Dragonfly Landing Site Data Notes

This archive includes several figures and datasets from, or referred to by, the paper “Selection and Characteristics of the Dragonfly Landing Site near Selk Crater, Titan” by Lorenz et al., in the Planetary Science Journal.

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| File  | Description |
| selk\_orth\_mosaic\_256ppd.png | Mosaic of SAR images showing general region of Selk |
| T36HiSAR\_BIBQF01N196\_D149\_T036S04\_V02.jpg | Browse image from PDS/EXTRAS |
| T98HiSAR\_BIFQG39N193\_D257\_T098S02\_V02.jpg | Browse image from PDS/EXTRAS |
| T121HiSAR\_BIFQG10N209\_D277\_T121S06\_V02.jfif | Browse image from PDS/EXTRAS |
| selkgrid.png | Figure 7 of the paper. A subset of the mosaic, with a Lat/Lon and Alphanumeric grid added for easy location/reference. This grid is used in the terrain classifications below |
| Selk\_Classification\_ISS.xlsx | terrain classification based on ISS data (fig 10 of the paper) |
| Selk\_Classification\_SAR.xlsx | terrain classification based on SAR data (fig 8 of the paper) |
| Selk\_Classification\_VIMS.xlsx | terrain classification based on ISS data (fig 9 of the paper) |
| SARTOPO\_T095S01\_B12\_V03\_170315.CSV | SARTopo Profile J-K in Figure 11 |
| SARTOPO\_T095S01\_B45\_V03\_170315.CSV | SARTopo Profile X-Y in Figure 11 |

Radar data products, and informative label files, for quantitative examination can be found on the PDS, e.g. at the time of writing, https://pds-imaging.jpl.nasa.gov/volumes/radar.html

As an example, the T121 image data (incidence, sigma0, etc.) data are at

<https://pds-imaging.jpl.nasa.gov/data/cassini/cassini_orbiter/CORADR_0277/DATA/>

while the browse image products including the T121S06 segment noted above are in

<https://pds-imaging.jpl.nasa.gov/data/cassini/cassini_orbiter/CORADR_0277/EXTRAS/>

SAR Topo data from T95 are at

<https://pds-imaging.jpl.nasa.gov/data/cassini/cassini_orbiter/CORADR_0253/DATA/STDR/>

Prospective users should consult the Cassini RADAR data users guide

https://pds-imaging.jpl.nasa.gov/documentation/RADARUsersGuide2ndEdV2.pdf

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