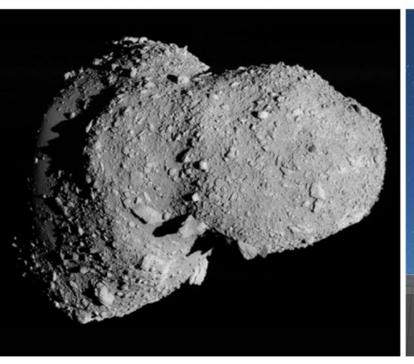
Asteroid Redirect Mission Overview

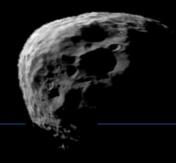
Robert M. Lightfoot NASA Associate Administrator











Alignment Strategy

100										
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
				Potential						
	SST	PS-2		GEO-hosted payload						
Asteroid Identify				delection						
Segment										
	En	hanaad araun	/ 	Final target						
	En	hanced ground Initial candid		selection						
Asteroid Redirect Segment							- The state of the			
					Missio		Asteroid		Asteroid	
					Launch		Rendezvous		Maneuver to	
					SEP Den	no	& Capture		trans-lunar	
									`	
					and the					Car.
Asteroid Explore										
Segment										
		The Following Street				Contract of the second			514.0.0	
	F	irst flight of				n-crewed			EM-2: Crev beyond the	V e
		Orion				t beyond Moon			Moon	
					the i	NOON				

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