



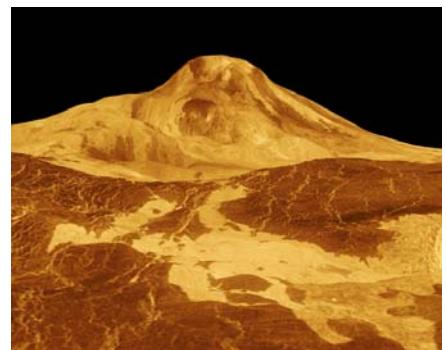
Explore Venus — Earth's mysterious next-door neighbor in space!

Running time: 29:00
Grade level: 4-12 and
general public audiences

MAGELLAN: Report from Venus recaps the accomplishments of this radar-mapping mission and takes audiences on a tour of Earth's "sister planet."



Because Venus's clouds keep us from seeing the surface directly, scientists used radar imaging techniques to map the planet's broken and jumbled terrain.



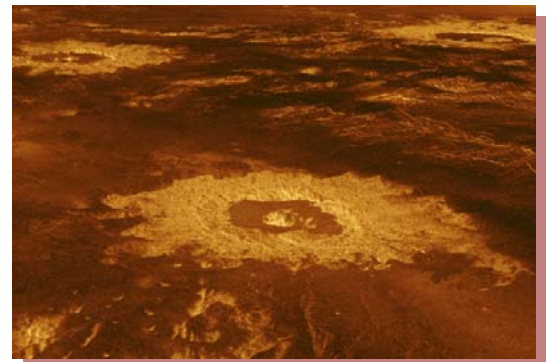
We follow Magellan's progress from its launch through the most significant discoveries. Included are spectacular images of Venus volcanoes, showing the wide variety of forms that volcanic action takes on this desolate world. Impact craters caused by incoming space debris are scattered across the Venerian surface. Landslides also carve the terrain of Venus, proving that tectonism helps to shape the planet's surface. These three processes are familiar to us

here on Earth; finding them at work on Venus allows opportunities to compare Venus with our home planet.



The Magellan mission to Venus was one of the most successful missions ever sent to explore this world. The spacecraft returned more data than all the previous NASA planetary missions combined.

Along with its sister planetary shows **The Voyager Encounters** and **MarsQuest**, **Magellan: Report from Venus** is an excellent way to present the wonders of the solar system to audiences.



Written by Carolyn Collins Petersen
Produced by Mark C. Petersen
Narrated by Roger Thompson
Original artwork by Tim W. Kuzniar





Science Education Content

The educational focus of *Magellan: Report From Venus* is to present the mapping and exploration of the planet Venus by the Magellan spacecraft, while emphasizing the understanding of processes that shape the planet via a set of multidisciplinary themes woven throughout the program. These ideas help relate the information presented in the show to the lives of students, families, and the general public.

Show content is relevant in the following subject areas:

Earth and Space Sciences:

- Objects in the sky: Venus
- Venus surface geology: volcanism, cratering, tectonism, atmospheric characteristics
- Venus rotation period, orbit
- Comparative planetology of Earth and Venus
- Appearance from Earth

Physical Science:

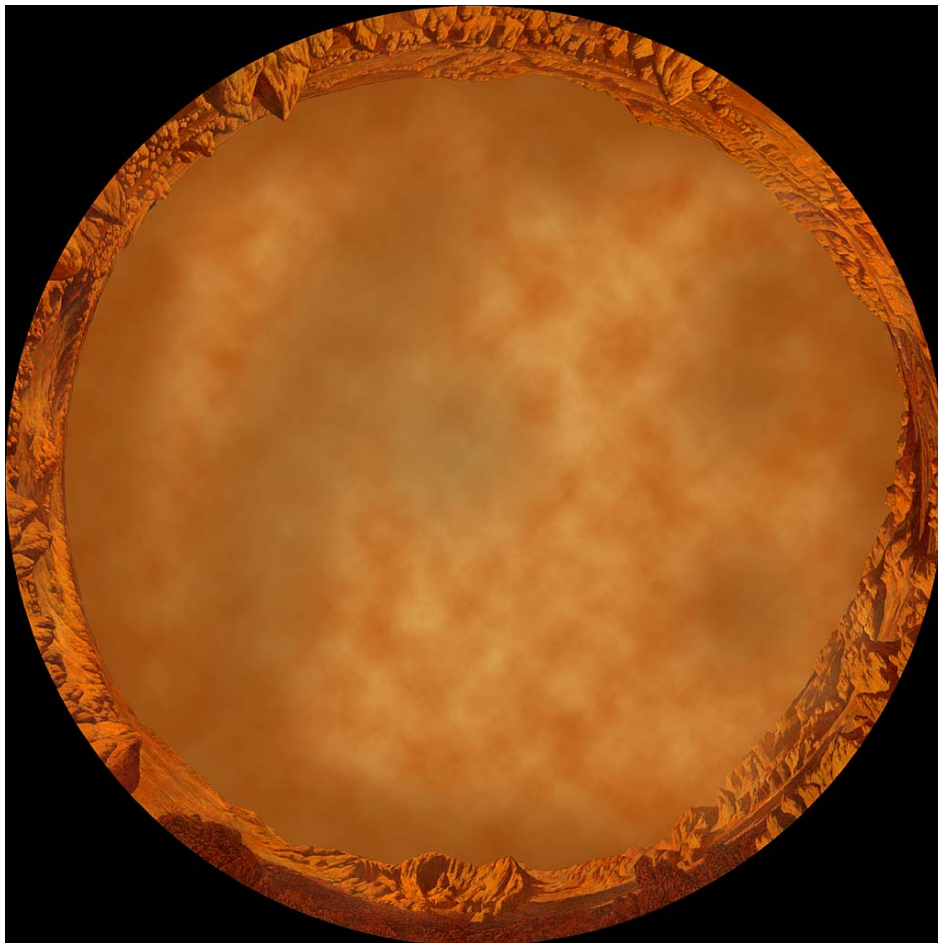
- The electromagnetic spectrum: radar

History of Science/Science Inquiry:

- History of Venus exploration
- Use of radar mapping tools for planetary exploration

This show adheres to principles put forth in the National Academy of Sciences' Education Standards published in 1996. For more details, visit the NAS Standards Web site at: <http://books.nap.edu/html/nses/html/index.html>.

The cloud-shrouded surface of Venus ...

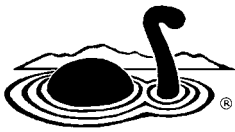


... just one of the ~54,000 dome master frames in this show.



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FULLDOME SHOW PRICING

We make Loch Ness Productions shows available in the sizes required by the various projector systems they will run on. For pricing purposes, there are four general size categories, **SMALL, MEDIUM, LARGE, and X-LARGE**. Contact us for recommendations to help determine which size is right for you.

Each show includes a performance license, which basically provides you with the permission you need to present the show to the public. The license period is 50 years — for all practical purposes, unlimited time. You can read the details on our Web site, so you'll know in advance what the license terms are.

Show Title (Product Code ###)	Product Code	MOVIE SIZE	For systems projecting circles that are:	Price
HUBBLE Vision 2 (HV2) Larry Cat In Space (LCS) MAGELLAN: Report From Venus (MRV)	###-FS	SMALL	smaller than 1300 pixels	\$1595
	###-FM	MEDIUM	1300 to 2000 pixels (or prewarped)	\$2195
	###-FL	LARGE	larger than 2000 pixels	\$3095
	###-FX	X-LARGE	sliced* for multiple projectors	\$4095
Season of Light (SOL)	###-FS	SMALL	smaller than 1300 pixels	\$1895
	###-FM	MEDIUM	1300 to 2000 pixels (or prewarped)	\$2495
	###-FL	LARGE	larger than 2000 pixels	\$3395
	###-FX	X-LARGE	sliced* for multiple projectors	\$4395
Light Years From Andromeda (LYA) MarsQuest (MQ) Oceans In Space (OIS) Seasonal STARGAZING (SSG) Sky Quest (SQ) The Cowboy Astronomer (TCA) The Voyager Encounters (TVE)	###-FS	SMALL	smaller than 1300 pixels	\$1995
	###-FM	MEDIUM	1300 to 2000 pixels (or prewarped)	\$2595
	###-FL	LARGE	larger than 2000 pixels	\$3495
	###-FX	X-LARGE	sliced* for multiple projectors	\$4495

***About slicing:** Multi-projector edge-blended systems require pre-slicing of a show's images into the individual channels needed for each projector. We can slice for most standard configurations. But some theaters may have non-standard configurations, or require the use of proprietary software to slice. In those cases, we'll need to contract with your system provider for some custom encoding. Contact us about costs.

Multiple Copies of Movies...

Ordinarily, the shows we distribute are licensed for installation on a single playback system and/or site. But maybe you need multiple copies of your movies because your institution operates two or more fulldome systems. Or let's say you already have large and sliced video movie files, and then get an additional portable fulldome system and need smaller movies to run on it. For these situations, you'll need to contact us about extending the license from the first show to cover additional installations. Then, buy the appropriate number and size of Additional Movie Files you need, at the discounted prices we offer in the table to the right.

ADDITIONAL MOVIE FILES			
Product Code	MOVIE SIZE	For systems projecting circles:	Price
VMA-S	SMALL	smaller than 1300 pixels	\$1000
VMA-M	MEDIUM	1300 to 2000 pixels (or prewarped)	\$1600
VMA-L	LARGE	larger than 2000 pixels	\$2500
VMA-X	X-LARGE	sliced for multiple projectors	\$3500

Projector/Movie Upgrades...

Let's say you already have our fulldome movies at a small size, but then choose to upgrade to a higher resolution projector system and need to get new, larger movies. You retire your lower-resolution system and no longer run the movies installed on it. For this situation, you'll need to contact us about transferring the license you received with your first show to cover your new installation. Then, simply buy the appropriate size video you need, at the discounted prices we offer in the Video Movie Upgrades table.

VIDEO MOVIE UPGRADES			
Product Code	MOVIE SIZE	For systems projecting circles:	Price
VMU-S	SMALL	smaller than 1300 pixels	\$500
VMU-M	MEDIUM	1300 to 2000 pixels (or prewarped)	\$800
VMU-L	LARGE	larger than 2000 pixels	\$1250
VMU-X	X-LARGE	sliced for multiple projectors	\$1750

The details...

Our fulldome shows are made in fisheye circle form, and ship as ready-to-play *movies*, with audio and video files encoded/sliced/prewarped in formats and resolutions compatible with today's projector systems. **We do not ship dome masters.** We record the files onto data DVDs, USB Flash or external drives.

What we send...

In addition to the show, we also provide the show's fulldome "trailer"; still images that can be used for advertising and promotion; the license agreement, and a reference book in PDF form, containing the show script, production notes, resources, acknowledgements, and additional information.

Installation...

While it may be possible to play videos directly from our distribution media, we expect you'll copy the files onto your fulldome system for optimum performance. We provide pre-written play scripts for some systems; others will simply edit button scripts or enter the necessary system commands to load and play the movies.