

RT Communications

Business Continuity and Disaster Preparedness Plan

SECTION 2

SERVICE RESTORATION RESPONSE

I. PURPOSE

Section 2 provides a Service Restoration Response in the event of a major outage. A major outage is defined as any event resulting in a simultaneous disruption of service to ten (10) or more communications customers in an exchange area.

II. PERSONNEL

RT personnel within the following departments will be assigned duties as described in Section 2, and are responsible for assuring completion of the Service Restoration Response Process.

ALL	Includes all Personnel
ADMINISTRATION	Includes all Management Personnel
OPERATIONS	Includes all Operations & Engineering Personnel
IT/IS	Includes all Information Technology, Information Services and Internet Personnel
COMMERCIAL	Includes all Finance & Customer Service Personnel

III. RESTORATION RESPONSE AND RESPONSIBLE PERSONNEL

A. Switch Disaster (Voice Switching) - In the event of a loss of circuit switching capabilities due to a disaster or emergency, OPERATIONS shall immediately inform ADMINISTRATION and COMMERCIAL and proceed to contact the Switch Administrator at RT noted on the supplies and contractors list here to attached as Exhibit A, the cause of the outage and coordinate restoration efforts. Both ADMINISTRATION and COMMERCIAL shall be informed upon successful restoration of the Circuit Switch.

B. Trunking and Interconnection Disaster (Transmission Systems) - In the event of a loss of trunking and interconnection services related to a SONET Systems failure caused by a Disaster or emergency, OPERATIONS shall immediately inform COMMERCIAL and proceed to coordinate efforts with the Affiliated Companies listed in attached Exhibit B, to determine the cause of the outage, and take actions as outlined in the "Fiber Optic Network Affiliate Agreement,

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Attachment B – Operations and Maintenance”. COMMERCIAL shall be informed upon successful restoration of the SONET System.

- C. Trunking and Interconnection Disaster (Cable Systems)** – In the event of a loss of trunking and interconnection services related to a cable systems failure caused by a disaster or emergency, OPERATIONS shall immediately inform COMMERCIAL and proceed to coordinate efforts with the affiliated companies listed in Exhibit C, hereto attached, as defined in the Fiber Facilities Operation and Maintenance Agreement to determine the cause and location of the outage, and take subsequent restoration actions as defined in the Fiber Facilities Restoration Plan. COMMERCIAL shall be informed upon successful restoration of the cable system.
- D. Commercial AC Power Disaster** - In the event of a loss of Commercial Alternating Current (AC) power caused by a disaster or emergency, OPERATIONS shall immediately confirm the functionality of emergency standby generator systems and then inform ADMINISTRATION of the situation, proceeding to contact the appropriate utility company as identified in the Suppliers & Contractors list, as attached as Exhibit B, to determine the cause of the outage. If Commercial power cannot be restored within a reasonable time, emergency standby generator systems shall be monitored regularly to assure continued power to the DC power systems and backup batteries.
- E. DC Power Systems and Backup Battery Disaster** - In the event of a loss of Direct Current (DC) power systems caused by a disaster or emergency, OPERATIONS shall immediately coordinate efforts to determine the cause of the outage. If DC power cannot be restored due to rectifier failure or destruction, OPERATIONS shall contact Thermobond Buildings as noted in the Suppliers & Contractors List attached as Exhibit B to coordinate restoration, repair or replacement with the power equipment vendor.
- F. Off-Net Private Line and Special Circuits Disaster** - In the event of a loss of Private Line and Special Circuits provided by an off-net carrier due to a disaster or emergency, OPERATIONS shall immediately contact the off-net carrier to determine the cause of the outage. Upon determining the cause of the outage and the estimated restoral time, OPERATIONS shall inform COMMERCIAL of the circumstances. COMMERCIAL will relay the appropriate information to the customer or end user.

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- G. Long Distance Service Disaster** - In the event of a loss of Long Distance service as a result of a disaster or emergency, RT shall immediately contact ACT, Vision Net, and/or Centurylink as noted in the attached Suppliers & Contractors List to report such outage and to coordinate restoration or repair.
- H. Internet Service Disaster** - In the event of a loss of Email or web service access due to a disaster or emergency, RT shall immediately contact ACT and/or Vision Net as noted on the Supplies & Contractors List as Exhibit B, to assist in identifying the cause of the loss of Email or Web service and inform COMMERCIAL of the outage and approximate time to restore service. COMMERCIAL will relay the appropriate information to the customer or end user.
- I. Digital Subscriber Line Access Multiplexer (DSLAM) and Digital Loop Carrier Systems (DLC) Disaster** – In the event of a loss of DSL and/or voice services relating to a DSLAM or DLC Disaster or emergency, OPERATIONS shall immediately work to determine the cause of the outage. If determined necessary OPERATIONS shall contact the appropriate vendor as noted on the Supplies & Contractors List, Exhibit B, to repair or replace the damaged equipment, and inform COMMERCIAL of the outage and approximate time to repair. COMMERCIAL will notify the customer or end user.
- J. Operations Support Systems (OSS)** – In the event of a loss of Operations Support Systems relating to a disaster or emergency, IT shall be immediately contacted to determine the cause of the outage. COMMERCIAL and ADMINISTRATION shall be informed of the outage and coordinate with the IT Coordinator to determine how long it will take to repair or replace the damaged OSS equipment or Wide Area Network (WAN) connectivity.