

# PDS Review Rosetta/GIADA

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# Summary

- CODMAC Level 2/3 Data
- 2 data sets:
  - Prelanding 67P Raw/Calibrated Data  
(21st January 2014 until the 20th November 2014)
  - Comet Escort Phase 1 Data  
(21st November 2014 until the 10th March 2015)
- Data products are consistent
- Very good documentation

# Processing Level

- CODMAC Level 3 data include:
  - Data for single grains detected by IS, IS + GDS
    - size, speed, momentum,...

# Data Products

- Managed to read all tables
- Most valuable for users: <phys> data

```
IDL> pds_giadaShowPhysData
2014-326/00:02:08 v(GDS): 0.0km/s v(IS): 0.0km/s m: 0.0kg
2014-333/23:00:40 v(GDS): 0.0km/s v(IS): 0.0km/s m: 0.0kg
2014-334/00:22:17 v(GDS): 3.2km/s v(IS): 3.2km/s m: 9.2E-08kg
2014-334/11:32:20 v(GDS): 4.8km/s v(IS): 4.8km/s m: 4.0E-08kg
2014-334/11:39:56 v(GDS): 0.0km/s v(IS): 0.0km/s m: 0.0kg
2014-335/10:28:54 v(GDS): 0.0km/s v(IS): 0.0km/s m: 0.0kg
2014-336/05:46:23 v(GDS): 5.2km/s v(IS): 5.2km/s m: 3.9E-08kg
2014-336/06:48:44 v(GDS): 2.7km/s v(IS): 2.7km/s m: 6.0E-08kg
2014-336/14:00:09 v(GDS): 1.9km/s v(IS): 1.9km/s m: 4.3E-08kg
2014-336/14:34:36 v(GDS): 0.0km/s v(IS): 0.0km/s m: 0.0kg
2014-337/11:38:13 v(GDS): 4.1km/s v(IS): 4.1km/s m: 3.3E-08kg
2014-337/22:23:42 v(GDS): 1.2km/s v(IS): 1.2km/s m: 1.7E-07kg
2014-341/12:39:47 v(GDS): 0.6km/s v(IS): 0.6km/s m: 1.4E-07kg
2014-342/18:31:31 v(GDS): 6.2km/s v(IS): 6.2km/s m: 3.1E-08kg
2014-342/18:44:10 v(GDS): 0.0km/s v(IS): 0.0km/s m: 0.0kg
2014-342/18:55:51 v(GDS): 4.3km/s v(IS): 4.3km/s m: 6.0E-08kg
2014-344/07:08:33 v(GDS): 0.0km/s v(IS): 0.0km/s m: 0.0kg
2014-344/18:54:08 v(GDS): 4.9km/s v(IS): 4.9km/s m: 4.4E-08kg
```

# Minor Issues

- in PSA ICD: the “PHYS DATA” data set is called “PHYS”