

Success in Reaching the Unreachable Star 🌟

When I hear the classic musical “[Man of La Mancha](#)” and its song, the “[Impossible Dream](#),” two of the lines catch my attention: “To dream the impossible dream...to reach the unreachable star!” Success in reaching an unreachable star will occur thanks to [NASA](#) spacecraft: OSIRIS-Rex, [Voyager 1 and 2](#), [Pioneer 10 and 11](#), and [New Horizons](#).

On September 8th, my wife and I witnessed the [NASA launch](#) at Cape Canaveral Florida of an unmanned spacecraft, the [OSIRIS-REx](#)*. It was exciting for us to hear the loud roar of its huge rockets, to feel the shaking ground, to sense the billowing exhausts, and to [experience](#) its fiery lift-off into the sky!



The spacecraft’s [primary mission](#) is to meet an asteroid named [Bennu](#) millions of miles from here, to orbit it, to analyze it, to photograph it, and finally to gently touch it to scoop-up a sample from its surface. Then, in 2023 [this spacecraft](#) will return to the edge of Earth’s atmosphere to [jettison the sample towards its safe landing and retrieval](#) in the USA.

Our scientists will study the sample of the ancient asteroid’s rocks down to the level of its atoms. The results of their tests may help explain the [origins of the universe](#) and earth since the “Big Bang” occurred.

Moreover, they will determine the asteroid’s composition and density. Armed with all that information they will be able to send another spacecraft later to remove this huge orbiting asteroid from its [catastrophic collision course](#) with Earth currently calculated to occur in 2182. This asteroid [narrowly missed us in 2013](#) passing closely above Earth. Its globe shape is about a third of a mile in diameter and could be observed reflecting our sun’s light as it closely sped by us.

After delivering its sample from the asteroid, the OSIRIS-REx spacecraft will execute the final part of its mission as a [Time Capsule to orbit our solar star, the sun, for millennia](#).

NASA placed onto the spacecraft a memory chip containing messages and artwork submitted by thousands of people, young and old, from every part of our planet Earth! Its digital memory contains short greetings, photos, videos, [artwork](#), music, poetry, and prose regarding our culture and life – all created by common people like you and me!

In hundreds or thousands of years from now this spacecraft will be discovered circling our star, the sun, and investigated by future generations. Its Time Capsule will yield for them a plethora of [digital information about our era and culture](#).

NASA uploaded everyone’s artwork to this spacecraft on May 4th including my entry which contained:

- [Creative photos of space from Earth](#) that I had chosen to illustrate the exploration and appreciation of the wonderful universe created for our pleasure and use. They displayed varying proportions of God’s Nature and humankind’s work.
- My eBook Christmas story: “[A Baby Changes Our World](#)” presented in seven languages - English, Spanish, Italian, Polish, Portuguese, German, and Chinese. These languages are spoken, read, or written by over 30% of the population of Earth. The seven computer-generated translations could serve as a “Rosetta Stone” in some future millennia when the spacecraft is discovered by succeeding generations or visitors to our solar system.
- This Christmas story is based upon the [Bible’s description of the nativity, life, and resurrection of Jesus Christ](#) which occurred over 2,000 years ago—a belief held by over 2.2 billion of Earth’s current human population. It also discusses what may have

been viewed as the mysterious [Star of Bethlehem](#).

- My article, "[Brief Introduction to 7-Dimensional eCommunication Concepts](#)." These concepts were used in writing the story; they also identified the basic communication characteristics of humans.
- A [Blessing for NASA](#) and for the success of this mission.

[I thank God](#) for this chance to contribute even a small part to space exploration. I am grateful to

Mary, my wife, and everyone who helped with their encouragement and editing.

Reaching the stars seemed to be an impossible dream for [my grandparents in the 1880's when they immigrated](#) to this land of freedom and opportunity, the United States of America. Today, we are able to send our artwork and eBooks to the stars via spacecraft and Time Capsules. The impossible dream has been made possible—[we can reach](#) what had been the unreachable stars.

→ REFERENCE LINKS

* OSIRIS-Rex: *Origins, Spectral Interpretation, Resource Identification, Security-Regolith Explorer*.

Wikipedia information about OSIRIS-Rex* and *Bennu*: <https://en.wikipedia.org/wiki/OSIRIS-REx>

Author's site containing artwork sent to NASA: eBook, blessing, 7-d Concepts and creative photos: <http://www.kenkozy.com/Pages/eBookOSIRISREx.aspx> Contact: KenKozy@KenKozy.com

→ VIDEO TOUR LINKS

[Voyager 1](#) and [Voyager 2](#) spacecraft, launched in 1977, entered [interstellar space](#) and are over 12 billion miles from Earth. They are headed to stars outside of our solar system and as Time Capsules carry pictures and sounds of Earth. Click: [pictures and sounds/music](#) of the planets they passed. Also click: <http://voyager.jpl.nasa.gov/> https://en.wikipedia.org/wiki/Voyager_program

Other spacecraft headed towards interstellar space: [Pioneer 10](#), [Pioneer 11](#), and [New Horizons](#). [List](#).

NASA provides outstanding videos of their OSIRIS-REx mission and timeline: <http://www.nasa.gov/> <http://www.asteroidmission.org/mission/> <https://twitter.com/OSIRISREx> [facebook.com/OSIRISREx](https://www.facebook.com/OSIRISREx)

→ MUSIC LINK

The "*Impossible Dream*" with lyrics, Susan Boyle: <https://www.youtube.com/watch?v=JxtDmmmJKJg>

From OSIRIS-REx Team: "Congratulations and thank you to everyone who participated in the [#WeTheExplorers campaign!](#) We received more than 7,000 submissions of artwork and music and they were all included on the chip that will be attached to the OSIRIS-REx spacecraft. It was wonderful to see everyone tap into their creativity to express what exploration means to them.... The spacecraft will be mated to its Atlas V 411 rocket and readied for our *Sept. 8th launch*."



* All graphics are courtesy of NASA