



***Top Workmanship Quality Issues:***

**Timeframe:** [April 2006](#)

**Snap Shots of the Month**



# Americas Top 5 Defects MTD

## April Statistics

Final Audits:	Mar	Apr
•Securing Cables	.021	.027 ↑
•Routing Cables	.000	.027 ↑
•Bat/RTN Connections	.000	.027 ↑
•Fusing	.000	.021 ↑
•Cabling (Non-Fiber)	.013	.021 ↑

In-Process Audits:	Mar	Apr
•Securing H/W	.019	.040 ↑

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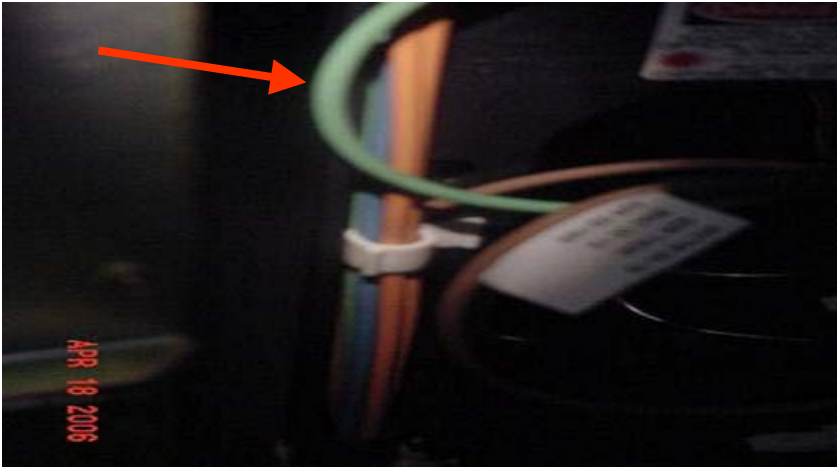
## Previous Month Top 5 Statistics

Final Audits:	Feb	Mar
•Securing H/W	.000	.025
•Fiber Optical Conn.	.010	.021
•Frame of Bay	.021	.021
•Securing Cable	.020	.021
•Cabling (Non-Fiber)	.062	.012

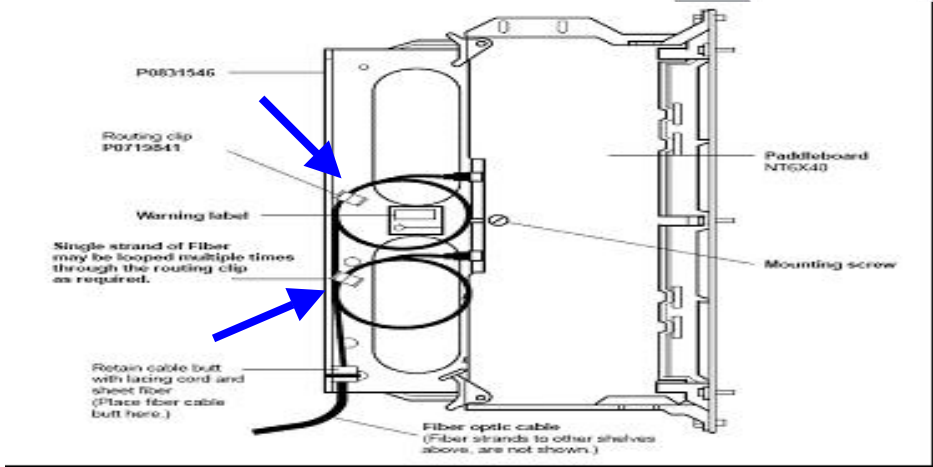
In-Process Audits:	Feb	Mar
•Securing H/W	.019	.039
•Grounding	.037	.030
•On Site Requirement	.000	.030
•Cable rack/trough	.000	.020
•Cabling (Non Fiber)	.019	.020

Note: Defect categories in *RED* represent carry-overs from the previous month.

# Americas Final Audits



**Routing Cables:** Fiber cable not secured within the routing clips



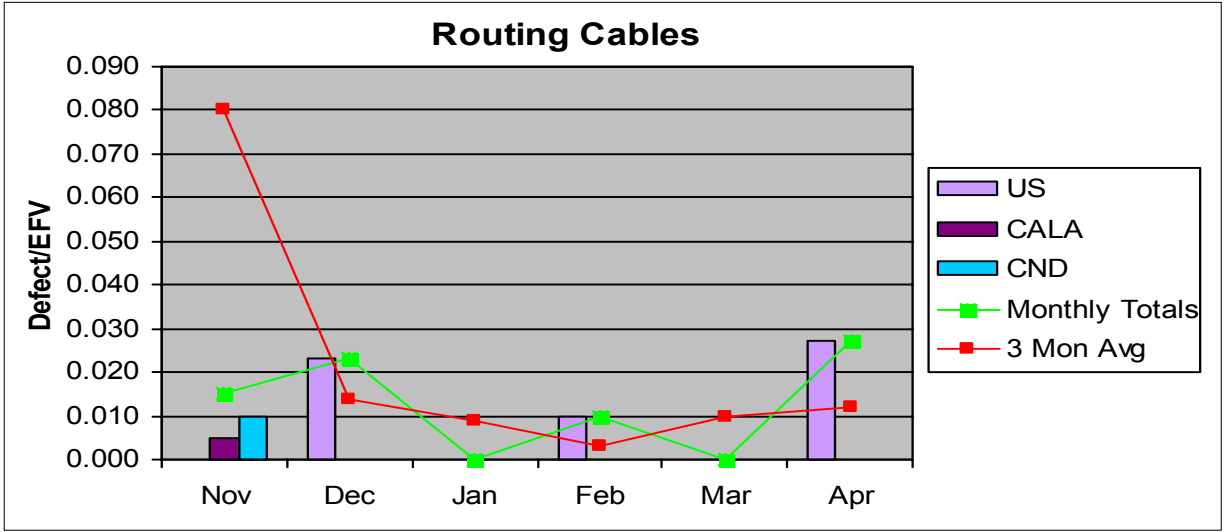
**Correct Method :** Fiber patch cords need to be secured with routing clips of the UFXPM Bracket IM 03-9059 Fig 409.

**Impact**

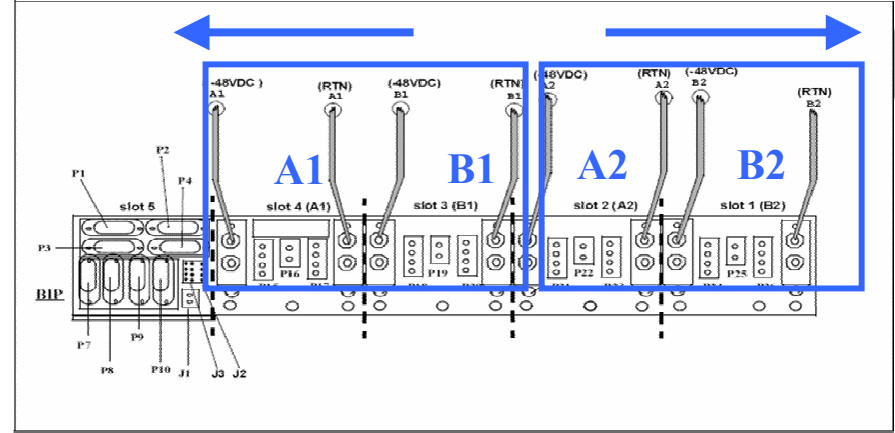
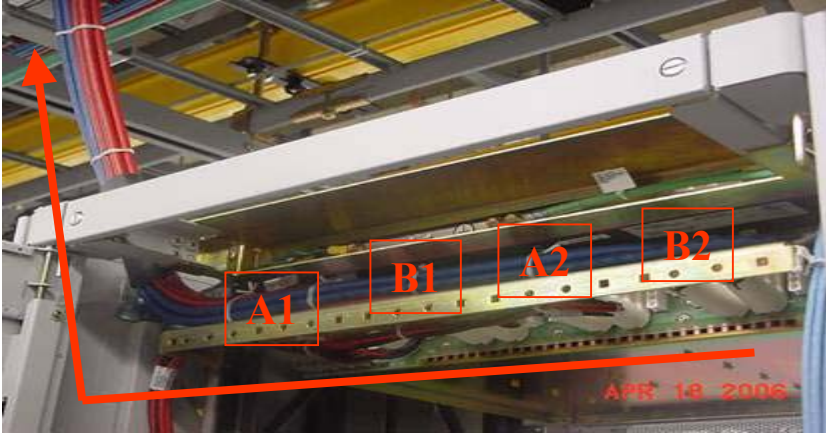
Loose or unsecured fiber patch cords may accidentally be tug or pull by an individual passing or working around the bay.

**Root Cause**

(Procedural Non-Adherence) - The Installation team was not aware or did not understand that IM requirements.



# Americas Final Audits



**Securing Cables:** A2 & B2 power cables have been incorrectly routed to the left rear of the BIP.

**Correct Method :** As per the IM08-1543 section 4.8. A1 & B1 power cables are to be into the top of the frame on the left rear. A2 & B2 power cables are to be into the top of the frame on the right rear

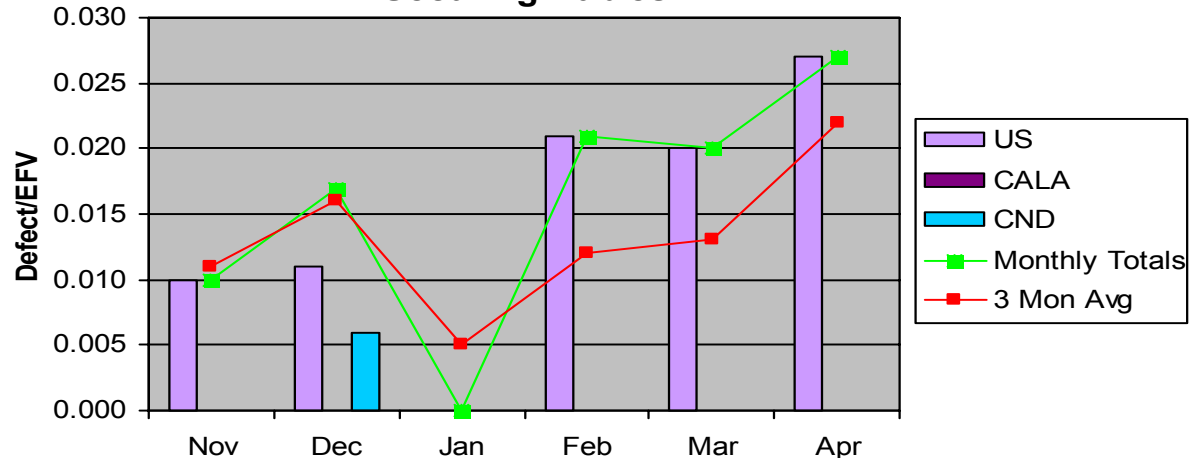
## Impact

This will lead to inconsistency and cable congestions at the top of the frame.

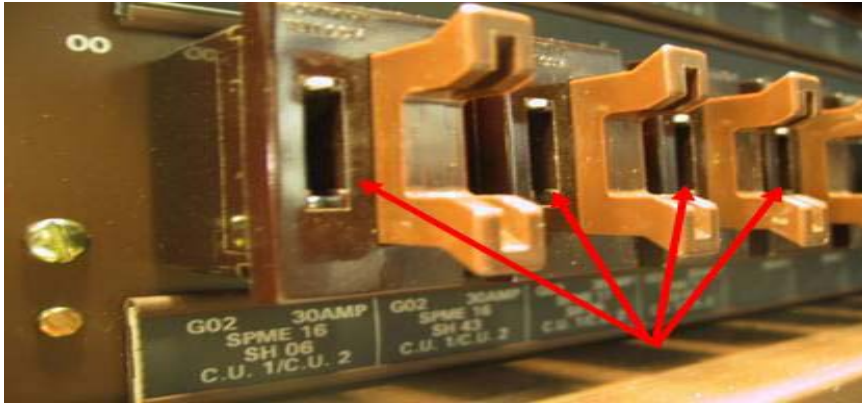
## Root Cause

(Training) – The technician was not aware that this was an IM requirement; however, proceed to install the power cables as per the previous footprint of the office.

**Securing Cables**



# Americas Final Audits



**Fusing :** Guard fuses not installed within the fuse holder.

**Correct Method:** Guard fuses are installed as per IM 22-0162, section 3.1 fig 2

## Impact

- This can result in not being able to determine which fuse cartridge may have been fused without the indication to the guard fuse indicator.

## Root Cause

Installation team did not adequately communicate or log outstanding work for the next shift team to complete the job.

