

## **Key factors that improved Data Availability at IMS RN stations**

This poster will describe key factors that led to improved Data Availability at IMS stations. Work was implemented to move away from corrective Maintenance to preventative Maintenance. Our focus was to improving station infrastructure; power, grounding, lightning protection and climate control. We strengthened Station Operator technical training's by targeting stations in need, improving training content and delivery. A targeted sparing program was implemented at the stations to provide critical spares when needed and to mitigate long lead times from shipping and procurement. Optimization of the overall sustainment was achieved by equipment standardization and improved documentation. Detectors are the key element of a Station, secure Shipping and handling procedures were implemented to reduce damage to sensitive instruments. For RN detectors we introduced vacuum evacuation to extend detector life in the field

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**Track Classification:** Theme 4. Performance Optimization