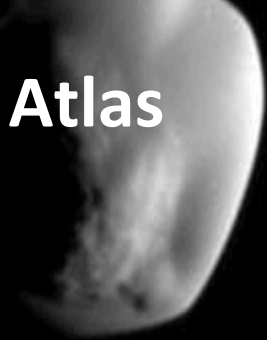
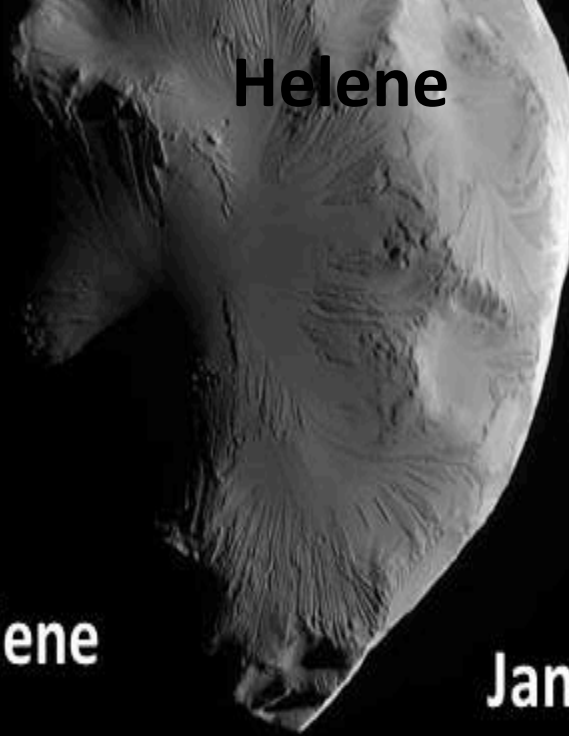


**Atlas**



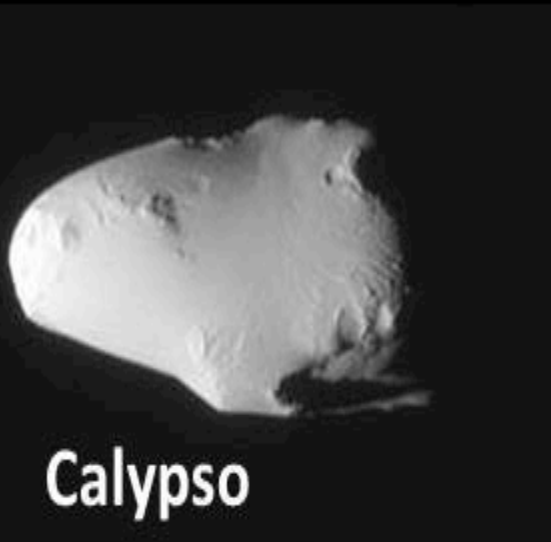
**Helene**



**Methone**



**Atlas**



**Helene**

**Janus**

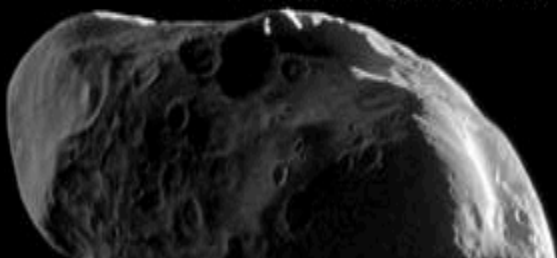


**Calypso**

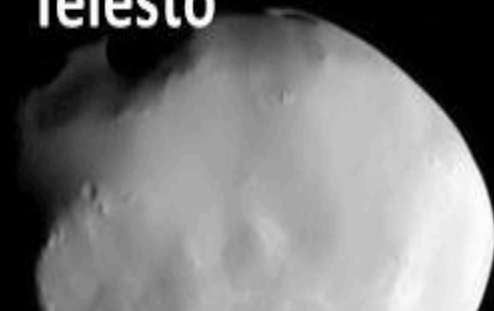
**Epimetheus**



**Prometheus**



**Telesto**



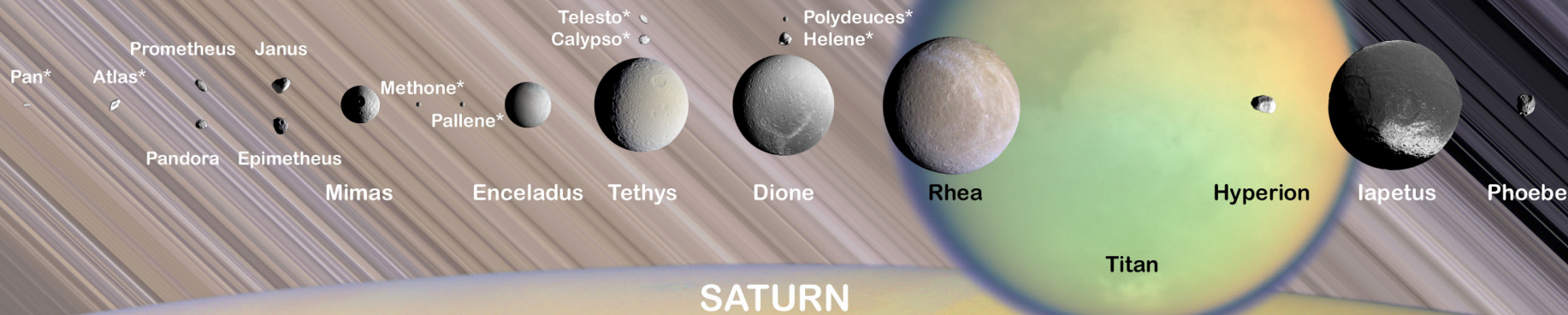
AtlasHeleneMethone

# Five Fabulous Flybys (Best ever!)

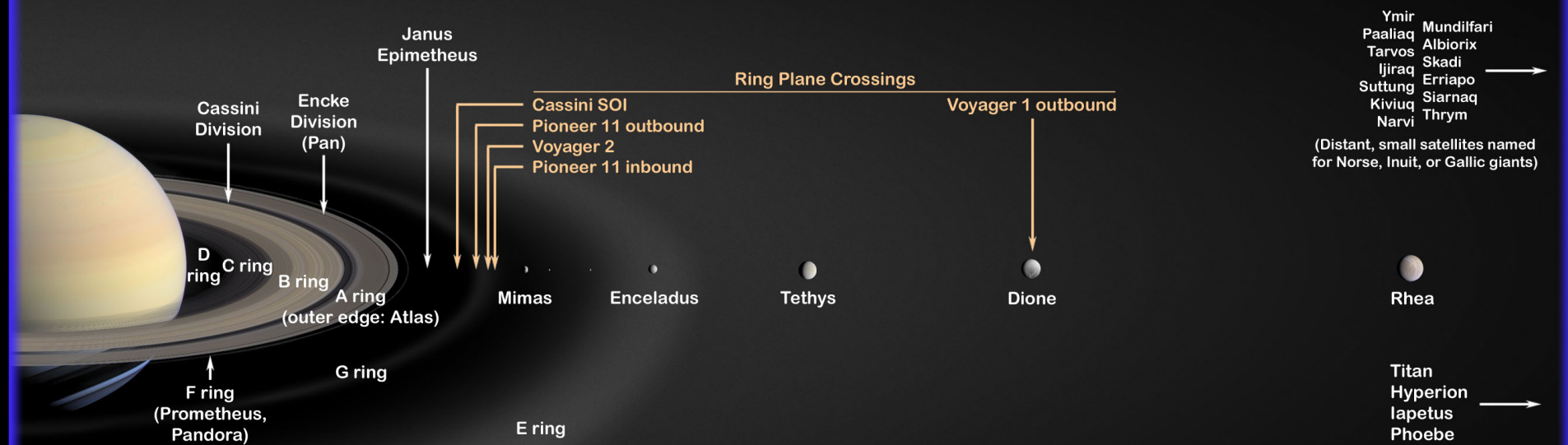
Object	Date	Closest approach (km)
Pandora	18 Dec 2016	20,000; closest by almost a factor of 3
Daphnis	16 Jan 2017	17,600; closest by over an order of magnitude
Epimetheus	30 Jan 2017	5900; closest by factor of 6
Pan	7 March 2017	25,350; closest by a factor of 2
Atlas	12 April 2017	13,170; Closest by factor of 2

CalypsoPrometheusTelesto

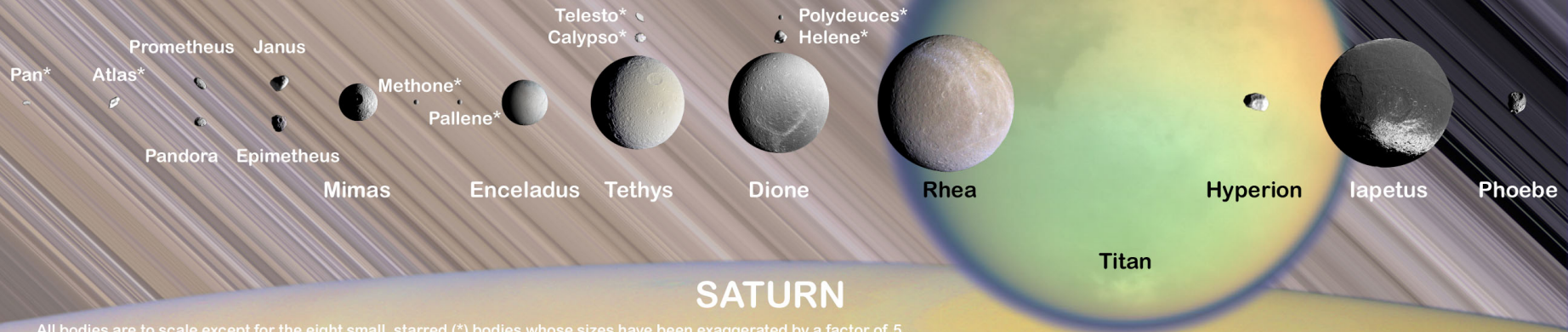
# THE SATURNIAN SYSTEM



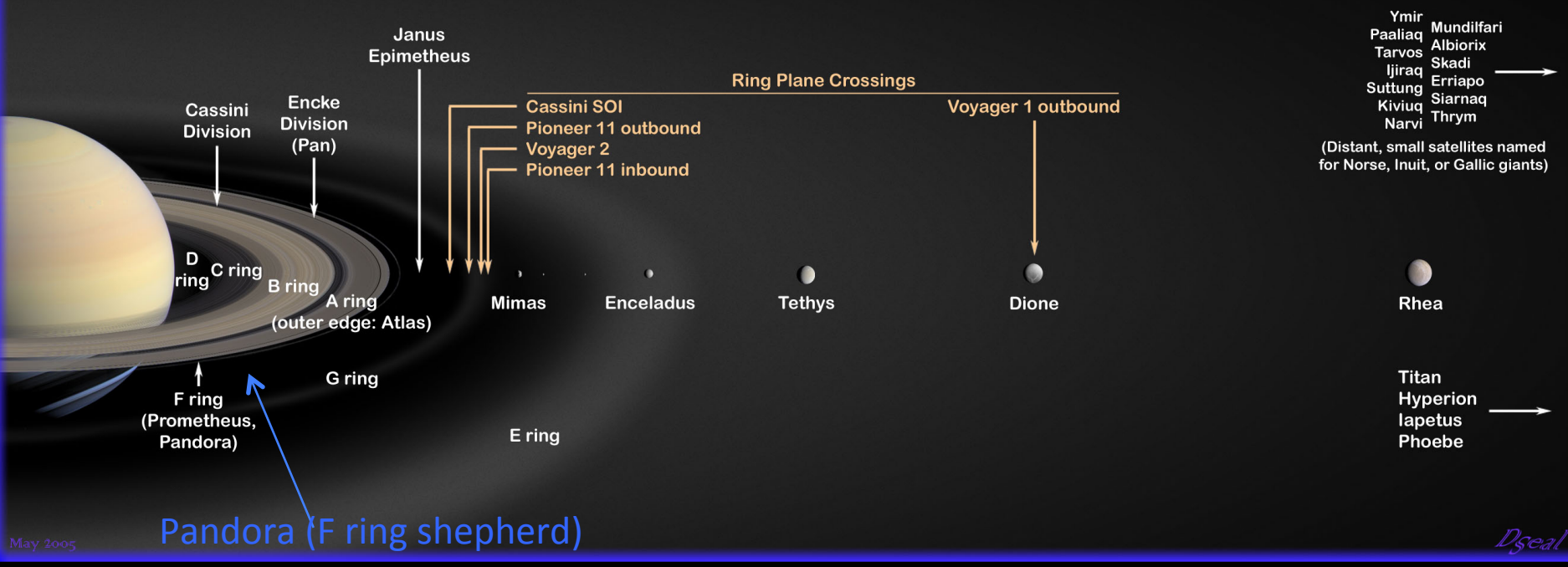
All bodies are to scale except for the eight small, starred (\*) bodies whose sizes have been exaggerated by a factor of 5.



# THE SATURNIAN SYSTEM

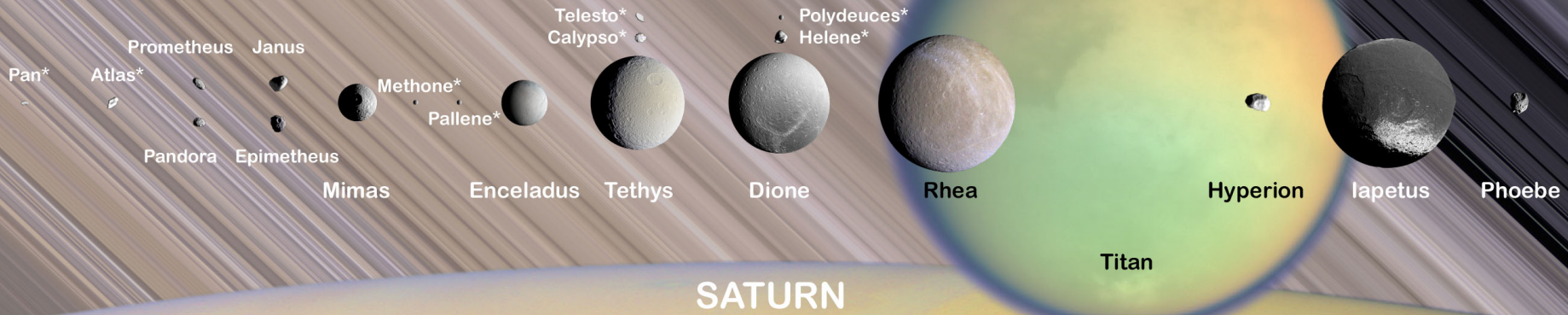


All bodies are to scale except for the eight small, starred (\*) bodies whose sizes have been exaggerated by a factor of 5.

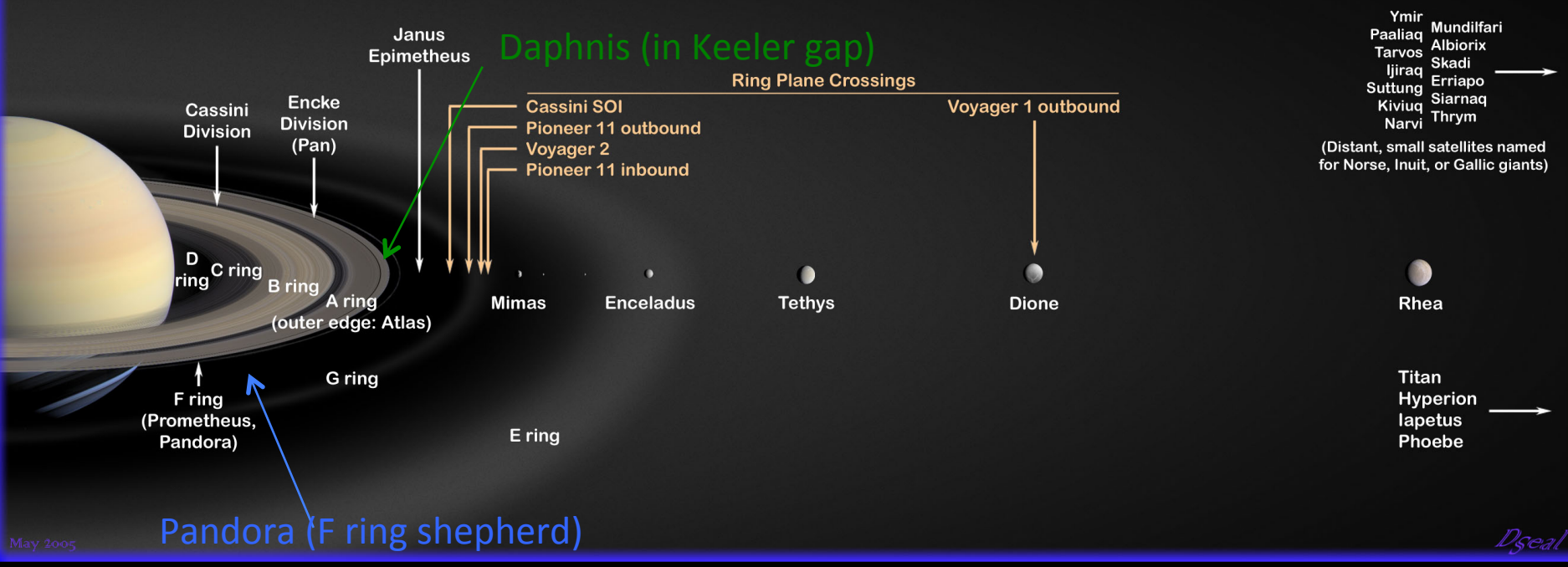


Pandora (F ring shepherd)

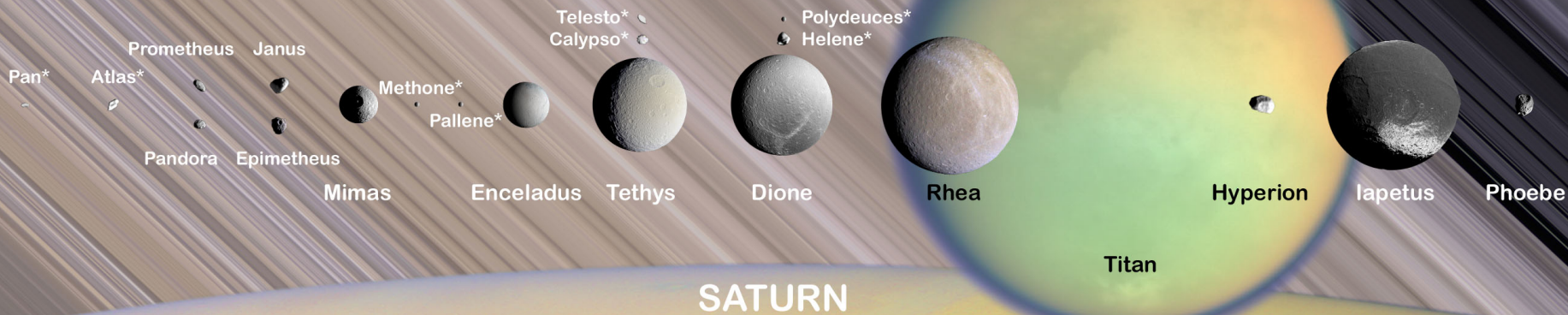
# THE SATURNIAN SYSTEM



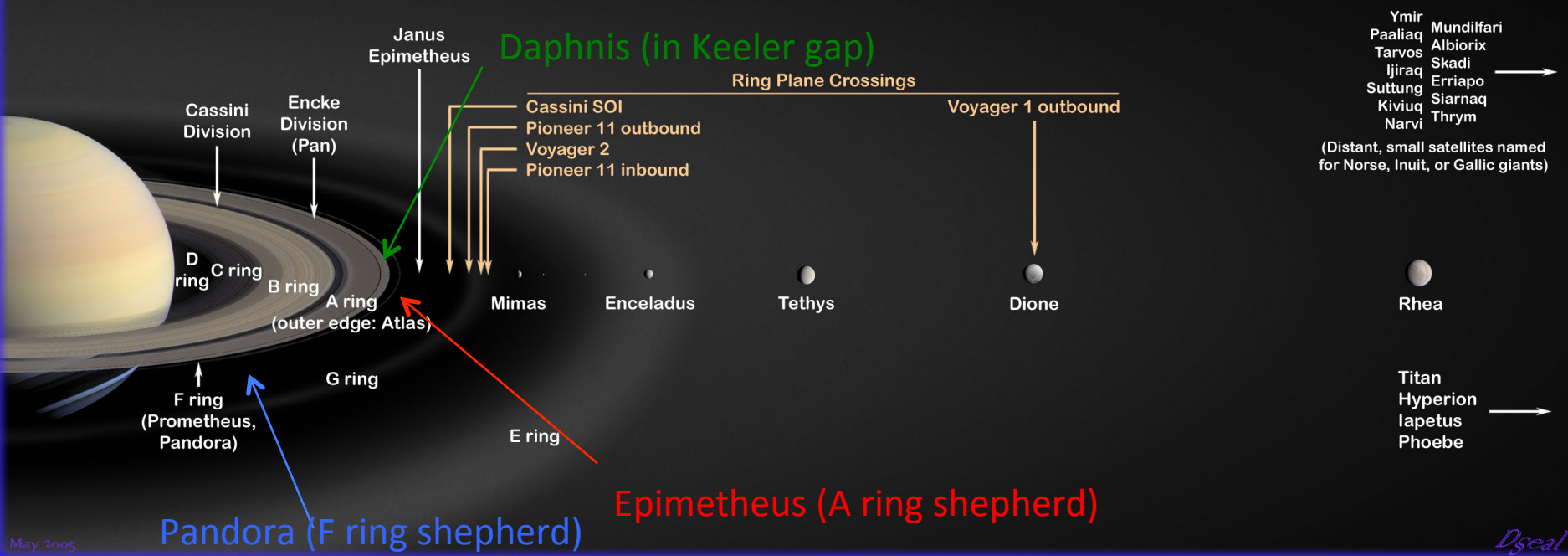
All bodies are to scale except for the eight small, starred (\*) bodies whose sizes have been exaggerated by a factor of 5.



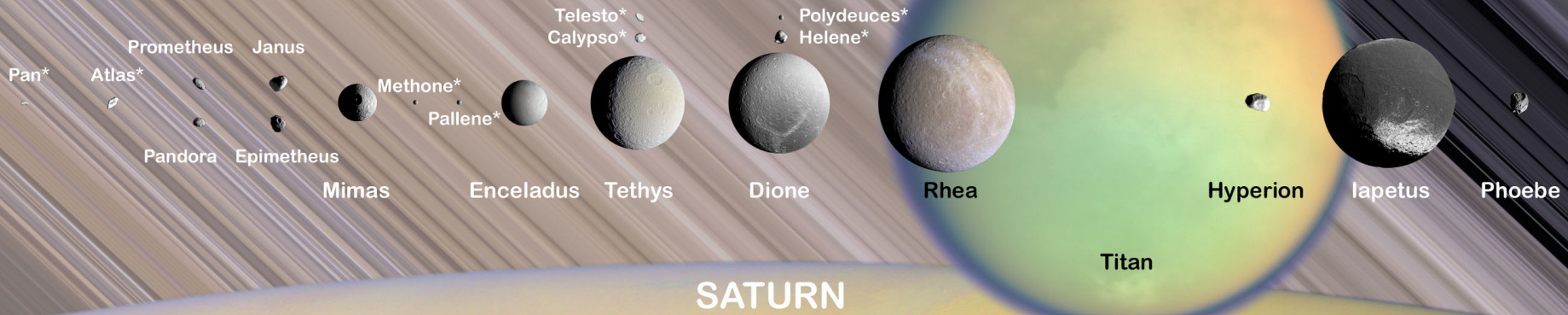
# THE SATURNIAN SYSTEM



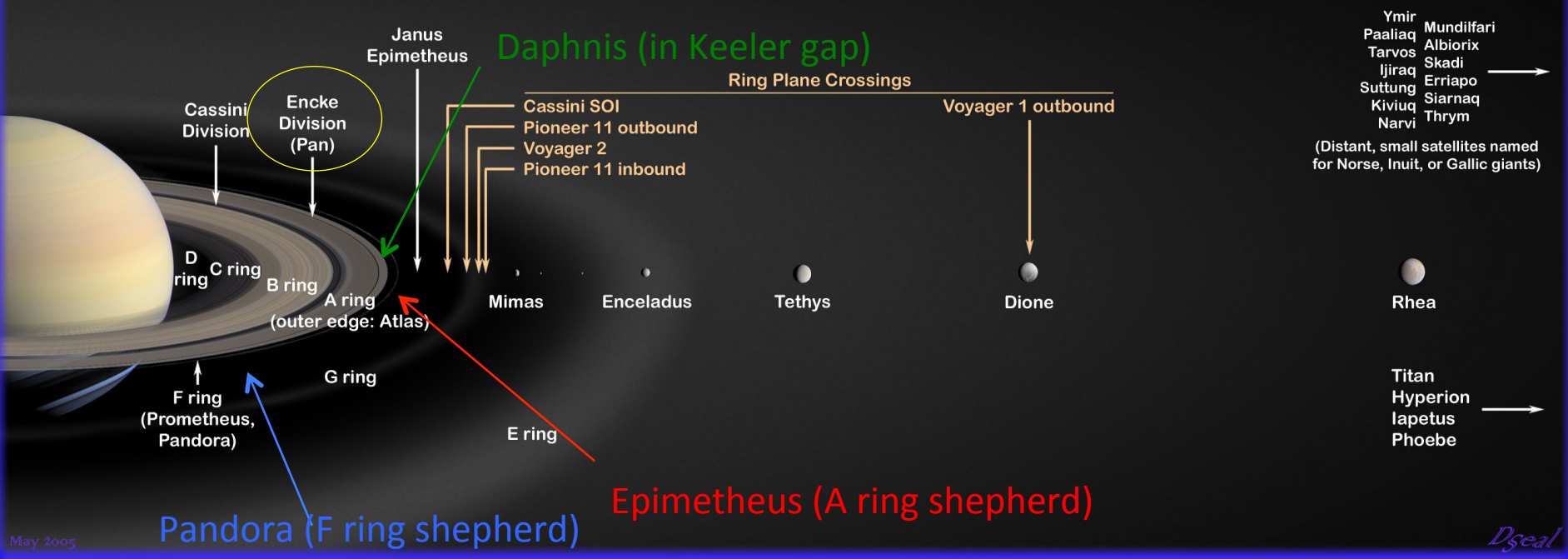
All bodies are to scale except for the eight small, starred (\*) bodies whose sizes have been exaggerated by a factor of 5.



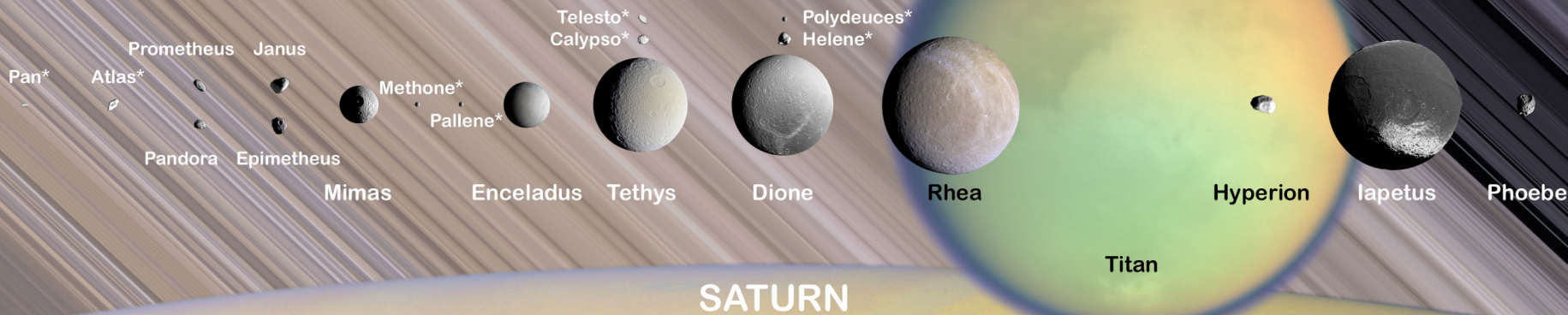
# THE SATURNIAN SYSTEM



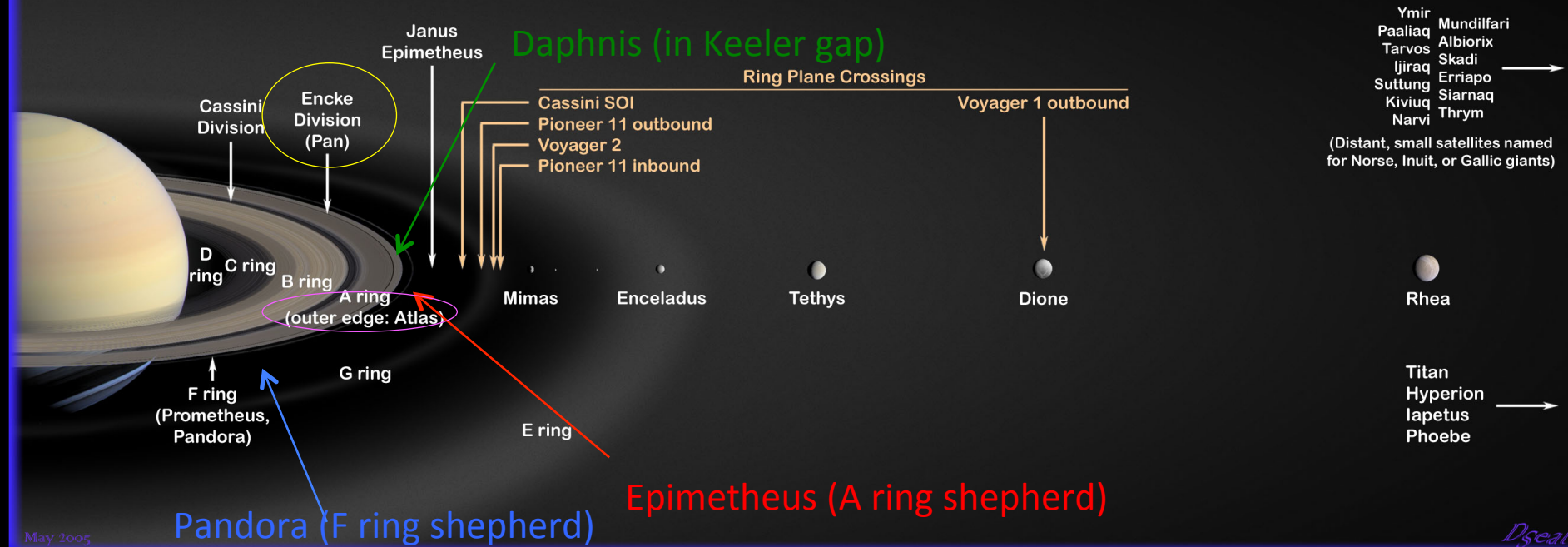
All bodies are to scale except for the eight small, starred (\*) bodies whose sizes have been exaggerated by a factor of 5.



# THE SATURNIAN SYSTEM



All bodies are to scale except for the eight small, starred (\*) bodies whose sizes have been exaggerated by a factor of 5.





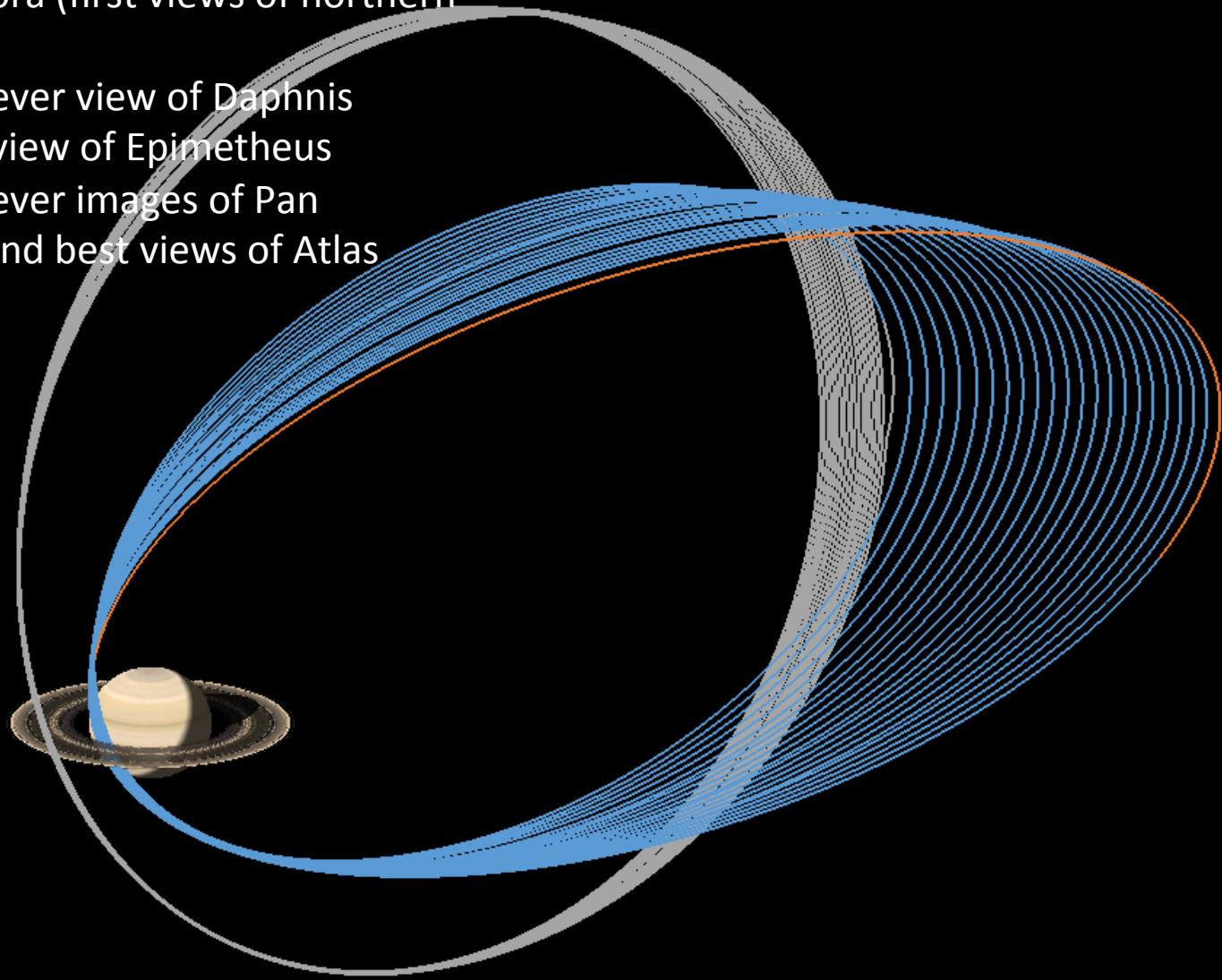
REV 253: Pandora (first views of northern hemisphere)

REV 257: Best-ever view of Daphnis

REV 259: Last view of Epimetheus

REV 264: Best-ever images of Pan

REV 269: Last and best views of Atlas

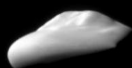


Some of Cassini's best views of these moons prior to the fabulous 5...

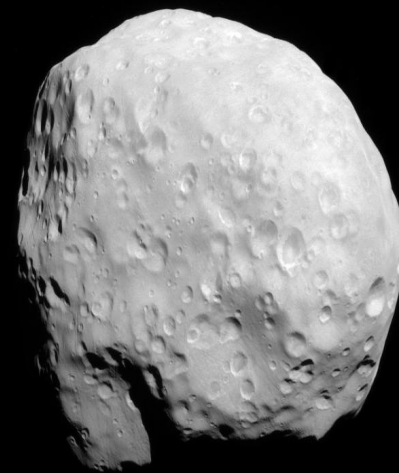
**Dec. 6, 2015**



**Prometheus: 86 km wide; 37,000 km away**

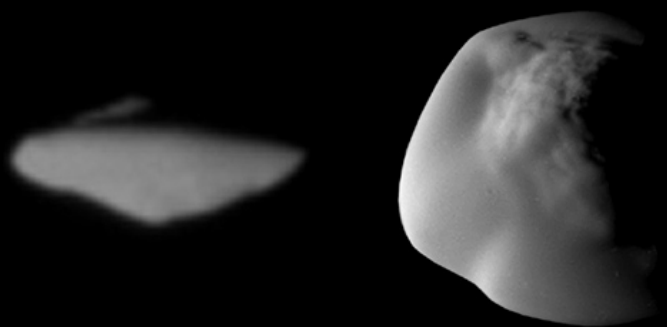


**Atlas: 30 km; 32,000 km**

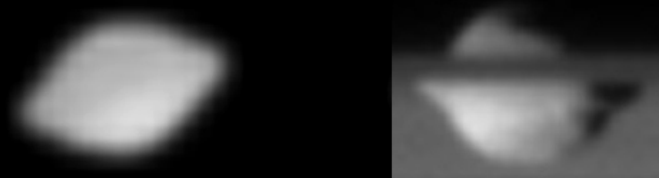


**Epimetheus: 86 km; 35,000 km**

Atlas



Pan

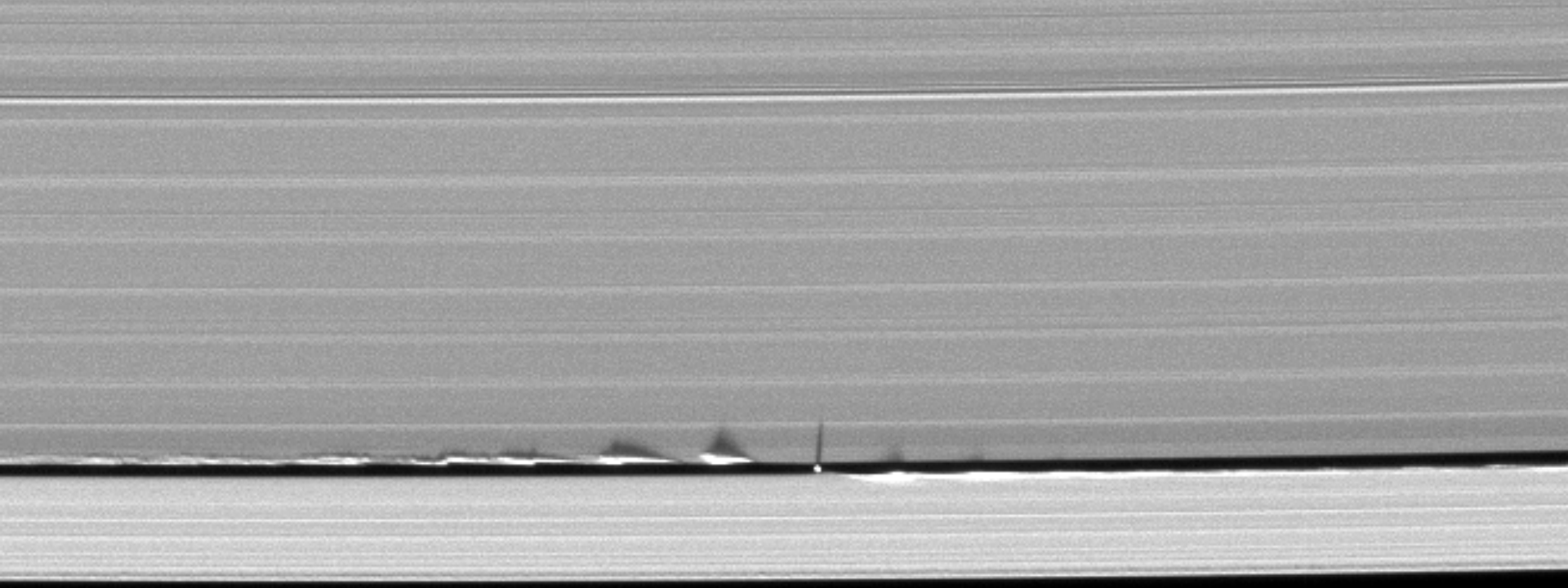


20 km





Prometheus and Pandora

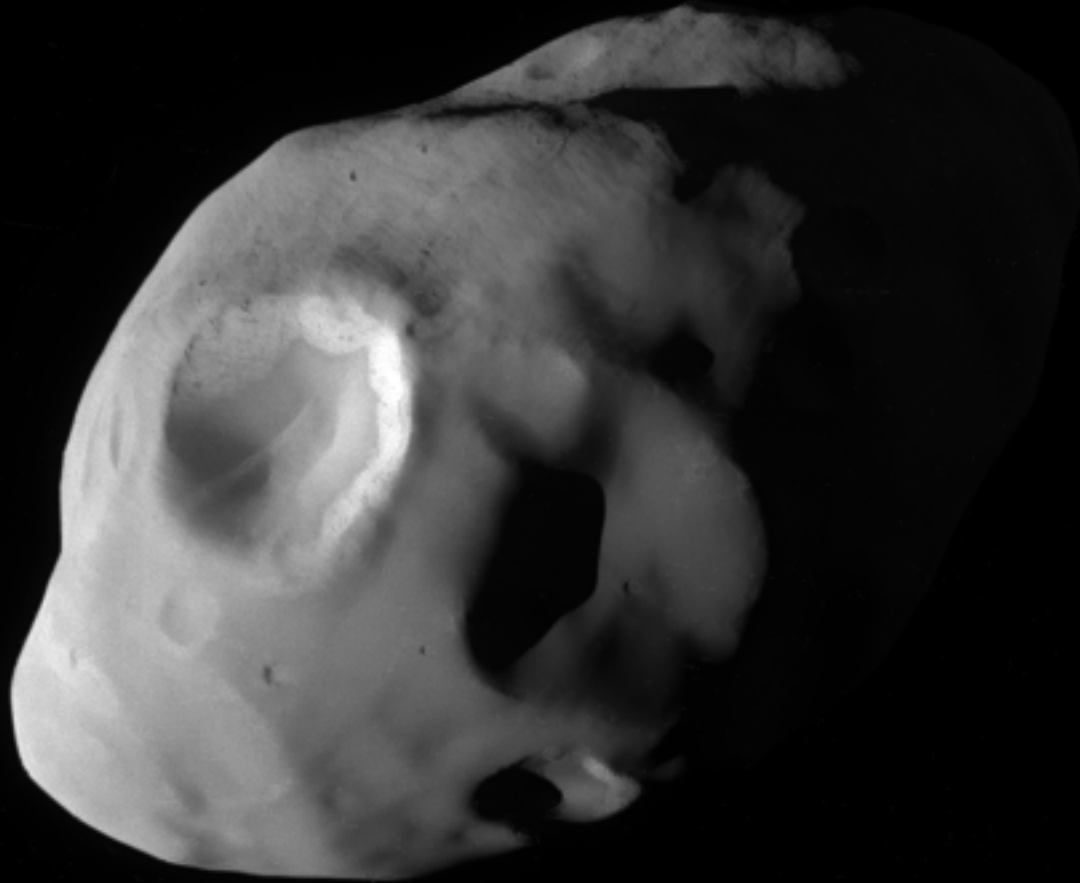
A black and white photograph showing a horizontal horizon line. The upper portion of the image is a dark, textured sky, and the lower portion is a lighter, textured sea. A thin, dark line represents the horizon. On the horizon line, there are several small, dark, triangular shapes. In the center of the horizon, there is a small, white, vertical object that appears to be a ship's mast or a buoy. The overall image has a grainy, high-contrast appearance.

aphnis approaching equinox



Pandora, Nov 2005

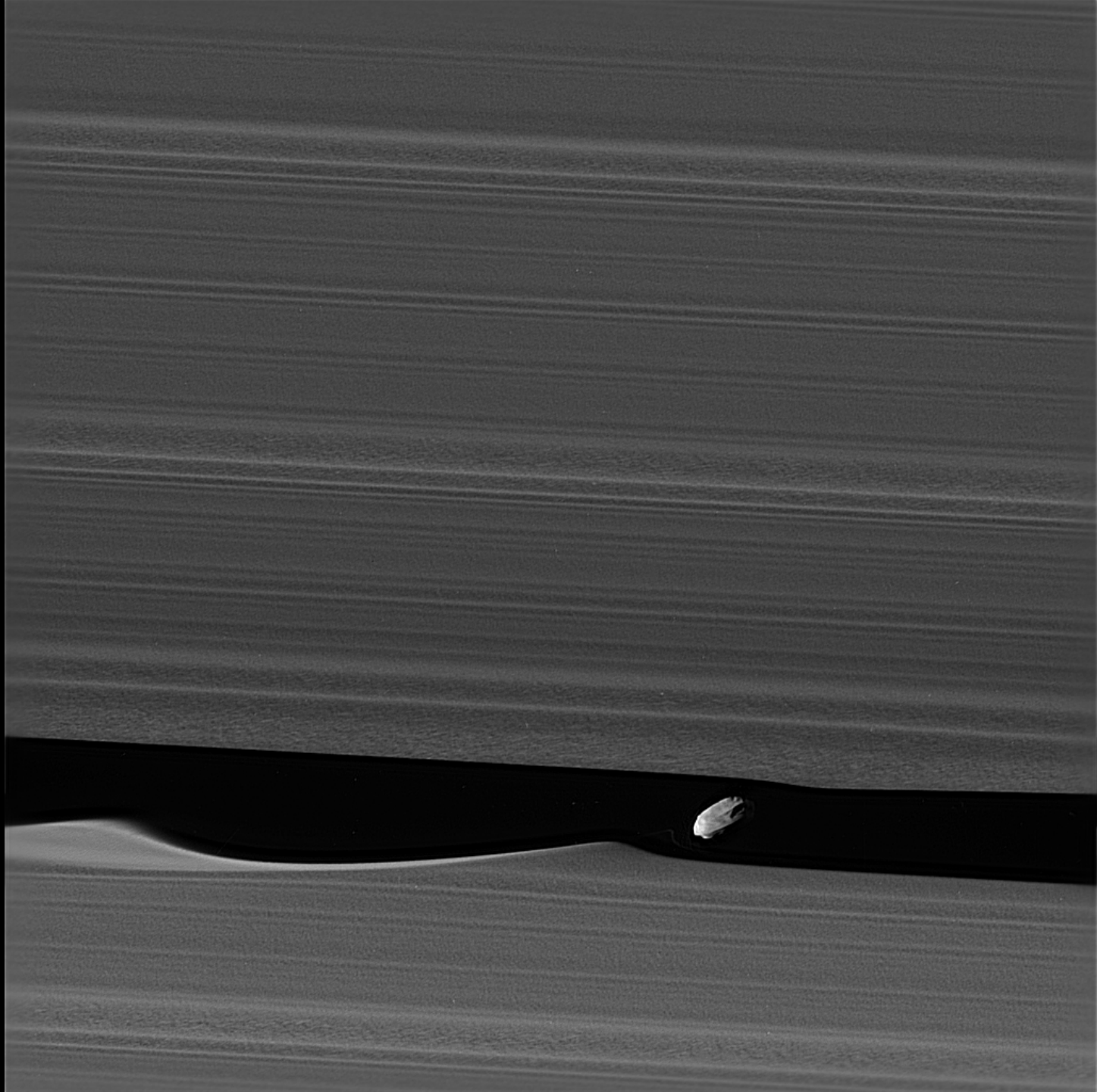
#1 Pandora 18 Dec 2016





#2 Daphnis 16 January 2017





#3 Epimetheus 30 January 2017

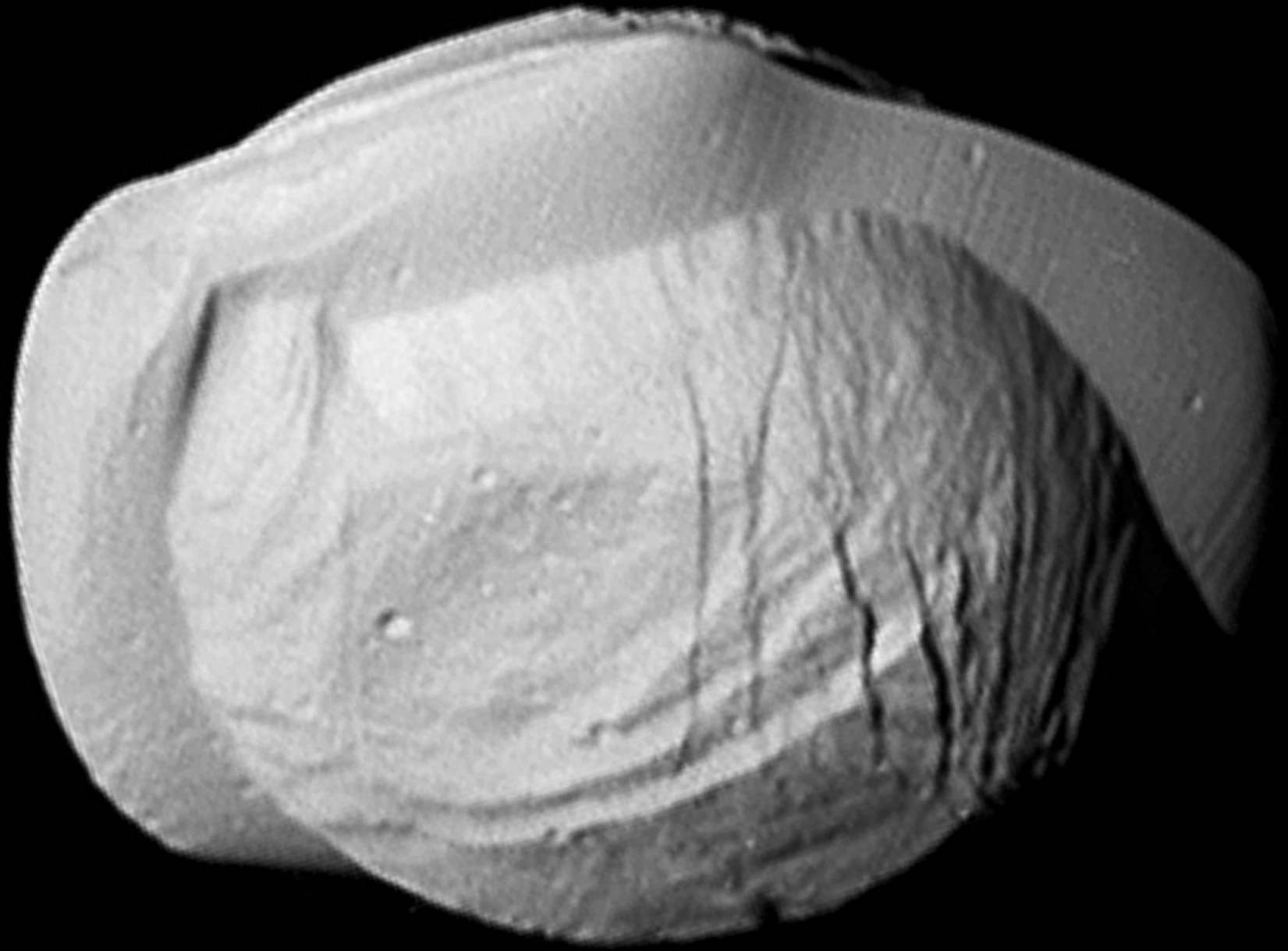
129.8 × 114 × 106.2 km diam

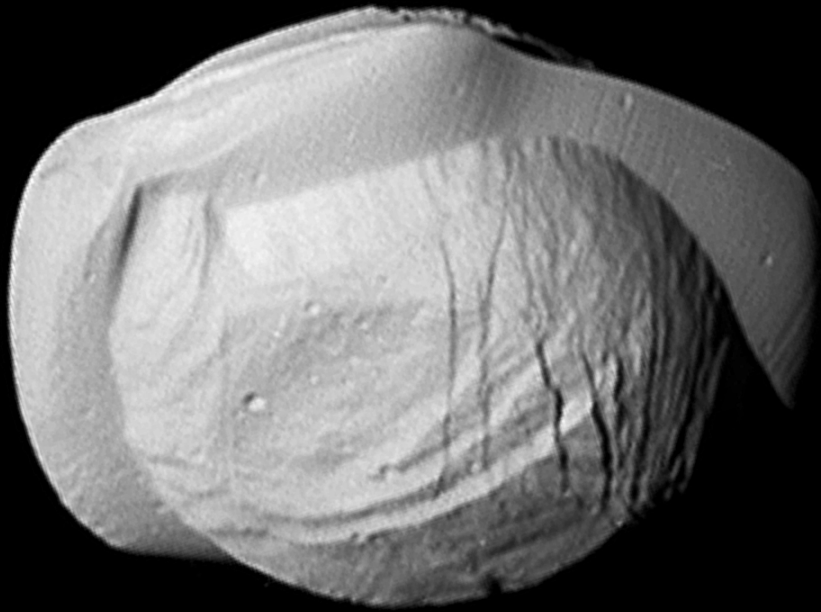


#3 Epimetheus 30 January 2017

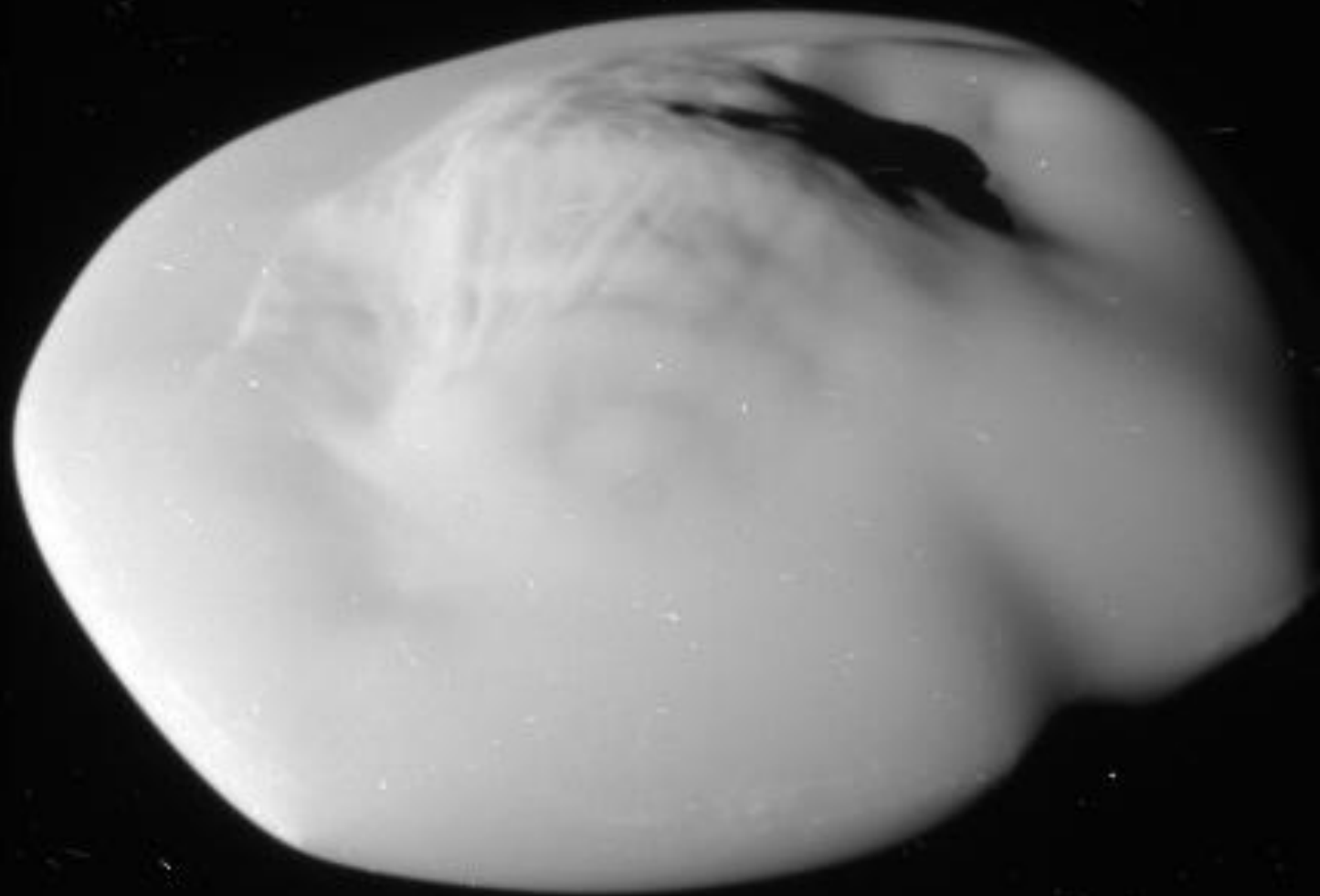


#4 Pan 7 March 2017

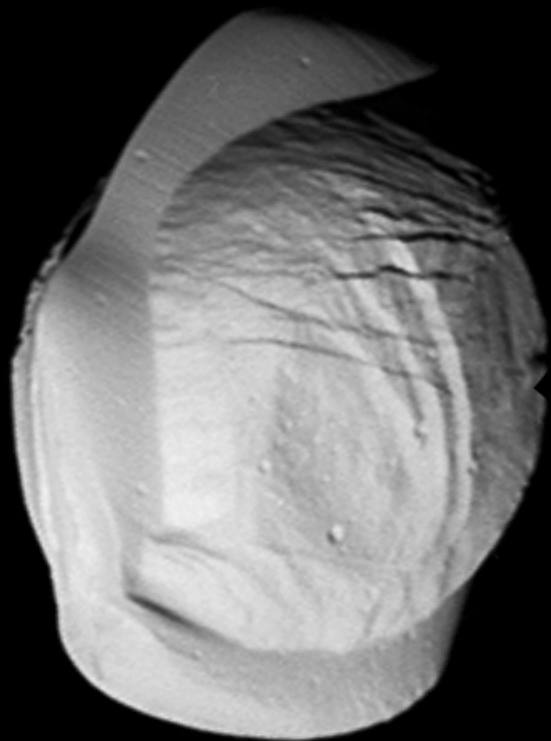




#5 Atlas 12 April 2017



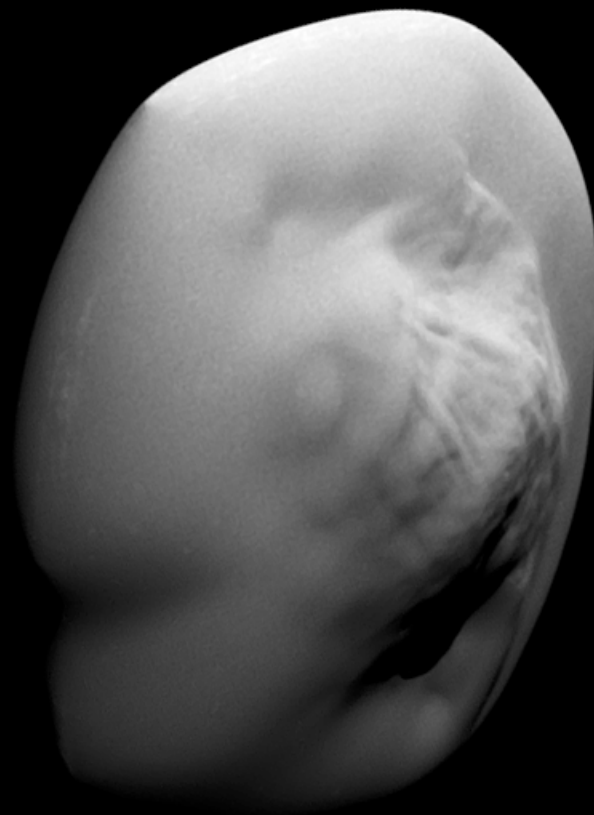
Pan



Daphnis



Atlas



5 km