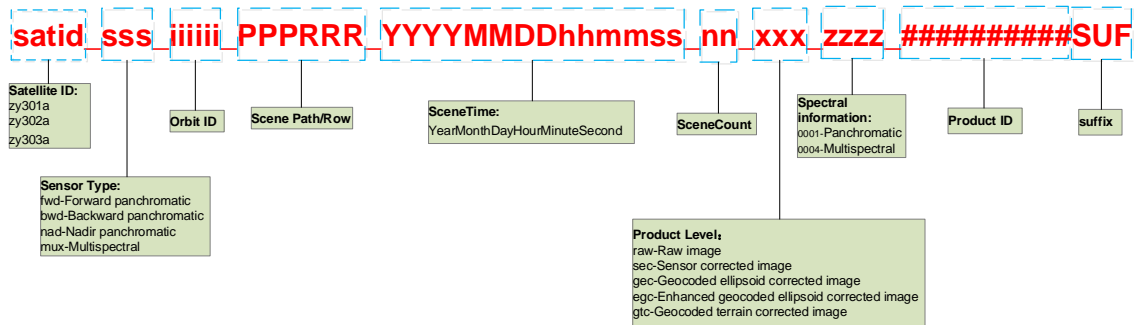


Sample Data Product Description

1 Naming Rules

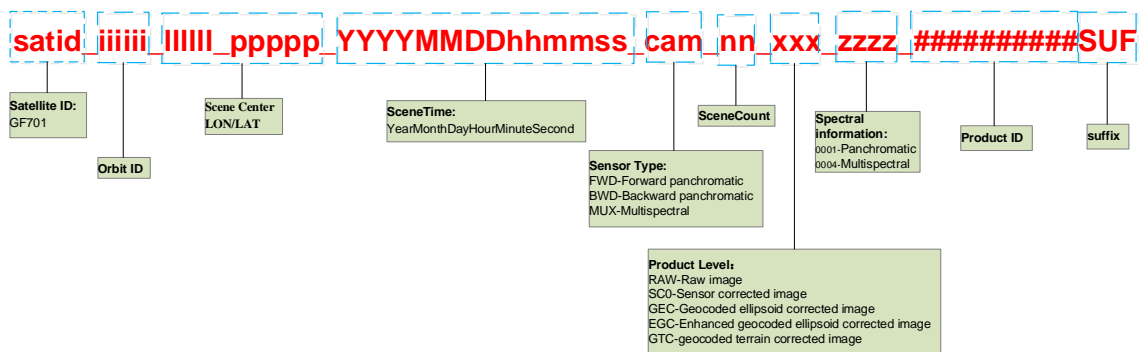
1.1 ZY3 Series Satellites



Example:

- zy302a_nad_038959_272093_20230605181523_01_sec_0001_2306067339
- zy302a_fwd_038959_272093_20230605181523_01_sec_0001_2306069266
- zy302a_mux_038959_272093_20230605181523_01_sec_0004_2306068712
- zy302a_bwd_038959_272093_20230605181523_01_sec_0001_2306061530

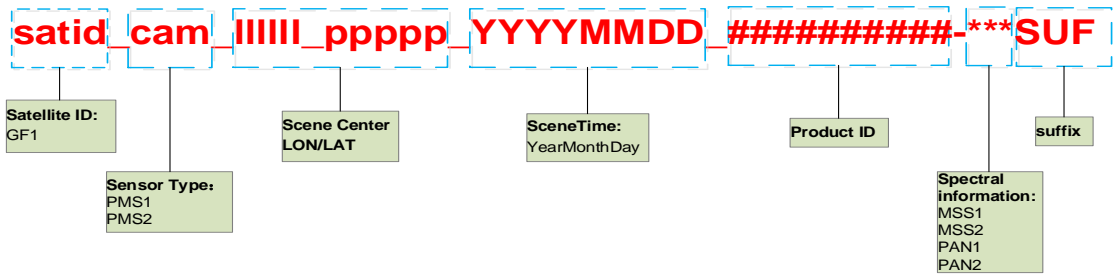
1.2 GF-7 Satellite



Example:

- GF701_013948_E112.8_N34.4_20220504113509_BWD_01_SC0_0001_2205052170
- GF701_013948_E112.8_N34.4_20220504113509_FWD_01_SC0_0001_2205052170
- GF701_013948_E112.8_N34.4_20220504113509_MUX_01_SC0_0004_2205052170

1.3 GF-1 Satellite



Example:

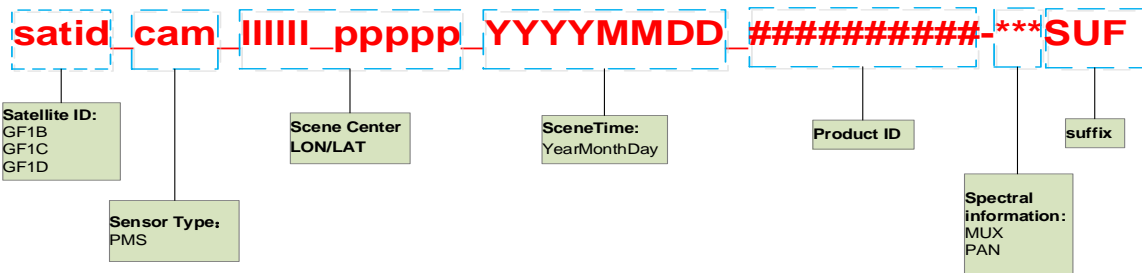
GF1_PMS1_E153.0_S27.1_20230811_L1A13092795001-PAN1

GF1_PMS1_E153.0_S27.1_20230811_L1A13092795001-MSS1

GF1_PMS2_E153.2_S27.7_20230811_L1A13092892001-PAN2

GF1_PMS2_E153.2_S27.7_20230811_L1A13092892001-MSS2

1.4 2m/8m Optical Satellites

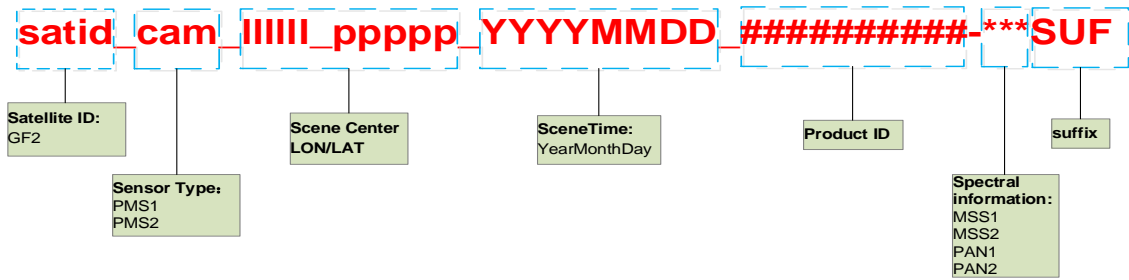


Example:

GF1B_PMS_E13.7_N54.5_20230421_L1A1228283894-PAN

GF1B_PMS_E13.7_N54.5_20230421_L1A1228283894-MUX

1.5 GF-2 Satellite



Example:

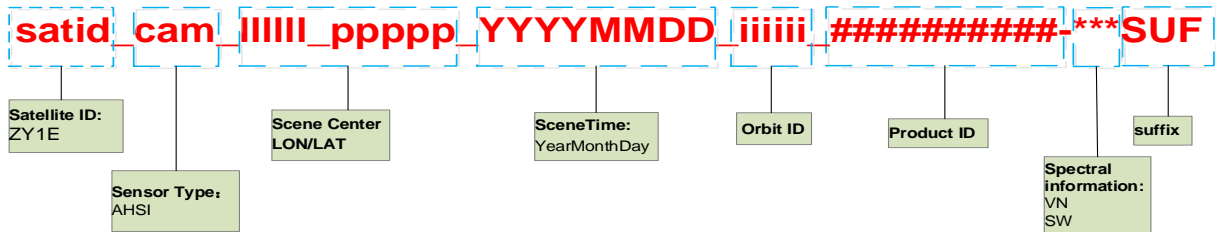
GF2_PMS1_E116.4_N39.9_20160609_L1A0001633143-MSS1

GF2_PMS1_E116.4_N39.9_20160609_L1A0001633143-PAN1

GF2_PMS2_E116.3_N39.8_20150903_L1A0001017552-MSS2

GF2_PMS2_E116.3_N39.8_20150903_L1A0001017552-PAN2

1.6 5m Optical Satellites



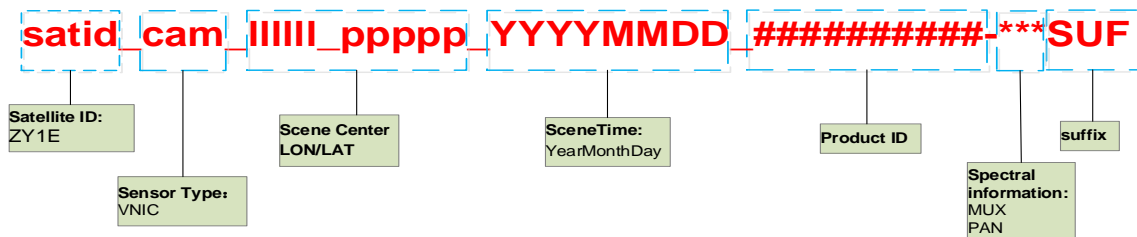
Example:

ZY1E_AHSI_E12.06_N45.45_20230815_020566_L1A0000641030_VN

ZY1E_AHSI_E12.06_N45.45_20230815_020566_L1A0000641030_SW

ZY1E_AHSI_W9.19_N39.27_20230807_020451_L1A0000637896_VN

ZY1E_AHSI_W9.19_N39.27_20230807_020451_L1A0000637896_SW



Example:

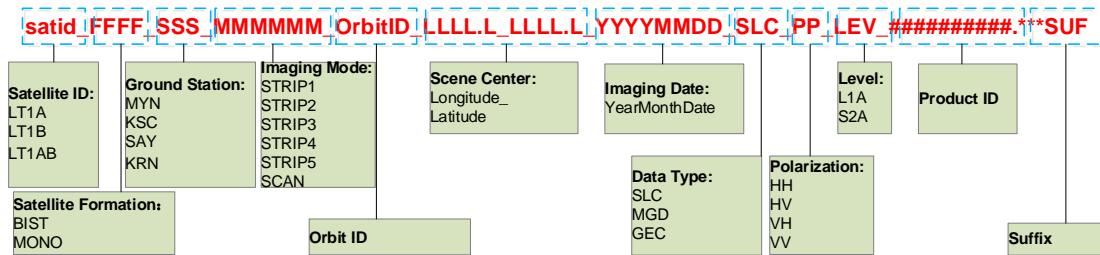
ZY1E_VNIC_E31.0_N29.5_20230130_L1B0000562960-MUX

ZY1E_VNIC_E31.0_N29.5_20230130_L1B0000562960-PAN

ZY1E_VNIC_W111.3_N40.2_20230925_L1B0000658365-MUX

ZY1E_VNIC_W111.3_N40.2_20230925_L1B0000658365-PAN

1.7 L-SAR Satellites



Example:

LT1AB_BIST_KSC_STRIP1_003898_E104.0_N30.7_20221014_SLC_HH_L1A_0000041685

LT1A_MONO_KSC_STRIP1_012479_E121.7_N30.9_20240513_SLC_HH_S2A_0000396742

2 File Composition

In the naming rules, the "suffix" represents the supplementary extension of the basic part of the file name, meaning different file types.

2.1 ZY3 Series and GF-7 Satellites

Table 1. Product Name Supplement Explanation of ZY3 and GF-7

Substring	Length	File properties	Value	Description
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	and type			
suffix	4 char	Metadata file	.xml	
	4 char	Image data file	.tif	
	8 char	Preview image file	_pre.jpg	
	8 char	Preview file geometric information file	_pre.jgw	Optional
	8 char	Thumbnail file	_ico.jpg	
	8 char	Radiation correction information file	_rad.xml	Optional
	8 char	RPC file	_rpc.txt	

2.2 GF-1 , 2m/8m Optical Satellites, GF-2 Satellite

Table 2. Product Name Supplement Explanation of GF-1 , 2m/8m Optical Satellites, GF-2

Substring	Length and type	File properties	Value	Description
suffix	4 char	Metadata file	.xml	
	5 char	Image data file	.tiff	
	4 char	Preview image file	.jpg	
	4 char	Preview file geometric information file	.jpw	
	10 char	Thumbnail file	_thumb.jpg	
	4 char	RPB file	.rpb	

2.3 5m Optical Satellites

Table 3. Product Name Supplement Explanation of 5m Optical Satellites

Substring	Length and type	File properties	Value	Description
Suffix	4 char	Metadata file	.xml	
	4 char	Image data file	.tiff	
	4 char	RPC file	.rpb	

	4 char	Vector files	.shp	
	4 char	Preview image file	.jpg	
	4 char	Spectralresponse file	.raw	AHSI
	4 char	RadCal file	.raw	AHSI
	9 char	Observation geometry angle file	_OGP.tiff	AHSI
	8 char	MUX Metadata file	-MUX.xml	VNIC
	8 char	PAN Metadata file	-PAN.xml	VNIC
	8 char	Thumbnail file	_thumb.jpg	VNIC
	14 char	MUX Thumbnail file	-MUX_thumb.jpg	VNIC
	14 char	PAN Thumbnail file	-PAN_thumb.jpg	VNIC

2.4 L-SAR Satellites

Table 4. Product Name Supplement Explanation of L-SAR Satellites

Substring	Length and type	File properties	Value	Description
suffix	4 char	RPC file	.rpc	
	5 char	Image data file	.tiff	
	10 char	Thumbnail file	.thumb.jpg	
	10 char	Metadata file	.meta.xml	
	11 char	Browse image file	.browse.jpg	
	14 char	Incidence file	.incidence.xml	