# NEW RADIO REVIEW

VRS AND DVRS AND REPEATERS, OH MY!

# THE MAIN RADIO



VOLUME KNOB

LCD SCREEN

CHANNEL KNOB

POWER

EMERGENCY BUTTON

LED LIGHTS

BACKLIGHT BUTTON

VR OFF VR01
AD-LONCITY 1
ID: 742969
Zone | MS1 | MS2 | MS3 | MS4

HOME BUTTON

REPEATER

MEMORY SELECT BUTTONS

ZONE
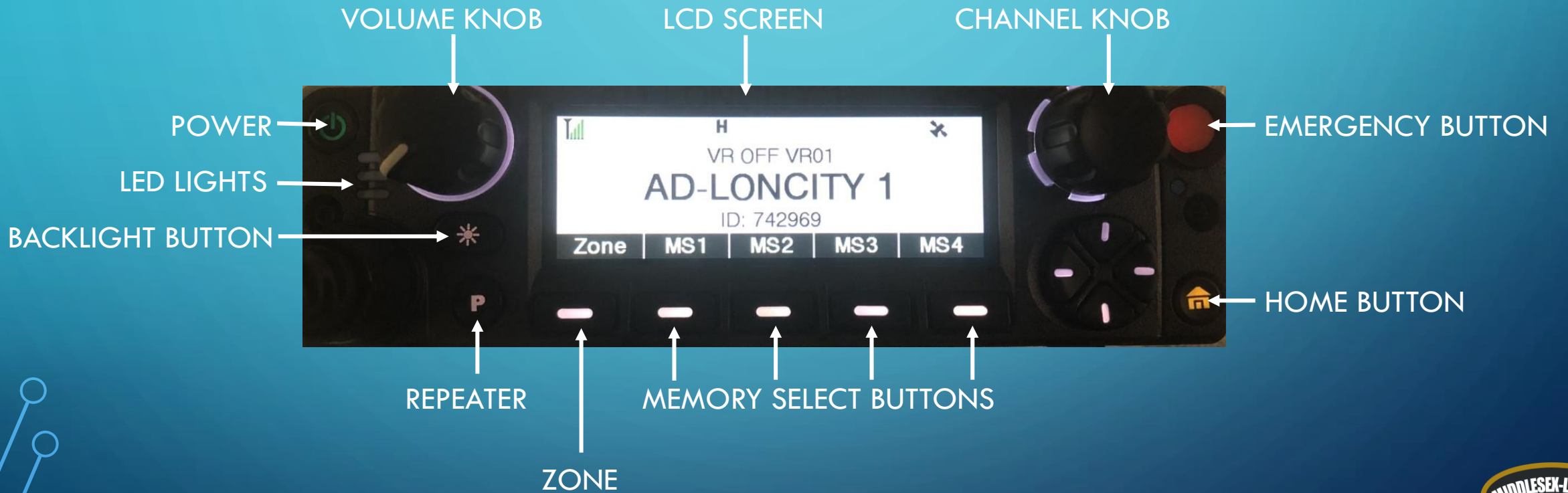
# THE MAIN RADIO

POWER →



PUSHING THE POWER ON/OFF WILL TURN ON/OFF
BOTH THE FRONT AND BACK RADIOS

# THE MAIN RADIO



LED LIGHTS →

Display showing:
VR OFF VR01
**AD-LONCITY 1**
ID: 742969
Zone | MS1 | MS2 | MS3 | MS4

FLASHING RED = RADIO FAILED

SOLID RED = YOU ARE TRANSMITTING

FLASHING YELLOW = RECEIVING A TRANSMISSION

SOLID YELLOW = CHANNEL IS BUSY

GREEN = RADIO POWERED UP PROPERLY

# THE MAIN RADIO

VOLUME KNOB



THE MINIMUM VOLUME IS 20%

# THE MAIN RADIO

ZONE     CHANNEL



**A**D = ADVANCED DEPLOYMENT = **A**NALOG

AD-LON = ANALOG LONDON CACC ZONE *CURRENT

LON = DIGITAL LONDON CACC ZONE

# THE MAIN RADIO



ZONE ARE LISTED GEOGRAPHICALLY

ALL THE ANALOG ZONES (AD) ARE TOGETHER

ALL THE DIGITAL ZONES ARE TOGETHER

ZONE

# THE MAIN RADIO

CHANNEL KNOB



ROTATING THE CHANNEL KNOB WILL CHANGE THE CHANNELS (TALKGROUPS) IN THE ZONE FOLDER (E.G., AD-LONCITY 1, AD-LONWEST, AD-LONTAC1, ETC.)

# THE MAIN RADIO



MEMORY SELECT BUTTONS

EASILY PROGRAMMED TO FAVOURITE CHANNELS OR SET UP CHANNELS FOR TRANSFERS

FIND THE ZONE & CHANNEL YOU WANT, THEN HOLD DOWN MS BUTTON UNTIL BEEP IS HEARD

# THE MAIN RADIO



BACKLIGHT BUTTON →

HOLD DOWN TO SWITCH BETWEEN DAY AND NIGHT MODE

SHORT PRESSES WILL DIM SCREEN (IT CAN DIM RIGHT OFF)

# THE MAIN RADIO

TO CLEAR ALARM
"LONDON, (TRUCK NO.) 10-2000 ALPHA-CHARLIE, DELTA/ECHO"



EMERGENCY BUTTON

PUSH TO ACTIVATE EMERGENCY ALARM

SCREEN WILL FLASH ORANGE

DISPATCH WILL ACKNOWLEDGE ALARM BY SAYING,
"ALL UNITS 10-3, (YOUR TRUCK NO.) 10-4"

# THE MAIN RADIO



HOME BUTTON

LONG HOLD = PCOM

SHORT PRESS = BACK BUTTON

# THE MAIN RADIO

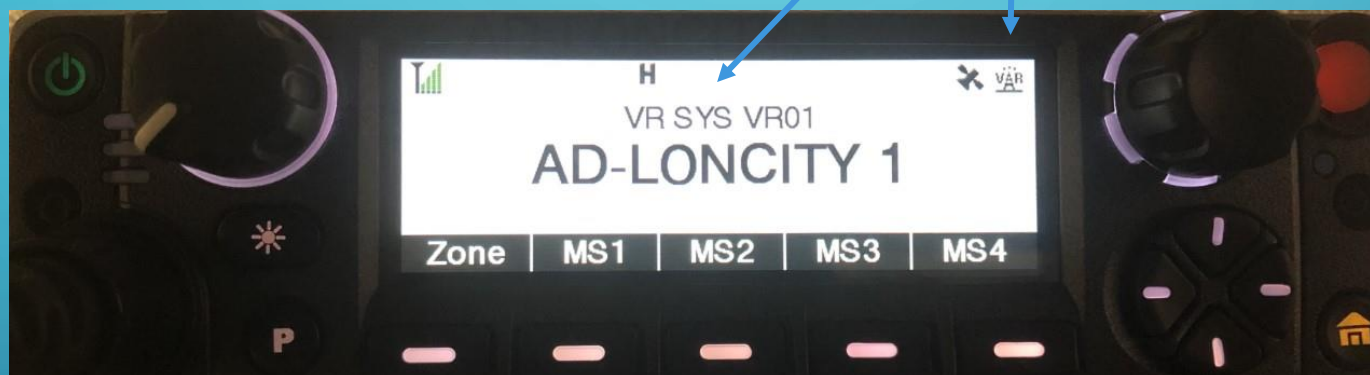REMEMBER: THE VR SHOULD BE OFF WHEN YOU ARE MOBILE!



REPEATER

P = PORTABLES, PARK, RE**P**EATER

SHORT PUSHES TURNS VEHICLE REPEATER ON (SYS) AND OFF

# THE MAIN RADIO

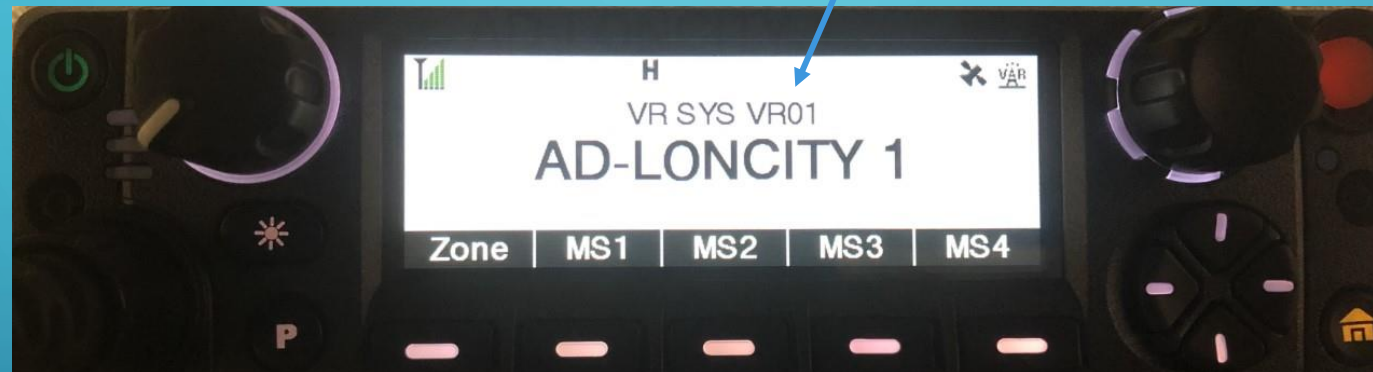WHEN VEHICLE REPEATER IS ON PORTABLES WILL WORK



REPEATER

P = PORTABLES, PARK, RE**P**EATER

SHORT PUSHES TURNS VEHICLE REPEATER ON (SYS) AND OFF

# THE MAIN RADIO

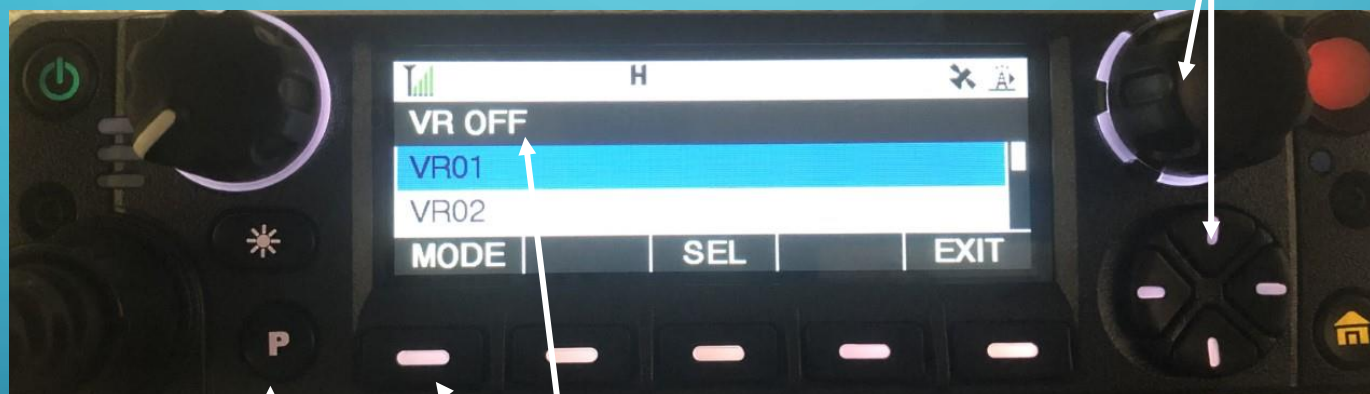VEHICLE REPEATER CHANNEL
MLPS IS ASSIGNED VR01



REPEATER

TO CHANGE ANYTHING WITH THE REPEATER
HOLD DOWN THE "P" BUTTON

# THE MAIN RADIO

SCROLL UP AND DOWN TO FIND VR CHANNEL AND PUSH "SEL" ONCE DESIRED CHANNEL IS HIGHLIGHTED

THIS SCREEN WILL TIME OUT AND ADOPT ANY SETTINGS YOU HAVE HIGHLIGHTED

REPEATER

TO PUT RADIO IN LOCAL MODE:
PUSH THE MODE BUTTON UNTIL VR LOCAL IS SEEN IN TOP LINE
(IT WILL CYCLE BETWEEN VR OFF, VR SYSTEMS AND VR LOCAL)
THEN PUSH "SEL" TO SELECT

# THE MAIN RADIO

VEHICLE REPEATER IS IN LOCAL MODE



LOCAL MODE ENABLES USERS TO TALK
**PORTABLE TO PORTABLE**
WITHOUT OTHERS HEARING TRANSMISSIONS, BUT USERS
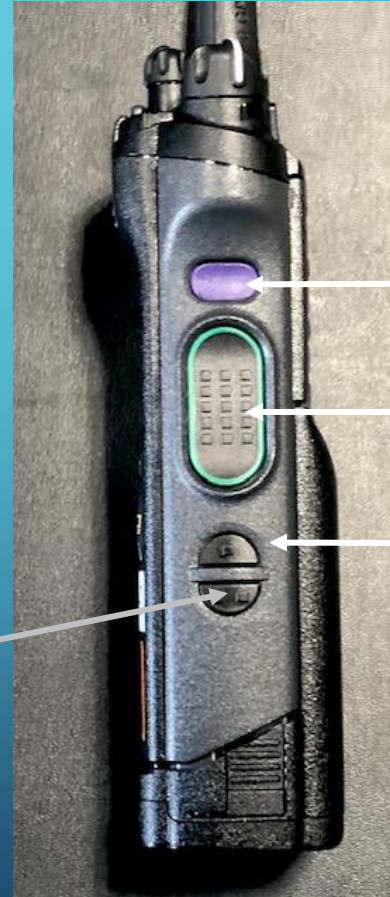CAN STILL RECEIVE TRANSMISISONS

# PORTABLE RADIO



ON/OFF
AND VOLUME
KNOB

EMERGENCY
BUTTON

CHANNEL KNOB

DISABLED

REPEATER ACTIVATION
BUTTON

PUSH TO TALK

KEYPAD LOCK BUTTON

VR01

# PORTABLE RADIO

EACH PORTABLE IS ASSIGNED AN ALIAS NAME, SPECIFIC TO THE TRUCK IT BELONGS TO (E.G., 1181A)

DISPATCH WILL SEE THIS NAME WHEN AN EMERGENCY BUTTON IS PRESSED



ON/OFF AND VOLUME KNOB

MIN. VOLUME IS 20%

EMERGENCY BUTTONS

QUIET/LOUD VOLUME FOR LAPEL MIC

# PORTABLE RADIO

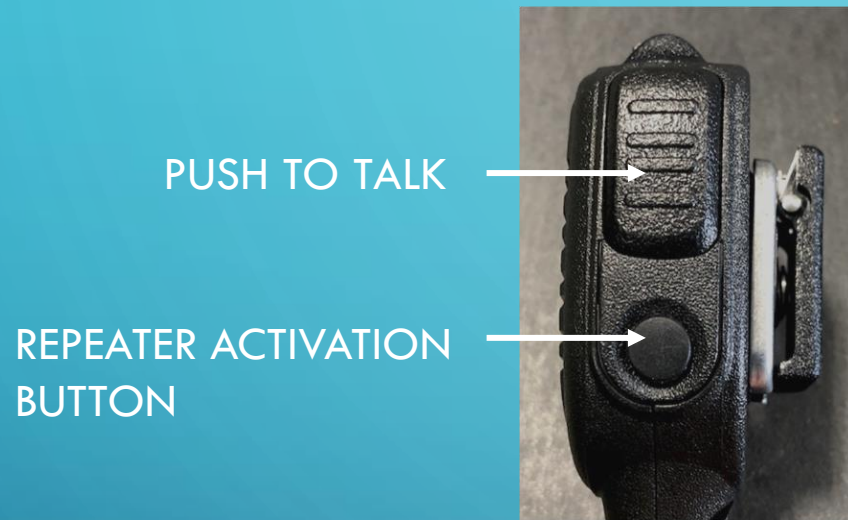VR CHANNEL MUST MATCH VR CHANNEL SET ON MAIN RADIO



"OOR" WILL DISPLAY ON SCREEN WHEN YOU ARE NOT CONNECTED TO A REPEATER

CHANNEL KNOB

# PORTABLE RADIO



PUSH TO TALK

REPEATER ACTIVATION BUTTON

REPEATER ACTIVATION BUTTON

PUSH TO TALK

USE THE REPEATER ACTIVATION BUTTONS TO **REMOTELY TURN THE VEHICLE REPEATER ON** (WILL NOT TURN THE REPEATER OFF)

THIS BUTTON CAN ALSO BE USED TO TURN THE MAIN RADIO FROM LOC TO SYS

MIDDLESEX-LONDON
PARAMEDIC SERVICE

# PORTABLE RADIO

HOLD DOWN THE KEYPAD LOCK TO LOCK ALL BUTTONS ON THE FRONT OF THE PORTABLE

THE BUTTONS ON TOP AND SIDE OF PORTABLE WILL STILL FUNCTION (E.G., EMERGENCY ALARM, REPEATER ACTIVATION, CHANNEL KNOB, PTT AND VOLUME)
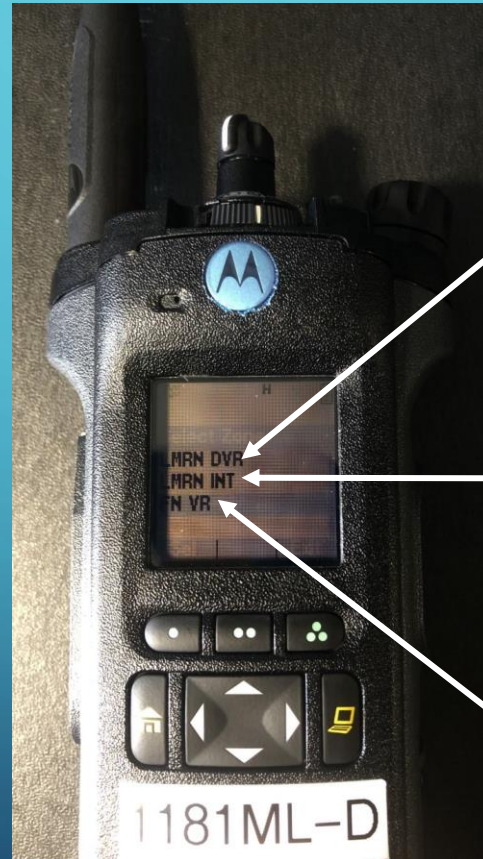


KEYPAD LOCK BUTTON

# PORTABLE RADIO



PROFILES

ZONES

BATTERY

USE ARROWS TO GET TO ADDITONAL MENU ITEMS

DISABLED

# PORTABLE RADIO



ZONES

IF YOU ARE IN A DIGITAL CACC ZONE, SET PORTABLE TO DVR (DIGITAL VEHICLE REPEATER)
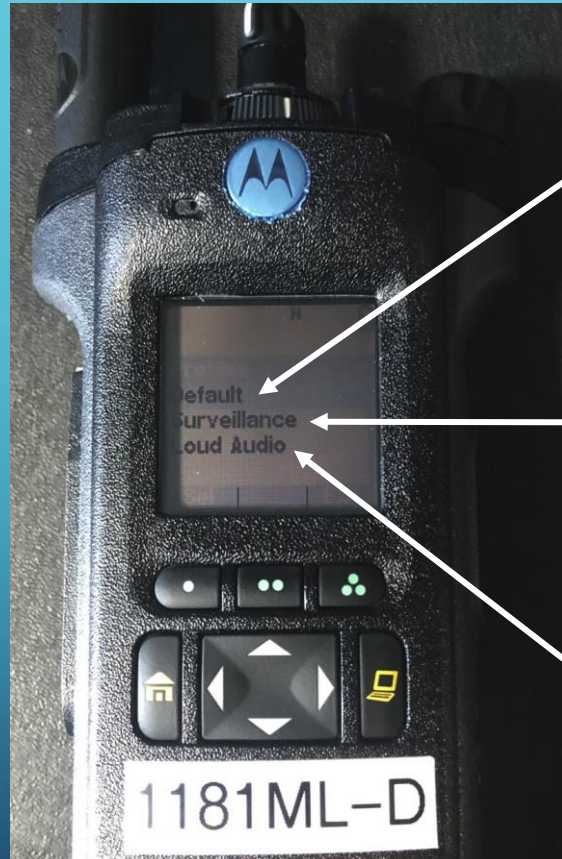
INT = INTEROPERABILTY

IF YOU ARE IN AN ANALOG CACC ZONE, SET PORTABLE TO VR

# PORTABLE RADIO

PROFILES

DEFAULT PROFILE

SURVEILLANCE – SCREENS WILL NOT LIGHT UP, NO BEEPING SOUNDS, VOLUME CAN BE TRUE ZERO

LOUD AUDIO – FILTERS OUT BACKGROUND NOISE AT YOUR LOCATION (E.G., CONCERT)

# PORTABLE RADIO



INDICATES BATTERY CHARGE

BATTERY

# PORTABLE RADIO



LOCATION

GPS IS FUNCTIONING IF SATELLITE IMAGE IS SOLID

GPS COORDINATES

REFRESHES THE GPS COORDINATES

*GPS COORDINATES ARE NOT FORWARDED TO CACC. THEY HAVE ACETECH TO IDENTIFY TRUCK LOCATIONS

# PORTABLE LEVEL COVERAGE (PLC) SITES

PLACES LIKE WINDSOR TUNNEL, TORONTO/YORK SUBWAY, WASAGA BEACH AND SOME HOSPITALS HAVE REPEATERS

CLOSEST SITE TO US IS ST. THOMAS ELGIN GENERAL HOSPITAL

TURN VR CHANNEL TO 7

NO NEED TO TURN ON VEHICLE REPEATER

# TALK AROUND MODE (WALKIE TALKIES)

WHEN BOTH PORTABLES ARE OUT OF RANGE

(OOR) OF A REPEATER

AND

IN RANGE OF EACH OTHER (WITHIN 2KM)

AND

ON SAME VR CHANNEL



THERE IS A DELAY BEFORE YOU CAN TALK, WAIT FOR LOW BONK SOUND FOLLOWED BY CHIRPS
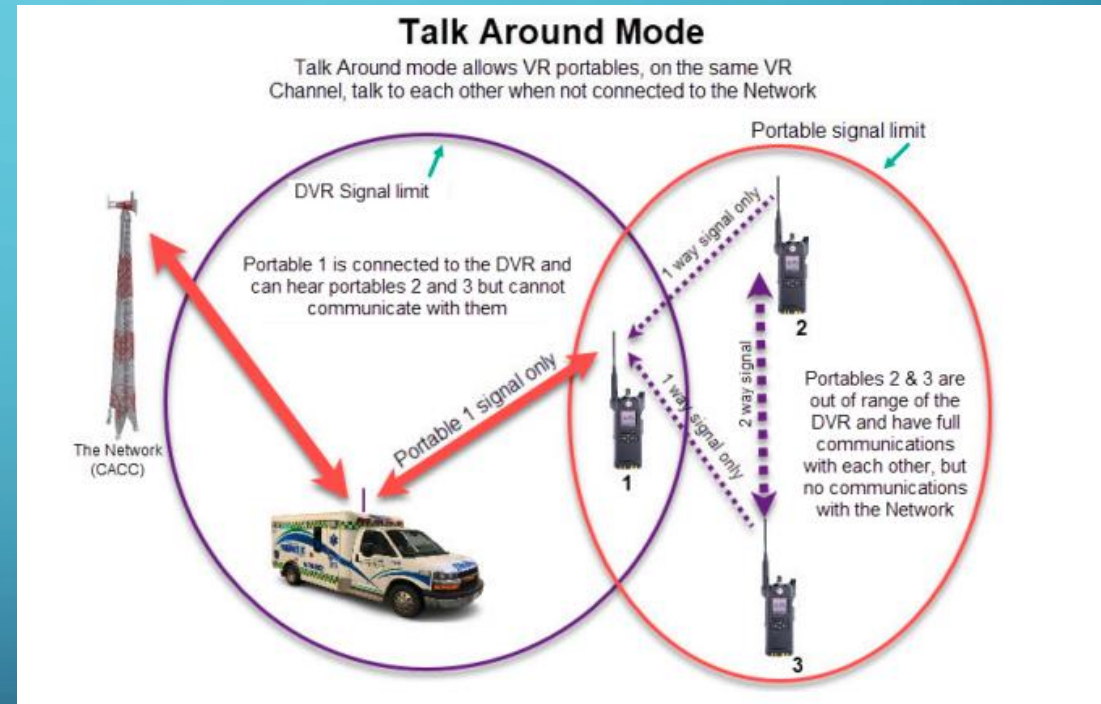
# TALK AROUND MODE CONT'D

IF ONE OF THE PORTABLES GETS IN RANGE OF A REPEATER:

THAT PORTABLE CAN HAVE TWO WAY COMMUNICATION WITH DISPATCH AND CAN HEAR THE OTHER PORTABLE THAT IS STILL OUT OF RANGE

BUT THEY CAN NOT TALK TO THE OTHER PORTABLE



**Talk Around Mode**

Talk Around mode allows VR portables, on the same VR Channel, talk to each other when not connected to the Network

DVR Signal limit

Portable signal limit

Portable 1 is connected to the DVR and can hear portables 2 and 3 but cannot communicate with them

Portable 1 signal only

1 way signal only

2 way signal

1 way signal only

The Network (CACC)

Portables 2 & 3 are out of range of the DVR and have full communications with each other, but no communications with the Network

# FOR MORE INFORMATION

LOG ONTO THE PARAMEDIC PORTAL OF ONTARIO AND LOOK FOR THE OPERATING MANUAL IN THE MOH RADIO TRAINING MODULE

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