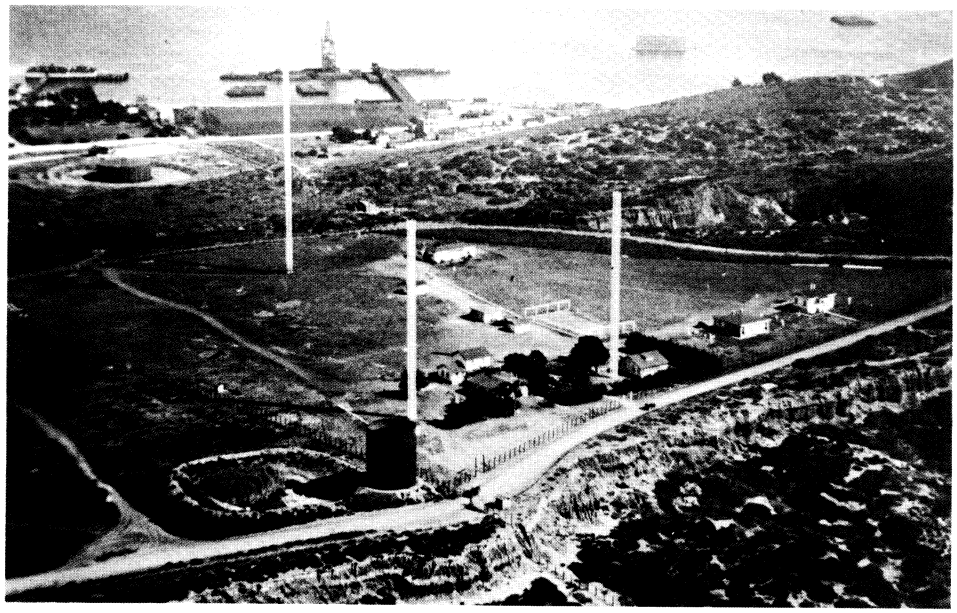
Naval Ocean Systems Center
San Diego, CA 92152-5000

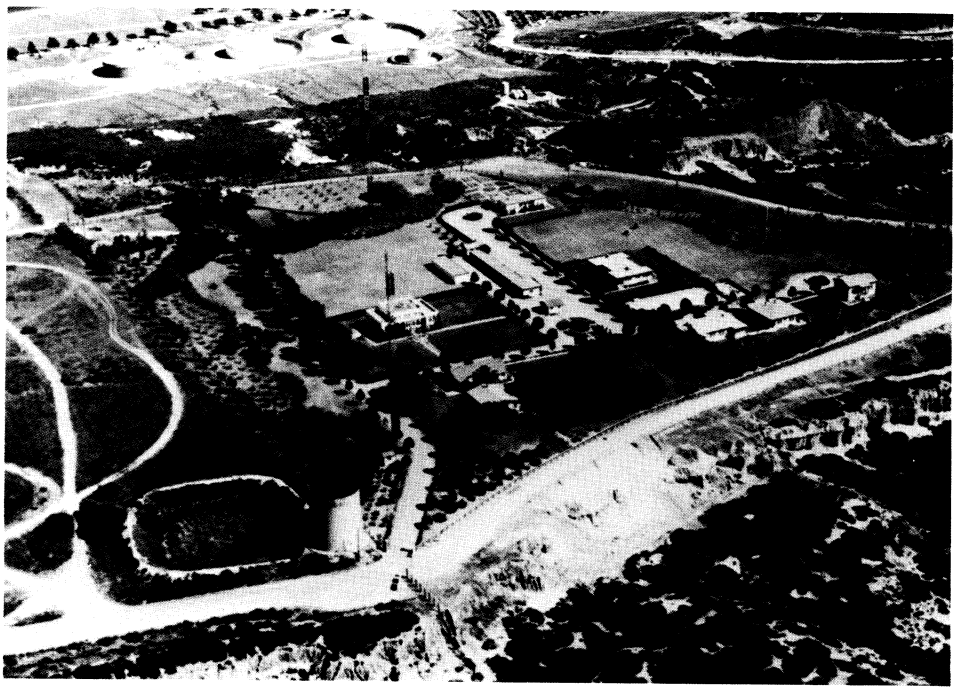
NOSC

# FIFTY YEARS OF RESEARCH AND DEVELOPMENT ON POINT LOMA

**1940-1990**



*Navy Radio Station, Point Loma, 1924. View to southeast. Station in center.*



*Navy Radio Station, Point Loma, 1934. View to southeast.*

**Acknowledgment**

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# Foreword

This brief history marks the 50th anniversary of the Naval Ocean Systems Center (NOSC) and its predecessor organizations. Its purpose is to recognize and highlight 50 years of contribution by NOSC's people to our fighting forces, afloat and ashore, our Navy, and our country.

NOSC has grown from a small applied research laboratory to a full-scale Research and Development Center with advanced and sophisticated laboratory and test facilities. But the real fabric of the Center has been its talented and dedicated people, today numbering more than 3000, over half of whom are scientists and engineers.

There is no better recognition of our people than to highlight some of their accomplishments. Many systems that the Navy now depends upon have their foundations at NOSC: almost all Navy communications systems—including virtually all of the satellite communications systems; command and control systems ashore and afloat; all lightweight torpedoes, their fire control systems, and stand-off delivery systems; most of the Navy's operational undersea, unmanned vehicles; and virtually all of the Navy's undersea surveillance systems. The Center has also continually introduced advanced technology into the Fleet, including advanced electronics—especially microelectronics, acoustics, radar applications, signal and image processing, and computer science.

This history highlights these and other accomplishments. It shows the evolution of research and development at the Center and recognizes and emphasizes the quality of the people who have made it all work. In a brief history, it is not possible to give all projects and people their due. Specific programs highlighted are meant to be typical of the accomplishments for the times indicated.

As we approach the 21st century, NOSC continues to have dedicated and talented people. For 50 years, this Center has contributed to our Navy. Given the excellent people we have today, both technical and support, that level of contribution will continue through the next 50 years and beyond.

Robert M. Hillyer
Technical Director
Naval Ocean Systems Center

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