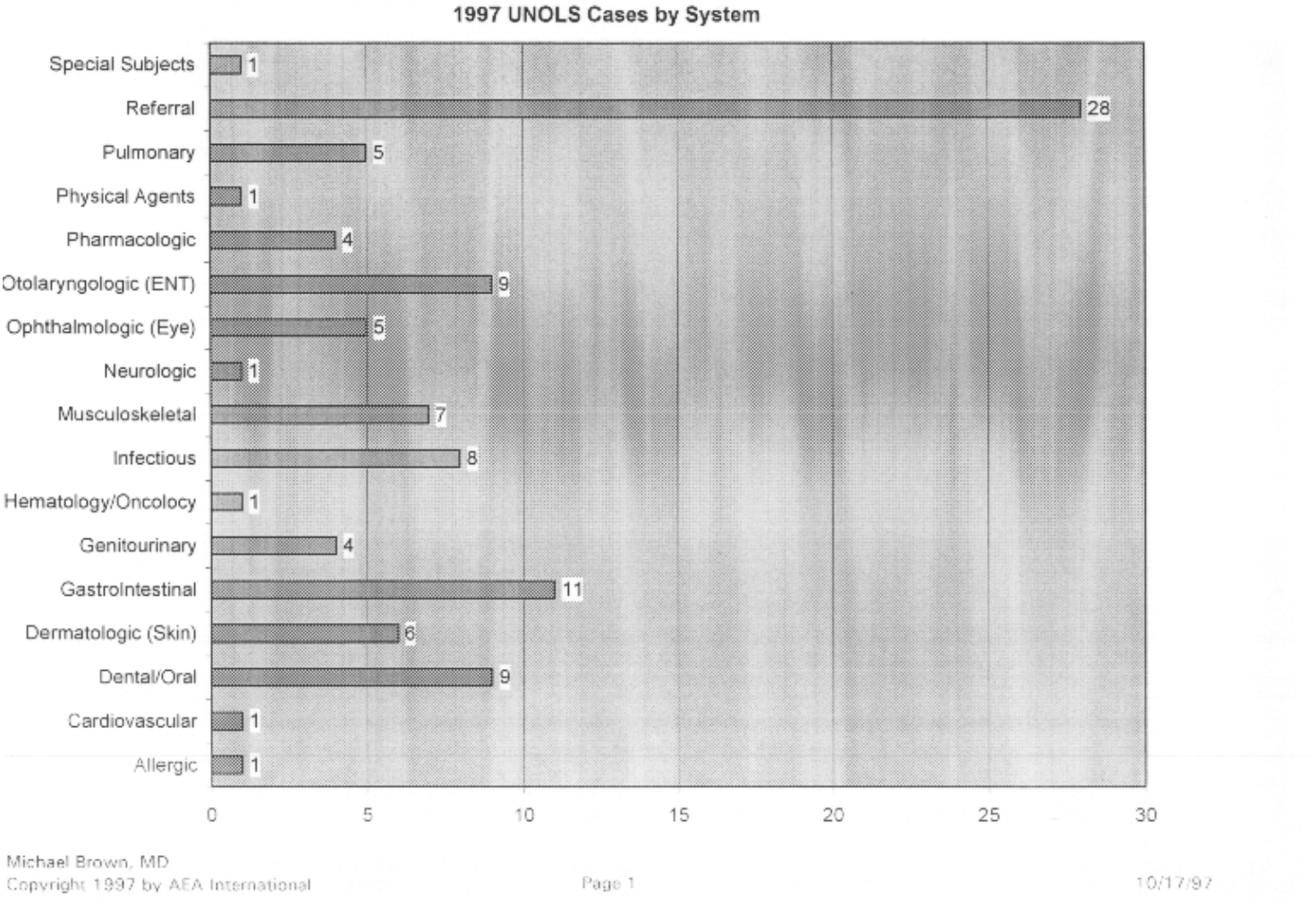
met as a group to discuss common problems and ll groups seemed to feel that regularly scheduled meetings would be beneficial.

- What seemed to follow the preceding recommendations was the need for a more formal organization. As a result of these work groups a more comprehensive list of recommendations for coordination and managment of science vessels on the Great Lakes has been developed.

Paul Ljunggren

Appendix XI





Appendix XII

SeaNet receives National Oceanographic Partnership Program support

by Ellen Kappel
(Joint Oceanographic Institutions)
and Andrew Maffei
(Woods Hole Oceanographic Institution)

Abstract

The SeaNet partners* are pleased to announce that the 1997 National Oceanographic Partnership Program of the Office of Naval Research recommended for funding the proposal, "SeaNet: Extending the Internet to the Oceanographic Fleet," in amount of $1.478M. This funding will provide over two years, and will enable the SeaNet partners to create the shore-based and shipboard infrastructure capable of supporting both a high speed (e.g., INMARSAT-B HSD at 64 kbaud) and low speed (e.g., cellular or PCS modem at 4800 baud) access to the Internet from ships at sea. This infrastructure includes building a shore-based operations center; providing updated satellite and cellular communications for a number of UNOLS vessels; developing shipboard communications servers designed specifically for the support of shipboard science and technical support applications; and supporting the integration of emerging (less expensive)