

EMFISIS Data Products & Needs

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Data Products

- Waveforms, spectrograms, wave properties, magnetic vector time series.

Data Level	Product Title	Contents	Volume	Format	Latency	Frequency
L0	Raw telemetry	Raw EMFISIS data including both science and HK data	TBD	Binary/ CDF	Minutes from availability at MOC (T_0)	Daily
L1	Time series and spectra; burst data	Sorted, time-tagged, instrument separated data words	TBD	CDF	$T_0 + <8$ days	Daily
L2	Calibrated time series, spectra and burst data	Calibrated field values and spectral quantities	TBD	CDF	$T_0 + <60$ days (14 days for MAG)	Daily
L3	Higher level derive products	MAG spectra; wave normal vectors; spectral matrices	TBD	CDF	$T_0 + <1$ year	Daily

Data Needs

- From EFW
 - information on modes on both axial and spin-plane booms including what mode is operating when
 - calibrations across frequency for the electric field signals sent to us as those are updated through the mission lifetime
- Other instruments – none anticipated other than their usual data products.