

	Term/heading	Description/Definition
1	Reference Trajectory	Refers to the version of the reference trajectory used for
	110818	creating the "one pager"; relevant to time and altitude of
		closest approach (c/a) and other geometrical data. Version is
		in YY/MM/DD format.
	Revision 9, 140220	See above.
2	Range (km)	distance from spacecraft to Titan's surface at specified time
		relative to c/a
3	Angular diameter (degrees)	Angular diameter of Titan at specified time
4	Flyby	All Titan targeted flybys were labeled in order, with a few
		special exceptions at the start of the mission (T0, TA, TB, T3,
		T4, T5). In some cases, indicated in the format revTI_T#,
		where rev is defined below and T# is the usual Titan flyby (e.g.
		T105 is the same as 208TI_T105)
5	Mission phase (not	Refers to different inclination "phases" of the mission,
	labeled; the column	alternating between orbits highly inclined to the ring plane
	between "Flyby" and	(e.g. In-1, Inclined-2) and orbits in or near the ring plane (e.g.
	"Rev")	Equatorial-1, Equatorial-2). F-ring is for near the end of
	D	mission.
	Rev	The spacecraft orbital "revolution", counted from the
		beginning of the mission, on which this Titan flyby occurred.
	SEQ	Revs commence at apoapse.  The spacecraft sequence, counted from the beginning of the
	SEQ	mission, in which this Titan flyby occurred. Sequences ranged
		in duration from 6-10 weeks.
	Date	Calendar date for closest approach to Titan.
	DOY	Day of the year (e.g. January 1 = 001) for closest approach to
		Titan.
	C/A Time	Time in SCET (Spacecraft Event Time) of closest approach
	Hyd gms	Grams of hydrazine used during this flyby. Yellow background
		for predicted values; blue background for actual as-flown
		value.
	Alt	Altitude in km of the spacecraft from Titan's surface at closest
		approach

Inbound to c/a (hours), Outbound from c/a (hours)	Refers to black row immediately below this legend, stretching across the timeline. Events are indicated as epoch relative to the time of closest approach (time 0, not shown on the black bar, but located halfway between -1 and 1). Inbound events approaching closest approach are in negative epoch time; outbound events after closest approach are in positive epoch time. Three heavy black vertical lines show the $c/a - 1$ hour, $c/a$ , and $c/a + 1$ hour epochs.
O/B Lit?	Outbound lit? Column indicates if flyby is lit outbound (light yellow) or unlit (grey)
In/Out	In for flybys that occur inbound to periapse; Out for flybys that occur outbound from periapse.
Occ	Indicates if there was an occultation observation. Pink background with a "U" for UVIS stellar occultations; yellow background with a V for VIMS solar occultations; UV for stellar and solar occultations; blue background with an R for an RSS Earth occultation.
LST Dec-Hr	Local Saturnian Time. Position of Titan at c/a relative to Saturn time. 0 corresponds to noon, 12 to midnight.
Dual pb?	blue background shows that a dual playback of a subset of data on the flyby (generally but not always near c/a) was downlinked to Earth twice. In some cases, the dual playback did not work correctly, either from a sequencing error or because DSN negotiations did not support the second data playback opportunity (no station received the data); these explanations are indicated in text to the right of the "altitude" column.
C/A LAT/LON	Latitude and longitude of the nadir point at c/a. Color background of the longitude indicates the location of the spacecraft at c/a in Titan's hypothetical magnetosphere. Red for nose, blue/yellow for flank out/in green for wake.
Phase @ C/A	phase angle relative to the Sun to indicate illumination (full-on Sun is 0 degrees; midnight is 180 degrees)

Flyby Timeline Legend				
Colored Horizontal	indicate which instrument had pointing control of the			
bars	spacecraft at that time. Color scheme follows.			
Pink	CIRS			
Yellow	VIMS			
Purple	Science Planning (generally downlink periods). If labeled with C/G/M70, refers to location of DSN station used for downlink (Canberra, Goldstone, Madrid)			
Grey	ISS			

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