Tower A
Open NCR detailed repor

NCR	NCR/FM/INFN/PI/269
NCR status	open
Classification	major
Item Name	Heavy tray Assembly with Payload
P/N	LAT-DS-00747 (rev3)
S/N	010
NCR title	21 signal strips disconnected
NCR description	21 signal strips disconnected
cause	malfunction
issue date	11/22/2004 12:49:16 PM
issue by	Luca Latronico
detected during	Test
approved by	Luca Latronico
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/269

MRB dispositions for NCR

NCR/FM/INFN/PI/269

disposition	***ID:***	1
close the NCR		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

Annexes for NCR

NCR/FM/INFN/PI/269

NCR	NCR/FM/INFN/PI/298
NCR status	open
Classification	major
Item Name	Light tray Assembly with Payload
P/N	LAT-DS-00181 (rev1)
S/N	013
NCR title	156 disconnected channels on front side
NCR description	156 disconnected channels on front side
cause	other (see description)

issue date	11/26/2004 12:05:37 PM
issue by	Aldo Troianiello
detected during	Test
approved by	Luca Latronico
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/298

MRB dispositions for NCR

NCR/FM/INFN/PI/298

disposition	***ID:***	1
Close the NCR		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

Annexes for NCR

NCR/FM/INFN/PI/298

NCR	NCR/FM/INFN/PI/303
NCR status	open
Classification	major
Item Name	Heavy tray Assembly with Payload
P/N	LAT-DS-00747 (rev3)
S/N	020
NCR title	HV short after thermal cycle
NCR description	HV short after thermal cycle
cause	manufacturing mistake

issue date	11/29/2004 11:29:48 AM
issue by	Luca Latronico
detected during	Test
approved by	Luca Latronico
approved on	
action	Refer MRB
signature	
customer approval date	

MRB dispositions for NCR

NCR/FM/INFN/PI/303

disposition	***ID:***	2
Close the NCR		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

disposition	ID:	1
As per MRB with SLAC on 11/29/04, the tray can be used for Tower "A". The NCR remain OPEN until new disposition.		
Finding		
responsible	**due date (mm/dd/yyyy)**	**closed**
Aldo Troianiello	11/29/2004	☐

NCR	NCR/FM/INFN/PI/304
NCR status	open
Classification	minor
Item Name	Mid tray Assembly with Payload
P/N	LAT-DS-00180 (rev3)
S/N	082
NCR title	instabilities of high GTRC, back side
NCR description	instabilities of high GTRC, back side
cause	other (see description)
issue date	11/29/2004 11:38:10 AM
issue by	Luca Latronico
detected during	Test
approved by	Luca Latronico
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/304

MRB dispositions for NCR

NCR/FM/INFN/PI/304

disposition	***ID:***	1
Close the NCR		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

Annexes for NCR

NCR/FM/INFN/PI/304

NCR	NCR/FM/INFN/PI/306
NCR status	open
Classification	major
Item Name	Heavy tray Assembly with Payload
P/N	LAT-DS-00747 (rev3)
S/N	012
NCR title	34 disconnected channels
NCR description	34 disconnected channels
cause	other (see description)

issue date	11/29/2004 12:09:25 PM
issue by	Luca Latronico
detected during	Test
approved by	Luca Latronico
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/306

MRB dispositions for NCR

NCR/FM/INFN/PI/306

disposition	***ID:***	1
Close the NCR		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

Annexes for NCR

NCR/FM/INFN/PI/306

NCR	NCR/FM/INFN/PI/312
NCR status	open
Classification	minor
Item Name	Tracker Module Assembly
P/N	LAT-DS-00722 (rev2)
S/N	A
NCR title	fixing cables device
NCR description	fixing cables device
cause	design change

issue date	12/1/2004 2:04:53 PM
issue by	Aldo Troianiello
detected during	Manufacturing
approved by	Alessandro Brez
approved on	
action	
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/312

MRB dispositions for NCR

NCR/FM/INFN/PI/312

Annexes for NCR

NCR/FM/INFN/PI/312

annex N°	*Identification*
1	R. Johnson and A.Scholz e-mail
link	http://glast.pi.infn.it/database/scripts/newsrv/NCRAnnex/Annex1_to_NCR_FM_INFN_PI_312.eml

annex N°	*Identification*
2	Foam Installation
link	http://glast.pi.infn.it/database/scripts/newsrv/NCRAnnex/Annex2_to_NCR_FM_INFN_PI_312.pdf

NCR	NCR/FM/INFN/PI/318
NCR status	open
Classification	major
Item Name	Heavy tray Assembly with Payload
P/N	LAT-DS-00747 (rev3)
S/N	020
NCR title	broken ladder wirebonds
NCR description	broken ladder wirebonds
cause	other (see description)

issue date	12/3/2004 10:05:08 AM
issue by	Luca Latronico
detected during	Test
approved by	Luca Latronico
approved on	
action	Refer MRB
signature	
customer approval date	

MRB dispositions for NCR

NCR/FM/INFN/PI/318

disposition	***ID:***	2
Close the NCR		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

disposition	ID:	1
A) refer to MRB Proposed dispositions: i) use tray as is for tower A ii) review thermal cycle temperature limit		
Finding		
responsible	**due date (mm/dd/yyyy)**	**closed**
Luca Latronico	12/3/2004	☐

NCR	NCR/FM/INFN/PI/319
NCR status	open
Classification	major
Item Name	Bottom Tray Assembly with Payload
P/N	LAT-DS-00051 (rev1)
S/N	003
NCR title	broken ladder wirebonds
NCR description	broken ladder wirebonds
cause	other (see description)

issue date	12/3/2004 10:25:41 AM
issue by	Luca Latronico
detected during	Test
approved by	Luca Latronico
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/319

MRB dispositions for NCR

NCR/FM/INFN/PI/319

disposition	***ID:***	1
A) refer to MRB Proposed dispositions: i) use tray as is for tower A ii) review thermal cycle temperature limit		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Luca Latronico	12/3/2004	☐

Annexes for NCR

NCR/FM/INFN/PI/319

NCR	NCR/FM/INFN/PI/322
NCR status	open
Classification	major
Item Name	Tower Assembly
P/N	LAT-DS-00722
S/N	A
NCR title	Holes on BT corner +Y -X has not the deep to screw the M4x8
NCR description	Holes on BT corner +Y -X has not the deep to screw the M4x8
cause	other (see description)
issue date	12/6/2004 11:11:16 AM
issue by	Emilio Rapposelli
detected during	Manufacturing
approved by	Alessandro Brez
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/322

MRB dispositions for NCR

NCR/FM/INFN/PI/322

disposition	***ID:***	1
USE AS IS		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

Annexes for NCR

NCR/FM/INFN/PI/322

NCR	NCR/FM/INFN/PI/323
NCR status	open
Classification	minor
Item Name	TWR A
P/N	LAT-DS-00722
S/N	A
NCR title	The alignment after Base Plate assembly was incorrect
NCR description	The alignment after Base Plate assembly was incorrect
cause	document error

issue date	12/6/2004 11:23:51 AM
issue by	Emilio Rapposelli
detected during	Alignment
approved by	Emilio Rapposelli
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/323

MRB dispositions for NCR

NCR/FM/INFN/PI/323

disposition	***ID:***	1
Close the NCR		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

Annexes for NCR

NCR/FM/INFN/PI/323

NCR	NCR/FM/INFN/PI/326
NCR status	open
Classification	major
Item Name	Connecto mount
P/N	LAT-DS-03825
S/N	N.A.
NCR title	Difficulties to screw dowen the item (LAT-DS- 03825 with LAT-DS-04730
NCR description	Difficulties to screw dowen the item (LAT-DS- 03825 with LAT-DS-04730
cause	other (see description)

issue date	12/6/2004 3:16:59 PM
issue by	E.Rapposelli
detected during	Manufacturing
approved by	Alessandro Brez
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/326

MRB dispositions for NCR

NCR/FM/INFN/PI/326

disposition	***ID:***	1
A) Use as is SLAC update DWG		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

Annexes for NCR

NCR/FM/INFN/PI/326

NCR	NCR/FM/INFN/PI/327
NCR status	open
Classification	minor
Item Name	Tower "A"
P/N	LAT-DS-00722
S/N	A
NCR title	Side flexures out of spec
NCR description	Side flexures out of spec
cause	other (see description)

issue date	12/6/2004 3:44:46 PM
issue by	E.Rapposelli
detected during	Manufacturing
approved by	Alessandro Brez
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/327

MRB dispositions for NCR

NCR/FM/INFN/PI/327

disposition	***ID:***	1
Close the NCR		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

Annexes for NCR

NCR/FM/INFN/PI/327

NCR	NCR/FM/INFN/PI/328
NCR status	open
Classification	minor
Item Name	Tower Tracker Module Assembly
P/N	LAT-DS-00722 (rev2)
S/N	A
NCR title	instabile funcionality on layer X6 low-side GTRC
NCR description	instabile funcionality on layer X6 low-side GTRC
cause	malfunction
issue date	12/7/2004 10:50:54 AM
issue by	Luca Latronico
detected during	Test
approved by	Luca Latronico
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/328

MRB dispositions for NCR

NCR/FM/INFN/PI/328

disposition	***ID:***	1
A) proposed disposition: use as is for tower "A"		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

Annexes for NCR

NCR/FM/INFN/PI/328

NCR	NCR/FM/INFN/PI/329
NCR status	open
Classification	major
Item Name	Tower A
P/N	LAT-DS-007
S/N	A
NCR title	M2 button cap screws have not enough space in the cable notch
NCR description	M2 button cap screws have not enough space in the cable notch
cause	document error
issue date	12/7/2004 7:42:30 PM
issue by	Emilio Rapposelli
detected during	Manufacturing
approved by	Alessandro Brez
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/329

MRB dispositions for NCR

NCR/FM/INFN/PI/329

disposition	***ID:***	1
since no damage has been detected after vibration test, proposed disposition is USE AS IS for all Towers		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

Annexes for NCR

NCR/FM/INFN/PI/329

NCR	NCR/FM/INFN/PI/330
NCR status	open
Classification	major
Item Name	TowerA
P/N	LAT-DS-00722
S/N	A
NCR title	M12 screws retaining the Cable Holding Plate to Base Plate have a torque required at 115.6
NCR description	M12 screws retaining the Cable Holding Plate to Base Plate have a torque required at 115.6
cause	document error

issue date	12/7/2004 7:55:56 PM
issue by	Emilio Rapposelli
detected during	Manufacturing
approved by	Alessandro Brez
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR

NCR/FM/INFN/PI/330

MRB dispositions for NCR

NCR/FM/INFN/PI/330

disposition	***ID:***	1
A) SLAC update relevant DWG		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

Annexes for NCR

NCR/FM/INFN/PI/330

NCR	NCR/FM/INFN/PI/331
NCR status	open
Classification	major
Item Name	Tower A
P/N	LAT-DS-00722
S/N	A
NCR title	ESD Foam pads under the cable were not used because not available
NCR description	ESD Foam pads under the cable were not used because not available
cause	other (see description)

issue date	12/7/2004 8:08:12 PM
issue by	EMILIO RAPPOSELLI
detected during	Manufacturing
approved by	Alessandro Brez
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR NCR/FM/INFN/PI/331

MRB dispositions for NCR NCR/FM/INFN/PI/331

disposition	***ID:*** 1
A) SLAC update relevant DWG defining shape and materials to be used to make a space out in order to avoid demages during trasportation	
Finding	
responsible	***due date (mm/dd/yyyy)***	***closed***
Aldo Troianiello	12/16/2004	☐

Annexes for NCR NCR/FM/INFN/PI/331

NCR	NCR/FM/INFN/PI/341
NCR status	open
Classification	major
Item Name	Tower Tracker Module Assembly
P/N	LAT-DS-00722 (rev2)
S/N	A
NCR title	communication problem with TVAC TEM-TEM/PS
NCR description	communication problem with TVAC TEM-TEM/PS
cause	malfunction
issue date	12/15/2004 2:21:30 PM
issue by	Luca Baldini
detected during	Test
approved by	Aldo Troianiello
approved on	
action	Refer MRB
signature	
customer approval date	

dispositions for NCR NCR/FM/INFN/PI/341

MRB dispositions for NCR NCR/FM/INFN/PI/341

disposition	***ID:*** 1	
Proceed TVAC test with spare TEM-PS and try feeding external clock to the system with slightly different frequency and duty cycle to verify if signal propagation is better		
Finding		
responsible	***due date (mm/dd/yyyy)***	***closed***
Luca Baldini	12/14/2004	☐

Annexes for NCR NCR/FM/INFN/PI/341

annex N°	***Identification***
1	e-mail containing agreed plan to overcome problem
link	http://glast.pi.infn.it/database/scripts/newsrv/NCRAnnex/Annex1_to_NCR_FM_INFN_PI_341.eml