

Procedure on Centralized supervision for quick Fault Detection and Restoration.

1. Introduction:

This document has been prepared in view of the requirements called by MEGC Regulations 2020. As per MEGC guidelines 65.1 (b):

As per the Regulations 65.1 (c), STU shall prepare Procedure on “Centralized supervision for quick fault detection and restoration”.

As per Regulations 62.1, All Users of InSTS shall maintain the communication system availability at 99.9% annually and with a backup communication system, the availability of the communication system shall be 100%.

Each transmission licensee shall have a dedicated centralized NMS for communication system.

The centralized NMS for a particular communication system (OFC, VSAT, GPRS) shall have following features

2. Visibility of all Communication Nodes in single NMS:

The State of the Art NMS shall have advanced features such as availability calculations, fault report generation, centralized configuration, Provisioning, Quick Fault detection, Restoration, Analytics, and Data retention for two calendar years plus the current year for all interfaces in the network.

The major alarms and events shall automatically reported to the nodal officer of STU via SMS and email.

The duration of failure of a particular link shall also be reported to the nodal officer after restoration.



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Monthly communication availability report shall be submitted to SLDC and STU along with the real time stamped fault alarm and restoration alarm. This report shall be submitted by 10th of every month.

