Circuit ID Format Tutorial

This tutorial indicates the four types of Circuit IDs involved in various components of the CEMR application. Please follow the illustrated formats.

Serial Number Format

24/HCGS/123456/789/MS/1

■ → Prefix

■ →Service Code and Modifier

■ → Serial Number

■ → Suffix

■ → CO Code

■ → Segment

Telephone Number Format

54/UDNV/202/111/5555/99/1

■ → Prefix

■ → Service Code and Modifier

■ → NPA

■ → NXX

■ → Line

■ → Extension

___ → Segment

Carrier Facility Format

898/**T1**/**AURICO10XXX**/**DNRRCOOUXXX**

▨ → Channel Group Number

▨ → Facility Type

▨ → A Location CLLI Code

▨ → Z Location CLLI Code

Message Trunk Format

26/**AB5-KEJWD-222**/**DNRRCO20GC1**/**M-**/**DNRRCOZA6DM**

▨ → Trunk Number

▨ → Traffic Class – Office Class – Traffic Use Code

▨ → A Location CLLI Code

▨ → Pulse and Direction

▨ → Z Location CLLI Code

Serial Number Format	Telephone Number Format
Prefix: 1-2 alphanumeric characters. This is an optional field **Service Code & Modifier:** 2-4 alphabetic characters (usually 4). This is a required field. **Serial Number:** 1-6 digits. This is a required field. **Suffix:** 3 character suffix to the serial number may be required (rarely used). **CO (Company) Code:** 2-4 alphabetic characters (usually NW, MS, or PN). This is a required field.	**Prefix:** Alphanumeric characters. Required if it exists (not all telephone number circuits have a prefix) **Service Code & Modifier:** 2-4 alphabetic characters (usually 4); This is a required field when specifying a non-DSL telephone numbered circuit. **NPA:** 3 digits. This is a required field **NXX:** 3 digits. This is a required field **Line:** 4 digits. This is a required field **Extension:** 1-5 alphanumeric characters. This is an

Segment: 1-3 alphanumeric characters. Optional for non-multi-point circuits. Multi-point segments map to Circuit End Location, e.g. CLK1 = A, CLK2 = B. Note that A Billing Telephone Number (BTN) cannot be used for opening a Trouble Report. The Serial Number Circuit Format must be used.	optional field. **Segment:** 1-3 alphanumeric characters. This is an optional field. Rarely used. Note that for states: AZ, CO, ID, MT, NM, UT, WY, alphas are not accepted; convert D1 to 0001, D2 to 0002, etc.
Carrier Facility Format **Channel Group Number:** 1-5 alphanumeric characters. This is a required field. **Facility Type:** 1-6 alphanumeric characters. This is a required field. Examples: T1, T1F, T1U, T1UZF, T1Z, T1ZF, T3. **"A" CLLI Code:** 8 or 11 alphanumeric characters. This is a required field. **"Z" CLLI Code:** 8 or 11 alphanumeric characters. This is a required field. Note that all 4 of the above components are required	**Message Trunk Format** **Trunk Number**: 1 – 4 alphanumeric characters. This is a required field. **Traffic Class**: 1 -2 alphanumeric characters. This is a required field. A hyphen may be allowed. **Office Class:** 1 – 2 alphanumeric characters. This is a required field. A hyphen may be allowed. Note that a separator is not used between the Traffic Class and Office Class **Traffic Use Code:** 2 alphanumeric characters. This is a required field. A hyphen may be allowed. No separator between Office class and Traffic Use Code. **Traffic Modifier:** 1 – 7 alphanumeric characters. This is an optional field. No separator between Traffic Use Code and Traffic Modifier. **"A" CLLI Code:** 8 or 11 alphanumeric characters. This is a required field. **"Z" CLLI Code:** 8 or 11 alphanumeric characters. This is a required field.