L1A : Process RAW to L1A

Raw binary to HDF5 and filter data on SZA.

Processing Parameters and metadata:
HyperInSPACE version: 1.0.7
SZA Limit (L1A): 70.0
 The stuff that dreams are made of.
/version=R0
/investigators=Sam_Spade
/affiliations=Sam_Spade_Detective_Agency
/contact=supersleuth@noir.com
/experiment=sample
/cruise=Sample1
/documents=LogSheet.xls,ProcessReport.xls
/instrument_manufacturer=Satlantic
/instrument_model=HyperSAS
/calibration_date=
/calibration_files=HSE488B.cal,HSL386B.cal,HLD386B.cal,HED488B.cal,SATTHS0045A.tdf,HLD385B.cal
,HSL385B.cal,SATNAV0001A.tdf,GPRMC_NMEA0183v3.01.tdf
/data_type=above_water
/data_status=preliminary
/water_depth=NA
/measurement_depth=0
/cloud_percent=NA
/wave_height=NA
/secchi_depth=NA
/station=
/original_file_name=
/start_date=
/end_date=
/start_time=
/end_time=
/north_latitude=
/south_latitude=
/east_longitude=
/west_longitude=
/wind_speed=

Process log:
Process Single Level
ProcessL1a.processL1a: 09-Apr-2021 16:11:45
L1A file produced:
 /Users/daurin/GitRepos/HyperInSPACE/Data/L1A/SAMPLE_HYPERSAS_NOTRACKER_L1A.hdf
Process   Single   Level:
/Users/daurin/GitRepos/HyperInSPACE/Data/L1A/SAMPLE_HYPERSAS_NOTRACKER_L1A.hdf   -
SUCCESSFUL
id: SATHSE0488
id: SATHSL0386

id: SATHLD0386
id: $GPGGA
id: SATHED0488
id: SATHLD0385
id: SATHSL0385

L1B : Process L1A to L1B

Apply factory calibrations.

Processing Parameters: None

Process log:
Process Single Level
ProcessL1b.processL1b: 09-Apr-2021 16:11:58
Applying factory calibrations.
  Group: GPGGA_NMEA0183.tdf
    File: $GPGGA
  Group: HED488B.cal
    File: SATHED0488
  Group: HLD385B.cal
    File: SATHLD0385
  Group: HLD386B.cal
    File: SATHLD0386
  Group: HSE488B.cal
    File: SATHSE0488
  Group: HSL385B.cal
    File: SATHSL0385
  Group: HSL386B.cal
    File: SATHSL0386
L1B file produced:
 /Users/daurin/GitRepos/HyperInSPACE/Data/L1B/SAMPLE_HYPERSAS_NOTRACKER_L1B.hdf
Process   Single   Level:
/Users/daurin/GitRepos/HyperInSPACE/Data/L1B/SAMPLE_HYPERSAS_NOTRACKER_L1B.hdf   -
SUCCESSFUL
id: SATHSE0488
id: SATHSL0386
id: SATHLD0386
id: $GPGGA
id: SATHED0488
id: SATHLD0385
id: SATHSL0385

L1C : Process L1B to L1C

Filter data on pitch, roll, yaw, and azimuth angles.

Processing Parameters:
Rotator Home Angle: 0.0Rel Azimuth Min: 90.0Rel Azimuth Max: 135.0
Process log:
Process Single Level
ProcessL1c:
/Users/daurin/GitRepos/HyperInSPACE/Data/L1B/SAMPLE_HYPERSAS_NOTRACKER_L1B.hdf
ProcessL1c.processL1c: 09-Apr-2021 16:15:28
L1c processing failed. Nothing to output.