Time interval=(startTime-30min: endTime+30min)

Conjunstions\_start: startTime of conjunction

Choruswf\_start: starting time of waveform

Repetition time: repetition time in each conjunction. The repetition time is calculated from the starting time of elements in one 6s case: t\_start(j+1)-t\_start(j)

element number: total element number for each conjunction.

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MLT

MLAT

Maximum\_amplitude: maximun intensity for each element (nT)

EMFISIS data seconds: seconds of EMFISIS burst data (s) for each conjunction