



OCEANS IN SPACE



OCEANS IN SPACE CREATED BY LOCH NESS PRODUCTIONS
NARRATED BY AVERY BROOKS WRITTEN BY CAROLYN COLLINS PETERSEN PRODUCED BY MARK C. PETERSEN MUSIC BY GEODESIUM
ARTWORK TIM W. KUZNIAR MICHAEL W. CARROLL ANIMATION JASON B. TALLEY EXECUTIVE PRODUCER ROBIN SYMONDS POSTER DESIGN DOME3D
ORIGINALLY COMMISSIONED FOR THE SEYMOUR PLANETARIUM BY THE SPRINGFIELD LIBRARY & MUSEUMS ASSOCIATION SPRINGFIELD MASSACHUSETTS USA





Oceans In Space

The search for life in the universe begins deep in Earth's oceans — and extends out to the stars!

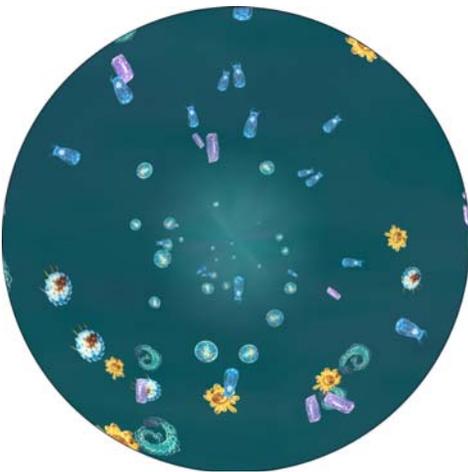
Narrated by Avery Brooks



Oceans in Space answers the deep questions humans have about where life began and where it might exist elsewhere in the cosmos. It's a thought-provoking exploration of our own planet and the worlds around other stars in the search for life.

Two of the most profound questions humans can ask are "Where do we come from?" and "Are we alone?" It is only natural that we look across the gulfs of space to search for other inhabited worlds.

Oceans In Space is a journey of exploration that seeks out places where conditions are favorable for life to exist. This original and thought-provoking presentation highlights the search for extrasolar planets and an understanding of the conditions necessary to form and sustain life. Inspired in part by the goals of NASA's Origins Program — an effort to answer the enduring questions that spur space exploration — this program introduces audiences to the diversity of life on our home planet even as humans embark on the search for life in the universe.

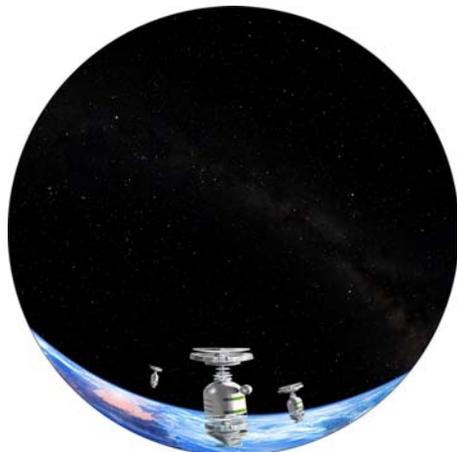


The story begins on Earth — on the shoreline of a tropical lagoon. The show travels back in time more than five billion years, to trace the origin and evolution of the solar system from a cloud of gas and dust. It then describes the formation of our planet's oceans, and speculates about the places where life could have begun nearly four billion years ago. It presents the three requirements for the nourishment of life on Earth — and most likely anywhere else in the universe: warmth, water, and organic material.

Today life on Earth flourishes in environments ranging from benign to downright alien, and the show examines the variety of life forms that populate our planet: from the creatures of the land to organisms that exist in the extreme conditions around volcanic vents on the ocean floors.

The possibility that life might exist in similar extreme environments elsewhere in the solar system prompts an exploration of two other worlds where the requirements for life might be met: Mars and the icy Jovian moon Europa.

The search for other life-bearing planets moves to starbirth nurseries in the Orion Nebula, and explains one technique today's scientists use to look for extrasolar planets. A science fiction-style ending portrays spaceship crews exploring the shores of an alien ocean far from Earth, in a scene taken from humanity's distant future.



Running time: **30:00** Year of production: **2005**, classic **1996**
 Suitable for: **General public**
 Educational content: **Astronomy — Solar system, Earth, Mars, comparative planetology, Europa, exoplanet detection.**

MOVIE SIZE	RESOLUTION	20-YEAR LICENSE	PRODUCT CODE
SMALL/MEDIUM	single channel, smaller than 2000 pixels	\$2,395	OIS-FS
LARGE/X-LARGE	single channel, larger than 2000 pixels	\$3,795	OIS-FL
SLICED	multiple channels, pre-sliced	\$4,995	OIS-FG

PRICES INCLUDE encoding/formatting and slicing for most full-dome systems.

Public performance of this show requires the signing of a License Agreement.

Watch TRAILERS and FULL-LENGTH PREVIEWS on our Web site!



LOCH NESS PRODUCTIONS P. O. BOX 924 NEDERLAND, COLORADO 80466 USA

Phone: **+1 303 642 7250** Toll-free: **1-888-4-NESSIE**

Email: **info@lochnessproductions.com** Website: **www.lochnessproductions.com**

Revised 25 March 2023