CII Hosted Payload Opportunity Database

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NASA CII Team





WORKING GROUP MEETING FEEDBACK



Overview



- Goal: Better understand HPO Market
 - Distribution of HPO orbits
 - Launch tempo
 - Industry players
- Answers questions for customers:
 - Prospective Instrument Developers: what are likely orbits available for science?
 - ESD Flight Programs: given a selected instrument, who might be available to host?
- Acknowledged Limitations
 - Public information horizon surrounding commercial GEO HPO's only about 3 years
 - Not all HPO's publicized
- Content Policy
 - Primary data only
 - No NASA analysis, assessment or forecasts
 - Users should independently validate data



Sources



- Public Information
 - Industry / Government Press Releases
 - Trade Press Articles
 - CEOS Database
- Proprietary Information
 - RFI Responses
 - Independent Communication with Industry
 - Sanitized from Public Database Views



Information Presented



Mission Name	Launch Date
Launch Vehicle	Launch Site
Orbit Type	Orbit Height of Apogee/Perigee
Orbit Inclination	Orbit Longitude
Primary Owner/Customer/Agency	Secondary Owner/Customer/Agency
Operator	Operator POC
Spacecraft Bus	Spacecraft POC
Mission URL	Remarks
Information Source	Date Record Last Updated



Downloadable PDF File



Launch Vehicle Source: Domestic or TBD											
ISS Resour	rce			See To 21	Orbital. Altitude.	IN.	GEO.				
Launch Date 2013	Mission Name Orbital CKG-3	Primary Owner / Operator NASA / Orbital	LX Antares	S/C Cognus	0km0 356	51.7	(deg)	Remarks: Plausible as hosted payload opportunity. Attached to Cygnus Service Module on one of hose eaternes surfaces. Option to become Free Riger—up to 1 yes duration, including 55 resupply, once CRS mission completes—contingent on agreement with Orbital Sciences Corporation via 85 Commercial Cargo Office (ISC-ON, 281-244-7626).			
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- 8 ½" x 14" layout document showing most relevant fields; display of all available fields constrained by size
- No sorting or filtering capability. Limited search using text string matching
- JAN 2012 edition hosted in EVI-1 Program Library on SOMA website



Downloadable XLS File



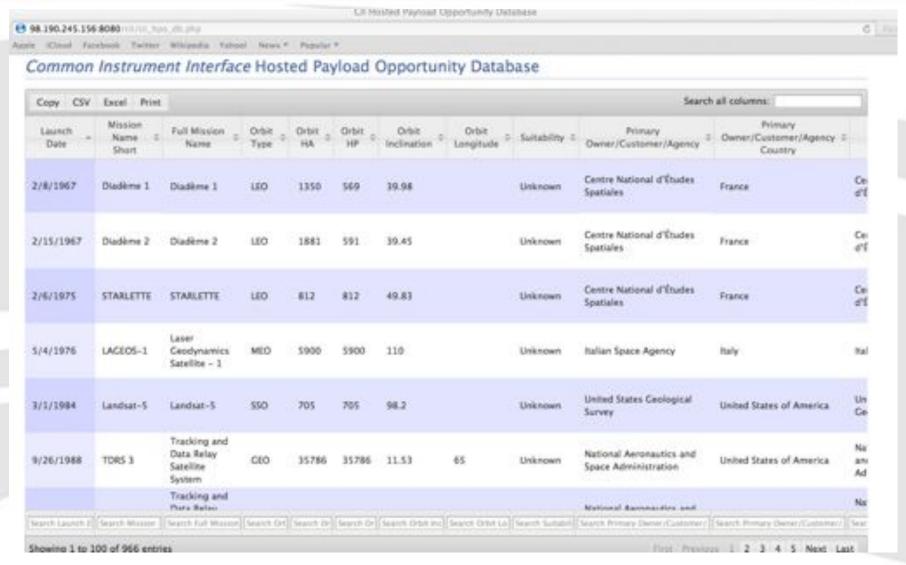
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- Uses Excel Autofilter feature to provide sorting and filtering capabilities.
- Available in January 2013.



Work In Progress: Web-hosted Database



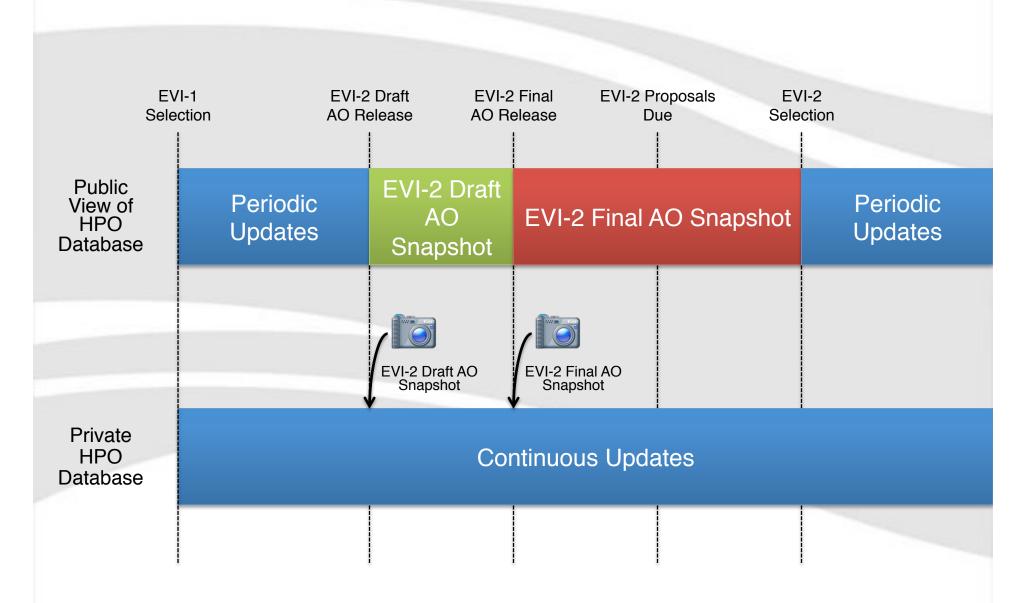


Provides server-based sorting, filtering, and searching capabilities.



HPO Database Release Timeline









QUESTIONS / DISCUSSION