



# *Communicating with the Coast Guard on Oneida Lake*

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# Digital Selective Calling (DSC)

- Requires VHF Marine Radio
- Marine Mobile Service Identity #  
(MMSI)

This is the core part of the  
Global Marine Safety Distress System  
(GMDSS)

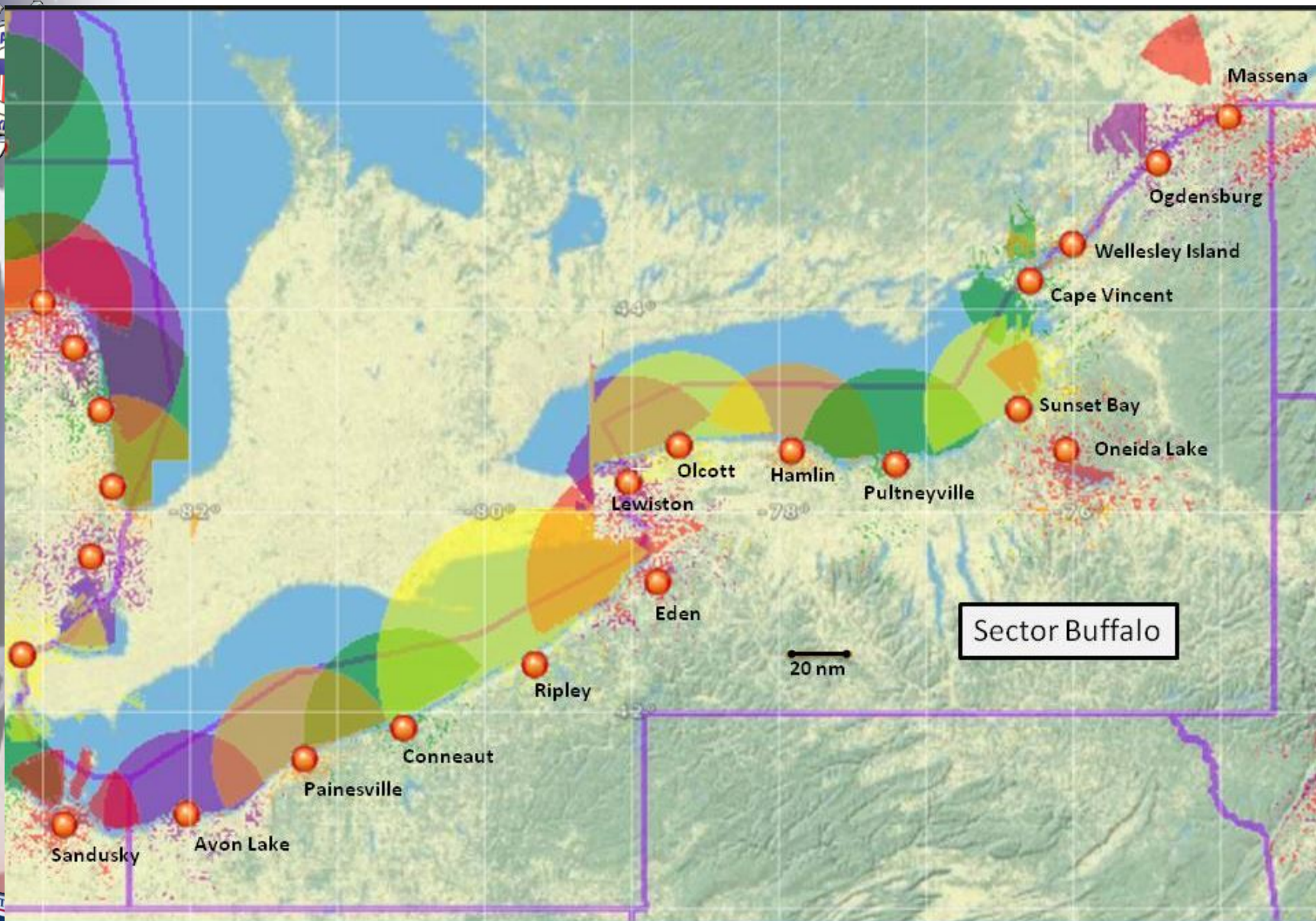




# *Rescue 21 System*

**Requires Marine Radio**





Rescue21 Regional coverage analysis of VHF receive antenna based on geographical line-of-sight.

System requirement: At least 20 nm offshore for a 1 watt VHF-FM Ch 16 signal transmitted from two meters above water surface.







## *VHF Channels*

**Channel 16** "International Distress, Safety and Calling" Ships required to carry radio, USCG, and most coast stations maintain a listening watch on this channel!

**Channel 21A** "Coast Guard Operating Channel"

**Channel 22A** "Coast Guard Liaison and Maritime Safety Information Broadcasts"  
"Broadcasts announced on channel 16"

**Channels 84 to 87** "Public Correspondence"





# Coast Guard App Dashboard





## ***The Coast Guard App on your phone***

The USCG Boating Safety App features include:

- Find the latest safety regulations
- Request a vessel safety check
- Check your safety equipment
- File a float plan
- Navigation Rules
- Find the nearest NOAA buoy
- Report a hazard
- Report pollution
- Report suspicious activity
- Request emergency assistance





# *Questions?*

