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SYSTEM Command and Telemetry Handbook

For the COSMOS Demo Project



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Commands

SYSTEM META

Item Name	Description	Min	Max	Default	Bit Offset	Bit Size	Data Type	Units
PKTID	Packet Id Id Value: 1				0	8	UINT	
CONFIG	Configuration Name				8	256	STRING	
COSMOS_VERSION	COSMOS Version				264	240	STRING	
USER_VERSION	User Project Version				504	240	STRING	
RUBY_VERSION	Ruby Version				744	240	STRING	

Telemetry Packets

SYSTEM META

System Meta Data Telemetry Packet

Item Name	Description	Bit Offset	Bit Size	Data Type	Units Format
RECEIVED_TIMESECONDS	COSMOS Received Time (UTC, Floating point, Unix epoch) Read Conversion: ReceivedTimeSecondsConversion	0	0	DERIVED	%0.6f
RECEIVED_TIMEFORMATTED	COSMOS Received Time (Local time zone, Formatted string) Read Conversion: ReceivedTimeFormattedConversion	0	0	DERIVED	
RECEIVED_COUNT	COSMOS packet received count Read Conversion: ReceivedCountConversion	0	0	DERIVED	
PKTID	Packet Id Id Value: 1	0	8	UINT	
CONFIG	Configuration Name	8	256	STRING	
COSMOS_VERSION	COSMOS Version	264	240	STRING	
USER_VERSION	User Project Version	504	240	STRING	
RUBY_VERSION	Ruby Version	744	240	STRING	