

This graphic summarizes the Icy Satellite targeted flybys by the Cassini spacecraft, 2004-2017

Term/heading	Description/Definition
Mission phase	Prime (dates), Equinox (dates), Solstice (date-15 Sept 2017)
Rev	The spacecraft orbital revolution around Saturn, counted from Saturn orbit insertion (SOI). Revs commence at apoapse.
SEQ	The spacecraft sequence
Date	Calendar date in UT for closest approach
DOY	Day of the year (e.g. January 1 = 001) for closest approach
C/A Time	Time in SCET (Spacecraft Event Time) of closest approach
Alt	Altitude in km from satellite surface at the time of c/a
Illumination	Was the flyby lit approaching (App) or departing (Dep) the target body
In/Out	In for flybys that occur inbound to Saturn periapse; Out for flybys that occur outbound from Saturn periapse.
C/A LAT/LON	Latitude and longitude of the nadir point at c/a.
Phase @ C/A	phase angle relative to the Sun to indicate illumination (at c/a)
delta-V @ C/A	speed of spacecraft at c/a
Hyd gms	Grams of hydrazine used during this flyby.
Flyby Timeline Legend	
Colored Horizontal bars	which instrument had pointing control of the spacecraft. Gap indicates observation of target other than the flyby body
Light Green	CAPS - Cassini Plasma Spectrometer
Orange	CDA - Cosmic Dust Analyzer
Pink	CIRS - Composite InfraRed Spectrometer
Brown	INMS - Ion and Neutral Mass Spectrometer
Grey	ISS - Imaging Science Subsystem
Goldenrod	RADAR
Light Blue	RSS - Radio Science Subsystem (often SP really in charge if earth pointed)
Purple	SP - Science Planning (downlink periods, turns, deadtime - E is thruster transition).
Teal	UVIS - UltraViolet Imaging Spectrometer
Yellow	VIMS - Visible Mapping Spectrometer