

HIFI_MIB Software Release Note

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1 New Release

1.1 *HIFI_ASPI_10_2*

HIFI_ASPI_10_2 has no HIFI equivalent

HIFI_ASPI_10_2 is successor of HIFI_ASPI_10_1

HIFI_ASPI_10_2 applies to:

- ICU AVM2 Prime

HIFI_ASPI_10_2 is compatible with HIFI OBS 3.6 and OBS 4.3.2

1.1.1 Reason for change

The following change has been made:

1. Correction of command *HIFI_copy_mem_to_low*

During the WU test in October 2006 NCR H-P-130000-177-2644 was raised. During the test a memory image has been loaded to the “high part of the memory” but the start of this new image failed due to a wrong definition of the *HIFI_copy_mem_to_low* TC.

The telecommand has been corrected and successfully tested on ICU CFM2. (we used OBS 4.3 to load a patch to 4.3.1)

The change is one record in cdf:

cname	eltype	descr	ellen	bit	grpsize	pname	inter	value	tmid
HC086289	A	DestinationLow	32	48			R	0	

Changes to:

cname	eltype	descr	ellen	bit	grpsize	pname	inter	value	tmid
HC086289	E		32	48		HP422197	R	0	

2. **MIB_tag** is changed:

The record in txp.dat changes from

number	from	to	altxt
318	0	0	HIFI_ASPI_10_1

to:

number	from	to	altxt
318	0	0	HIFI_ASPI_10_2

3. HIFI_HK_rev7 has been added

In order to ensure compatibility with OBS 4.3.2 the following records have been added:

tpcf:

spid	descr
80086289	HIFI_HK_REV7

pid:

type	stype	apid	pi1_val	pi2_val	spid	descr
3	25	1026	1028	0	80086289	HIFI_HK_rev_7

plf:

name	spid	offby	offbi	nbocc	lgocc	time	tdocc
HM001190	80086289	16	0	1	0		
HM003190	80086289	18	0	1	0		
HM004190	80086289	22	0	1	0		
HM010190	80086289	27	0	1	0		
HM008190	80086289	28	0	1	0		
HM009190	80086289	29	0	1	0		
HM011190	80086289	30	0	1	0		
HM012190	80086289	34	0	1	0		
HM013190	80086289	38	0	1	0		
HM014190	80086289	42	0	1	0		
HM015190	80086289	46	0	1	0		
HM016190	80086289	50	0	1	0		
HM017190	80086289	54	0	1	0		
HM018190	80086289	58	0	1	0		
HM019190	80086289	62	0	1	0		
HM020190	80086289	66	0	1	0		
HM021190	80086289	70	0	1	0		
HM022190	80086289	74	0	1	0		
HM023190	80086289	78	0	1	0		
HM024190	80086289	82	0	1	0		
HM025190	80086289	86	0	1	0		
HM026190	80086289	90	0	1	0		
HM027190	80086289	94	0	1	0		
HM028190	80086289	98	0	1	0		
HM029190	80086289	102	0	1	0		
HM030190	80086289	106	0	1	0		
HM031190	80086289	110	0	1	0		
HM000191	80086289	113	2	1	0		
HM000194	80086289	113	3	1	0		
HM001193	80086289	113	4	1	0		
HM000193	80086289	113	5	1	0		
HM001192	80086289	113	6	1	0		
HM000192	80086289	113	7	1	0		

name	spid	offby	offbi	nbocc	lgocc	time	tdocc
HM032190	80086289	114	0	1	0		
HM033190	80086289	118	0	1	0		
HM002193	80086289	121	4	1	0		
HM003193	80086289	121	5	1	0		
HM002192	80086289	121	6	1	0		
HM003192	80086289	121	7	1	0		
HM034190	80086289	122	0	1	0		
HM035190	80086289	126	0	1	0		
HM036190	80086289	128	0	1	0		
HM037190	80086289	130	0	1	0		
HM038190	80086289	132	0	1	0		
HM039190	80086289	134	0	1	0		
HM040190	80086289	138	0	1	0		
HM041190	80086289	142	0	1	0		
HM042190	80086289	146	0	1	0		
HM043190	80086289	150	0	1	0		

4. Telecommand simulate peakup has been added

This requires the following additions:

to cpc:

pname	descr	ptc	pfc	dispfmt	radix	unit	categ	prfre f	ccar ef	pafr ef	inter	defval
HP424197	HI_microrot_y	4	4	R	D		N				R	
HP425197	HI_microrot_z	4	4	R	D		N				R	

to ccf:

cname	descr	descr 2	ctyp e	critica l	pktid	typ e	styp e	apid	npar s
HC112289	HIFI_simulate_peakup			N	GX000000	8	4	1024	5

plan	exec	ilscope	ilstage	subsys	hipri	mapid	defset	rapid	ack
N	Y	N	C		N				9

to cdf:

cname	eltype	descr	ellen	bit	grpsize	pname	inter	value	tmid
HC112289	A	Function_ID	8	0	0		R	10	
HC112289	A	Activity_ID	8	8	0		R	7e	
HC112289	A	Structure_ID	16	16	0		R	1	
HC112289	E		8	32		HP424197	R	0	
HC112289	E		8	40		HP425197	R	0	

5. TM packet identifiers have been corrected:

type	stype	apid	pi1_val	pi2_val	spid	descr
5	1	1024	49152	49152	80028289	HIFI_peakup_request
6	6	1024	0	0	80051289	HIFI_memory_dump
6	10	1024	0	0	80052289	HIFI_memory_check
14	4	1024	0	0	80054289	HIFI_TM_generation_status_report

2 Previous MIBs

2.1 *HIFI_ASPI_10_1*

HIFI_ASPI_10_0 has no HIFI equivalent

HIFI_ASPI_10_1 is successor of HIFI_ASPI_10_0

HIFI_ASPI_10_1 applies to:

- ICU AVM2 Prime

HIFI_ASPI_10_1 is compatible with HIFI OBS 3.6,

2.1.1 Reason for change

The following changes have been made after Alcatels first attempt to load the data:

1. Kohm should be kOhm

actions taken:

- change caf and pcf in ASPI_Mib 10_1
- change in MIB-editor is not necessary
- change caf in MIB 88

2. parameters in the same AND have the same field-number.

actions taken:

- change dpc in ASPI_Mib 10_1
- The merging script will check on unique key (number, fldnr) to prevent this in future

3. gpc_symbol shall be in range [0, 6]

actions taken:

- change gpc in ASPI_Mib 10_1
- Change of the MIB editor: a warning will be issued when symbol is OOR

4. packets in vpd and plf shall be present in tpcf

actions taken:

- change tpcf in ASPI_Mib 10_1
- The merging script will check the completeness of tpcf, HFA and TMD to prevent these errors in future

5. VPD_NEWLINE is Y of N, In stead an H was found

actions taken:

- change vpd in ASPI_Mib 10_1
- Change of the MIB editor: a warning will be issued when newline is not Y or N

6. Variable packets specified in vpd must not be specified as fixed in plf

This is the case for five packets.

Actions taken:

- These packets will be removed from plf in ASPI_Mib 10_1
- AND Enabled_packets will be removed from dpf and dpc in ASPI_Mib 10_1
- These packets will be removed from plf in MIB 88
- AND Enabled_packets will be removed from dpf and dpc in MIB 88

7. ccf refers to HSO_STD-command packet header, This should be generic GX000000

Actions taken:

- The generic header will be used in ASPI_Mib 10_1
- The generic header will be used in MIB 88
- The merge script will remove the files tcp.dat and pcd.dat from deliveries to ASPI

8. cdf contains duplicated keys

This is caused by wrong definition of two commands

Actions taken:

- These packets will be corrected in ASPI_Mib 10_1
- An SPR has been raised on MIB 87. **SPR 833**
- These packets will be corrected in Mib 88

9. parameters refer to parameters outside their box

HF_cryo belongs to FCU not ICU

Actions taken:

- This parameter will be corrected in ASPI_Mib 10_1
- This parameter will be corrected in Mib 88

10. Service 21,3 is being used with APID 1026 wich is not allowed

Actions taken:

- These packets will be corrected to (3,25) in ASPI_Mib 10_1.
- An SPR has been raised on MIB 87. SPR 834
- This will be labeled as a known problem in MIB-88

11. Records that refer to HIFI_redundant are present

Records in pid, plf, vpd and tpcf that refer to redundant HIFI have been removed

2.2 HIFI_ASPI_10_0

HIFI_ASPI_10_0 is equivalent to HIFI_MIB_81

MIB 83 applies to:

➤ ICU AVM2 Prime

MIB 83 is compatible with HIFI OBS 3.6,

2.2.1 Reason for change

This issue has been released to support ICU-AVM2-test