



# Statewide Interoperability Radio Network (SIRN)

## Standards, Protocols, Procedures



Document Section	<b>Configuration and Allocation</b>	<b>Status: Complete</b> Date: 08/26/19
State Standard Number	<b>2.10.0</b>	
Standard Title	<b>No Telephone Interconnect</b>	
Date Established	<b>08/26/19</b>	<b>SIEC Approval: 08/26/19</b>
Replaces Document Dated	<b>NA</b>	
Date Revised/Reviewed	<b>NA</b>	

### **1. Purpose or Objective**

The purpose of this standard is to manage the use of the telephone interconnect feature on the system. Although this is a useful feature, it must be managed to an appropriate level to protect the primary radio communications purpose of the SIRN system.

### **2. Technical Background**

#### **▪ Capabilities**

Telephone interconnect calls could be placed to individual users of the system if the subscriber radios are configured for telephone interconnect functionality.

**Telephone interconnect was intended to be a BACKUP to cellular communications and used primarily on an emergency basis.**

#### **▪ Constraints**

- A telephone interconnect call would consume a radio frequency (RF) channel for the duration of the call.
- Telephone interconnect calls are simplex; only one user on the call can talk at a time.
- Certain radio models may be unable to initiate a telephone interconnect call.
- Certain radio models can only place telephone interconnect calls to numbers that are pre-programmed into a list in the radio.
- Some radio models with a display and full keypad can place a telephone interconnect call by dialing the number directly.

### **Operational Context**

Due to the risk of cutting off emergency/life safety communications due to high bandwidth consumption and the increased availability of cell phone coverage and future technical cell phone bandwidth integration into the SIRN system, this telephone interconnect feature is not recommended to be activated.



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Recommended Protocol/ Standard

Telephone interconnect usage shall not be activated on the North Dakota SIRN system-