5.3   FILE NAMING CONVENTION

The proposed filename conventions for various levels of data products orbit wise/ segment wise are as follows:

Level	Product type	Product File Name
1A	NRT (Segment wise)	MT1SSSSL1A__X.XX_VVV_I_II_L_YYYY_MM _DD_HH_mm_ss_ YYYY_MM _DD_HH_mm_ss _NNNNN_MMMMM_CCC_TT_UU_STN_SG.h5
	Standard (Orbit wise)	MT1SSSOL1A__X.XX__I_I I _L_YYYY_MM_DD_ CCC_ TT_OOOOO.h5
1A2	NRT (Segment wise)	MT1SSSSL1A2_X.XX_VVV_I_II_L_YYYY_MM _DD_HH_mm_ss_ YYYY_MM _DD_HH_mm_ss _NNNNN_MMMMM_CCC_TT_UU_STN_SG.h5
	Standard (Orbit wise)	MT1SSSOL1A2_X.XX_VVV_I_I I _L_YYYY_MM_DD_ CCC_ TT_OOOOO.h5
1A3	NRT (Segment wise)	MT1SSSSL1A3_X.XX_VVV_I_II_L_YYYY_MM _DD_HH_mm_ss_ YYYY_MM _DD_HH_mm_ss _NNNNN_MMMMM_CCC_TT_UU_STN_SG.h5
	Standard (Orbit wise)	MT1SSSOL1A3_X.XX_VVV_I_II_L_YYYY_MM_DD_CCC_TT_OOOOO.h5
1B	NRT (Segment wise)	MT1SSSSL1B__X.XX_VVV_I_II_L_YYYY_MM _DD_HH_mm_ss_ YYYY_MM _DD_HH_mm_ss _NNNNN_MMMMM_CCC_TT_UU_STN_SG.h5
	Standard (Orbit wise)	MT1SSSOL1B__X.XX_VVV_I_II_L_YYYY_MM_DD_CCC_TT_OOOOO.h5

Table 5.3-1: Filename convention

Where:

(a)   MT1 : Megha –Tropiques

(b)   SSS: Indicates the Sensor Name "MAD"/"SAP"/"SCA" for MADRAS, SAPHIR & SCARAB respectively

(c)   O/S: Indicates the data is standard (Orbit –wise)/ NRT(Segment-wise) product type

(d)   Product type : L1A,L1A2, L1A3 or L1B

Remark: As MADRAS L1A2 and L1A3 are identical, for that case, the "L1A2" label will be indicated in the file name

(e)   X.XX indicates the software version.

(f)   VVV: is an extension for software which will be frozen to 000 for operational software but will be significant for validation Software

(g)   I_I I indicates the IODD version . The version will change if version of any IODD file will change example 9_07

(h)   L indicates the origin of processing I/C for ISRO or CNES

(i)   YYYY: The calendar year when first sample of I^{st} Record of data was acquired

(j)   MM: The month of the year when first sample of the I^{st} Record of data was acquired

(k)   DD: The date of the year when first sample of the I^{st} Record of data was acquired

(l)   HH_mm_ss : Hour, minutes, second of first sample /pixel of first record of data

(m)   YYYY: The calendar year when first sample of *last* record of data was acquired

(n)   MM: The month of the year when first sample of the *last* record of data was acquired

(o)   DD: The date of the year when first sample of the *last* record of data was acquired

(p)   HH_mm_ss : Hour, minutes, second of first sample /pixel of last record of data

(q)   NNNNN: Orbit start number no. of the first sample of the *first* Record

(r)   MMMMM: Orbit end number : no. of the last sample of the last Record acquired

(s)   CCC : Index of the orbit cycle (a cycle is 7 days)and corresponds to orbit of first scan

(t)   TT: First scan Cycle number : Relative orbit in the cycle for the first record (1 to 97)

(u)   UU**:** last scan Cycle number : Relative orbit in the cycle for the last record (1 to 97)

(v)   STN : Ground station name : KRU, HBK,BL1 or BL2

(w)   SG : segment number copied from L0 file name , only for NRT products

(x)   OOOOO: Satellite orbit no. of archived orbit wise product

Remark :

For MADRAS , date for first and last samples of 18,7Ghz polarisation H channel will be considered.

For SCARAB , date of first and last sample of Solar channel will be considered.

Using this convention, sample product names for *25th December 2009* and orbit no. *12345* is shown in Table as follows with time of first record sample of the dump equal to 02H50mn01sec and time of last record equal to 03H40mn20sec

Cycle number is : 91 and first and last cycle number are 85 and 86 . Ground station is BangaloreN°1: BL1 and Segment number is SG=01

Table : File naming convention for MT Payload products	
Product Level	**Product File Name**
Level1A (segment wise)	MT1MADSL1A__1.00_000_9_07_I_2009_12_25_02_50_01_2009_12_25_03_40_20_12345_12346_091_85_86_BL1_01.h5
Level1A2 (segment wise)	MT1MADSL1A2_1.00_000_9_07_I_2009_12_25_02_50_01_2009_12_25_03_40_20_12345_12346_091_85_86_BL1_01.h5
Level1A3 (segment wise)	MT1MADSL1A3_1.00_000_9_07_I_2009_12_25_02_50_01_2009_12_25_03_40_20_12345_12346_091_85_86_BL1_01.h5
Level1B (segment wise)	MT1MADSL1B__1.00_000_9_07_I_2009_12_25_02_50_01_2009_12_25_03_40_20_12345_12346_091_85_86_BL1_01.h5
Level 1A (orbit wise)	MT1SAPOL1A__1.00_000_9_07_I_2009_12_25_85_091_12345.h5
Level 1A2 (orbit wise)	MT1SAPOL1A2_1.00_000_9_07_I_2009_12_25_85_091_12345.h5
Level 1A3(orbit wise)	MT1SAPOL1A3_1.00_000_9_07_I_2009_12_25_85_091_12345.h5
Level 1B (orbit wise)	MT1SCAOL1B__1.00_000_9_07_I_2009_12_25_85_091_12345.h5

Table 5.3-2: Example of a filename