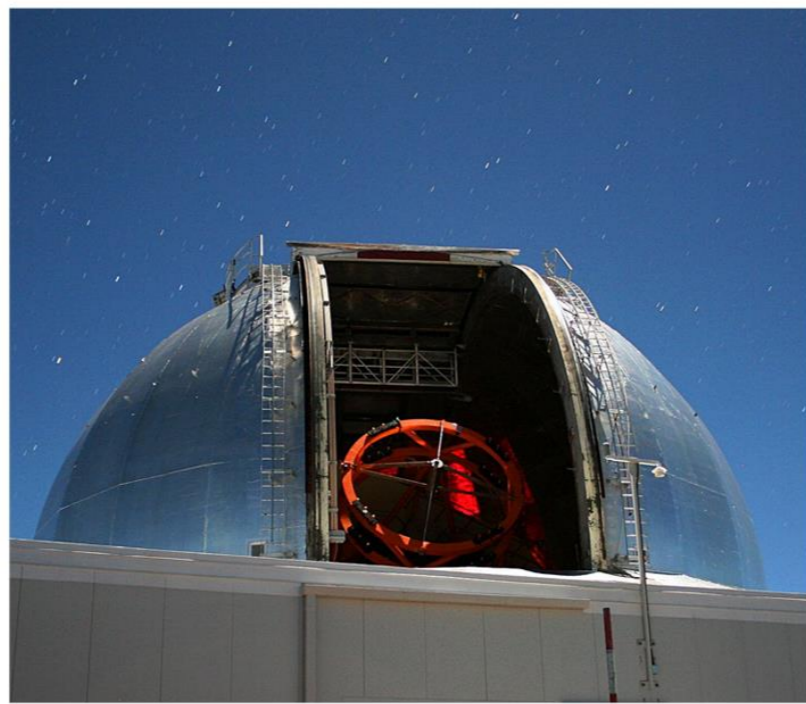
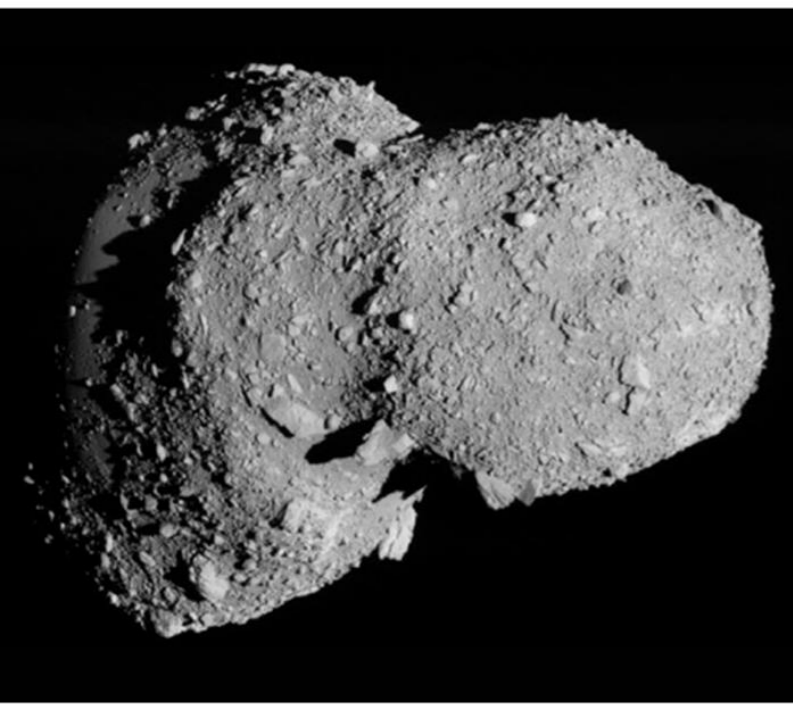


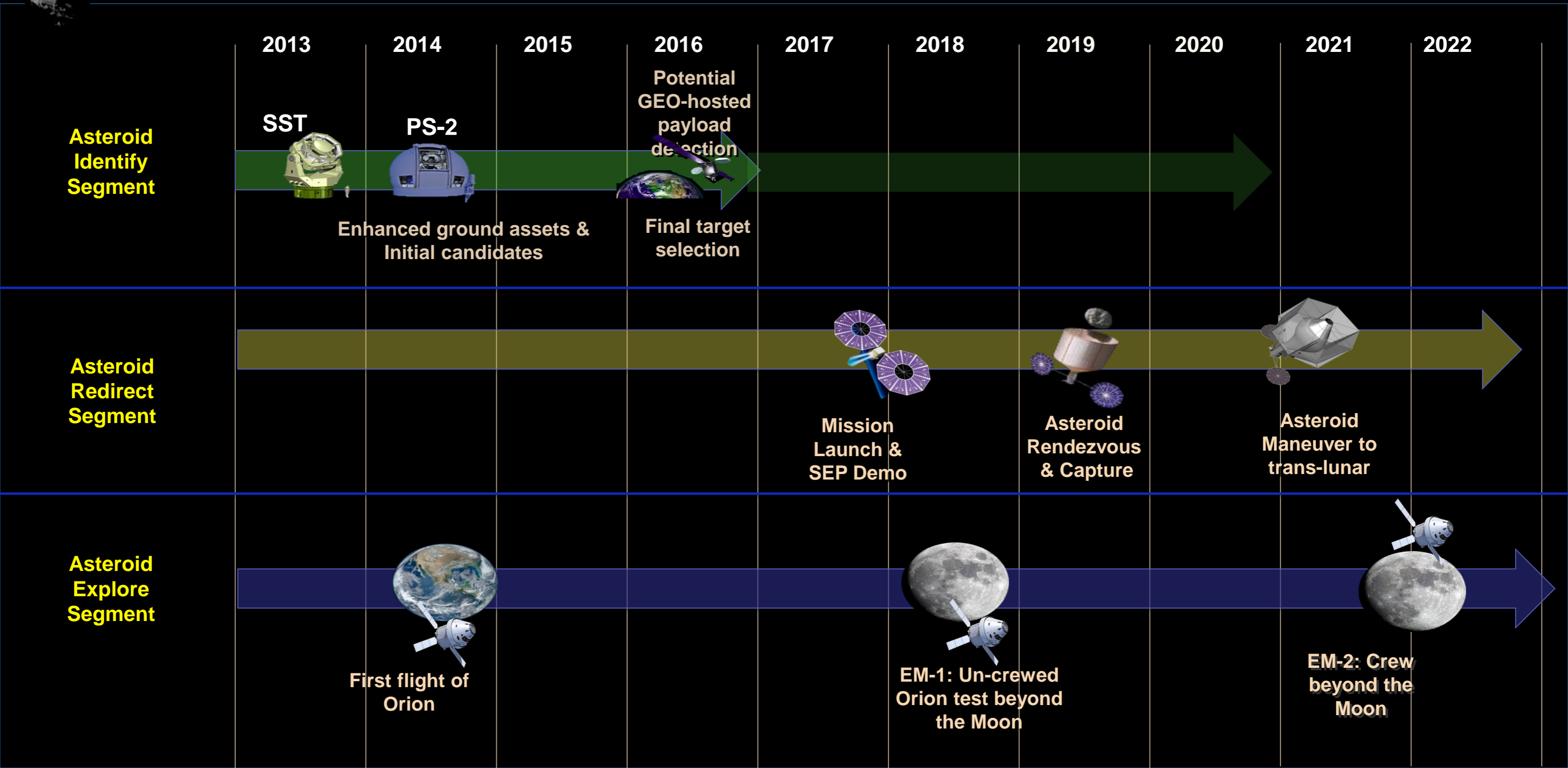
# Asteroid Redirect Mission Overview

Robert M. Lightfoot  
NASA Associate Administrator





# Alignment Strategy



# Overall Mission Consists of Three Main Segments

Identify



## **Asteroid Identification Segment:**

Ground and space based  
NEA target detection,  
characterization  
and selection

Redirect



## **Asteroid Redirection Segment:**

Solar electric propulsion  
(SEP) based robotic  
asteroid redirect to  
trans-lunar space

Explore



## **Asteroid Crewed Exploration Segment:**

Orion and SLS based  
crewed rendezvous and  
sampling mission to the  
relocated asteroid