

Mars 2020 IDS/IDSO Special Character Flags

Special Character Flag	Sol Introduced	Sol Retired	Description
C	0	Current	ECAM products that are color combined and/or tiled manually. This was common for almost all ECAM data in Cruise (Sol 0-4) but can also happen in surface when they exposure separately per tile. All components are at the same mast pointing. (C: Cruise)
T	2	Current	Only high-resolution cruise tile reconstructions. This differs from C because it's hi-res only. A separate special character flag was required because we can not rely on A00 filename convention as early missions ground tools could not differentiate these appropriately. (T: Tile)
D	4	Current	Debayered versions of EDLCAM raw data files. Separate flag was used to help distinguish them from movie-extracted files. (D: Debayer)
I	9	Current	Helicopter slope products at 60cm postings instead of the normal 2m postings
L	10	Current	Linearized products, using nominal instead of actual linearization on non-stereo pairs. First used for linearizing NAVCAM cloud movies.
H	15	Current	Helicopter placement products that were processed outside of the operational venue to include updates to FDR list generation in the IDS pipeline required for stereo generation. (H: Helicopter)
S	15	Current	Manually-processed stereo images for multiple cameras due to various automated processing issues. All rear HAZCAM stereo products from sol 0-89 are processed manually with this flag. (S: Stereo)
P	15	Current	Pointing corrected single products or mosaics (P: Pointing)
R	20	Current	Manually-processed stereo images to work around various automated processing issues. Same reason as S except as a second variation for products.
X	22	Current	Cross-pointing stereo between neighboring and overlapping stereo pairs. Initiated for ZCAM to fill stereo gap between adjacent stereo pairs. (X: Cross)
W	39	Current	Manually-produced WATSON stereo products (W: WATSON)
A	69	Current	Helicopter stereso processing (A: Aerial)
B	108	Current	Reprocessed height maps at higher resolution postings

G	112	Current	Manually generated goodness products that were generated on the DEV (Development) Venue and copied over to SOPS (Surface Operations) Venue. (G: Goodness)
F	223	Current	Relabeled with latest temperature-dependent camera models for NAVCAM and front HAZCAM.
E	252	Current	Manually processed contrast stretch (E: strEtch)
U	537	Current	Cachecam products that were processed outside of the operational venue to include updates to properly reconstruct FDRs with 4x Downsampling.
Y	1049	Current	Custom mesh from XYZ filtered by XYR to remove pixels on the rover