GHRC_LIS SCF	

1.	**FILENAME:** LISOTD_HRAC_V2.2.hdf (ftp link: here) (Filesize=208.3MB)
	It is a HDF4 file. It has 4 datasets.
	It has Latitude and Longitude. However the names of the datasets include '(dimension)' at the end.
	The latitude and longitude provided by the file is (-0.25, 0.25, 0.75, …, 359.25) and (-0.25, 0.25, 0.75, …, 179.25), which is not accurate.
	The correct end points of latitude and longitude are: N: 90.0; S: -90.0; E: 180.0; W: -180.0. Users have to refer to website: 'ftp://ghrc.nsstc.nasa.gov/pub/doc/lis_climatology/' for correct latitude and longitude
	A value of 0.0 is used for '_FillValue.' The file is missing the 'missing_value' attribute.

Datasets	
DatasetName	**#Dimension (DimList)**
Day of year (dimension)	1-D (365)
Longitude (dimension)	1-D (720)
Latitude (dimension)	1-D (360)
HRAC_COM_FR	3-D (360*720*365)

File like LISOTD_HRMC has similar structure to LISOTD_HRAC_V2.2.hdf

2.	**FILENAME:** LISOTD_HRFC_V2.2.hdf (ftp link: here) (Filesize=14.0MB)
	It is a HDF4 file. It has 18 datasets.
	It has Latitude and Longitude. However the names of the datasets include '(dimension)' at the end.
	A value of 0.0 is used for '_FillValue.' The file is missing the 'missing_value' attribute.

Datasets	
DatasetName	**#Dimension (DimList)**
Longitude (dimension)	1-D (720)
Latitude (dimension)	1-D (360)
DE LowRes Longitude (dimension)	1-D (144)
DE LowRes Latitude (dimension)	1-D (72)
….	
HRFC_COM_FR	2-D (360*720)
HRFC_LIS_DE	3-D (24*72*144)
HRFC_OTD_DE	4-D (3*24*72*144)

Files like LISOTD_LRAC, LISOTD_LRACTS, LISOTD_LRADC , LISOTD_LRDC, LISOTD_LRFC and LISOTD_LRMTS have similar structure to LISOTD_HRFC_V2.2.hdf

3.	**FILENAME:** olslit1995.aug_digital_12.hdf (ftp link: here) (Filesize=7.9MB)
	It is a HDF4 file. It has 2 datasets and 2 vgroups.
	The groups are further divided into groups which are further divided into groups.

Datasets	
DatasetName	**#Dimension (DimList)**
metadata	1-D (3)
Raster Image#0	2-D (900*420)

GROUP1: Strip	

DataFieldName	#Dimension (DimList)
strip	Not mentioned
Subgroup1: Description	
DataFieldName	#Dimension (DimList)
coverage	Not mentioned
GROUP2: Strips	
Subgroup1: Strip	
DataFieldName	#Dimension (DimList)
strip	1-D (1)
Sub_Subgroup1: Event	
DataFieldName	#Dimension (DimList)
event	1-D (7)
Sub_Subgroup1: Description	
DataFieldName	#Dimension (DimList)
coverage	1-D (5)
……	

4.

FILENAME: olslit91.apr_analog.hdf (ftp link: here) (Filesize=382KB)

It is a HDF4 file. It has 2 datasets and 1 vgroup.

The groups are further divided into groups which are further divided into groups.

Datasets	
DatasetName	#Dimension (DimList)
metadata	1-D (3)
Raster Image#0	2-D (900*420)
GROUP1: Strips	
Subgroup1: Strip	
DataFieldName	#Dimension (DimList)
strip	1-D (1)
Sub_Subgroup1: Event	
DataFieldName	#Dimension (DimList)
event	1-D (39)
Sub_Subgroup1: Description	
DataFieldName	#Dimension (DimList)
coverage	1-D (4)
Subgroup2: Strip	
DataFieldName	#Dimension (DimList)
strip	1-D (1)
Sub_Subgroup1: Event	
DataFieldName	#Dimension (DimList)
event	1-D (2)
Sub_Subgroup1: Description	
DataFieldName	#Dimension (DimList)
coverage	1-D (4)
Subgroup3: Strip	

DataFieldName	#Dimension (DimList)
strip	1-D (1)
Sub_Subgroup1: Description	
DataFieldName	#Dimension (DimList)
coverage	1-D (4)

5.

FILENAME: TRMM_LIS_SC.04.1_2007.001.52013.hdf (ftp link: here) (Filesize=1.08MB)

It is a HDF4 file. It has 1 dataset and 1 vgroups.

The groups are further divided into groups which are further divided into groups.

Datasets	
DatasetName	#Dimension (DimList)
Raster Image#0	2-D (720*500)

GROUP1: orbit	
DataFieldName	#Dimension (DimList)
one_second	1-D(5649)
Subgroup1: point	
DataFieldName	#Dimension (DimList)
point_summary	1-D (1)
…	