



# inReach Training



# InReach Functions & SSAR Use

InReach devices have GPS tracking and navigation functions, but **the primary use in SSAR will be as a communication device.**

InReaches can send “text messages” to other InReach devices, cell phones, and email addresses via a satellite network.

For SSAR, InReaches are carried as a **backup for our primary communication strategies** of radio and cell phones and can be used in the case of their failure.

This presentation goes through tracking, navigation, and communication functions for InReaches so you are familiar with its major functions, but **the communication function is the most important and relevant function to learn how to use.**



# GENERAL USE



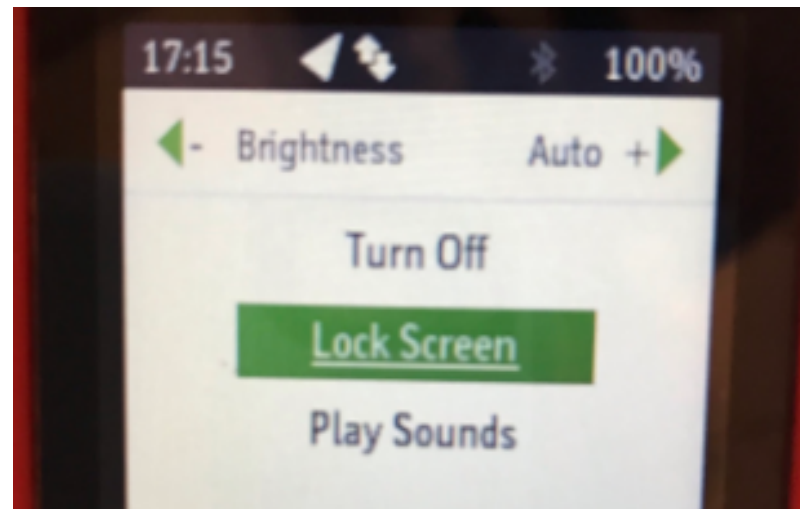
# POWER BUTTON

Press **Power Button**  
to turn on device



Pressing the power button while the device is on will open this screen where you can:

- adjust brightness
- lock screen (no inadvertent button presses)
- play/mute sounds
- turn off the device










# CHARGING

MicroUSB port

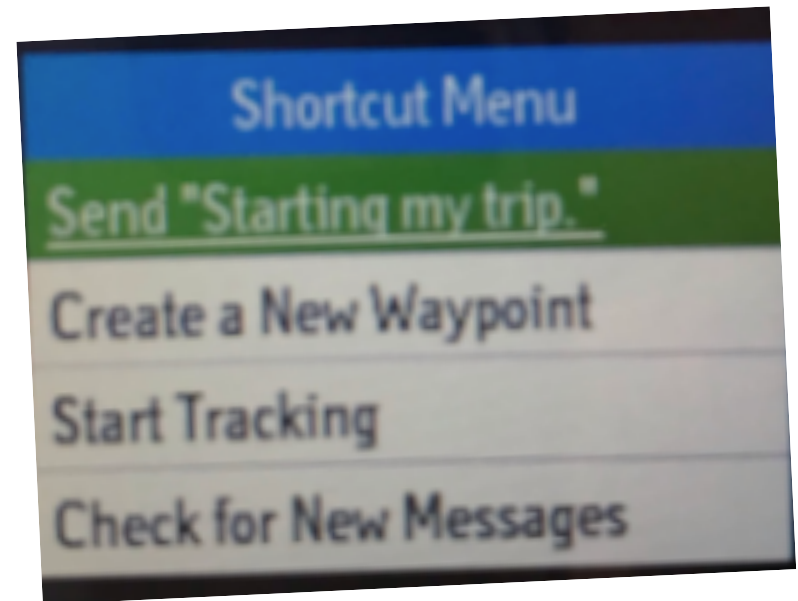
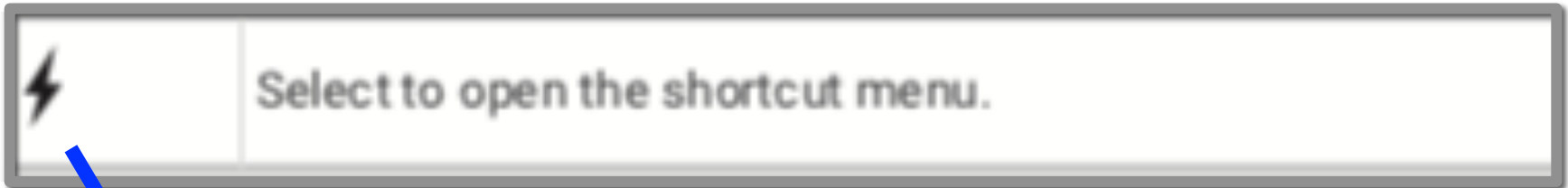


# KEY LEGEND

	Select to cancel or return to the previous page.
	Select to open the shortcut menu.
	Select to zoom out on the map.
	Select to zoom in on the map.
	Select to open the menu for the current page. Select twice to open the home page.
	Select to choose an option or to acknowledge a message.
	Select to view menu options or to move the map cursor.



# SHORTCUT MENU



# STATUS LED













## Status LED

LED Activity	Status
Flashing green	You have an unread message.
Flashing red	The device does not have a clear view of the sky.
	The device is below 10% battery power.
Alternating red and green	The device is in SOS mode.
Alternating red and green rapidly	The device is canceling an SOS rescue.

# STATUS ICONS

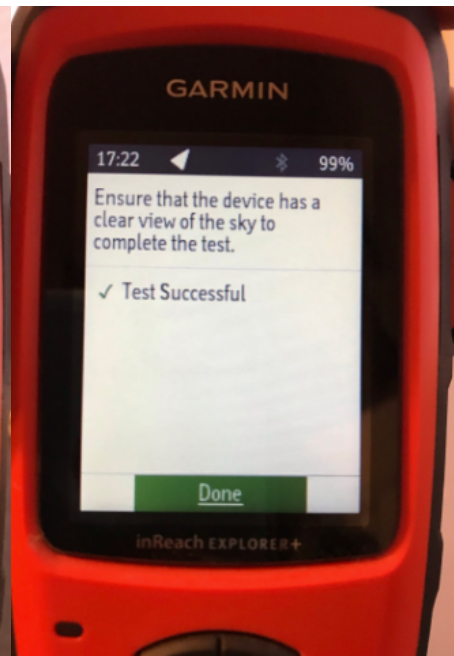
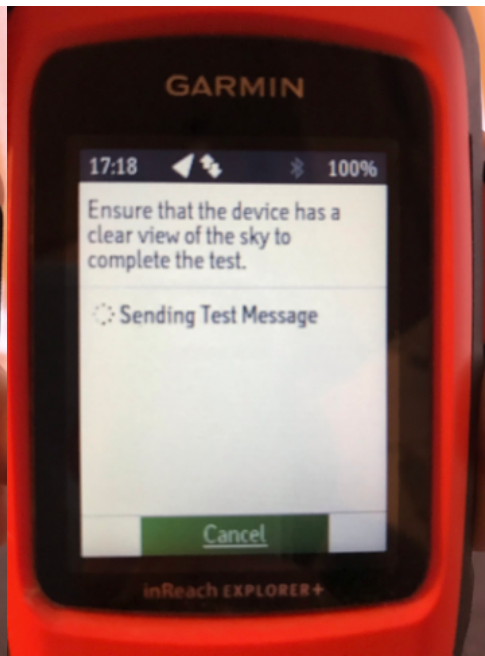
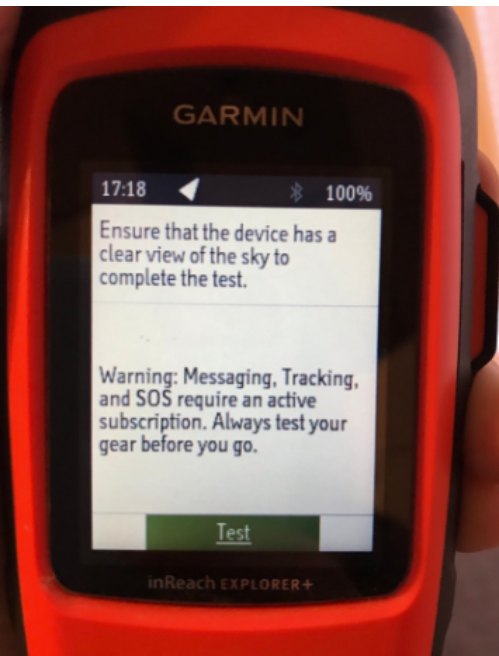
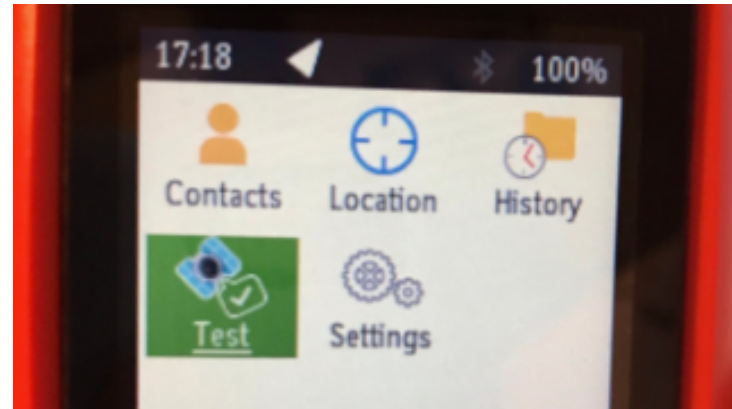
## Status Icons

	3D GPS signal acquired
	2D GPS signal acquired
	Searching for GPS signal
	Sending and receiving data
	Unable to send and receive data
	Unread messages
	Tracking enabled
	Bluetooth® technology status
	Charging battery
	Charging complete

# TESTING



Navigate to main menu  
(may be on second page)



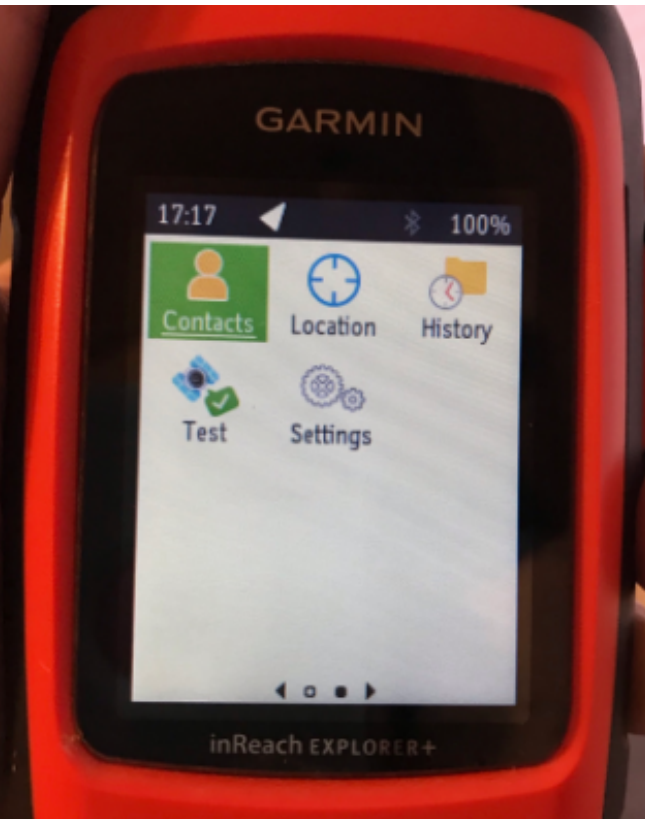


# COMMUNICATION

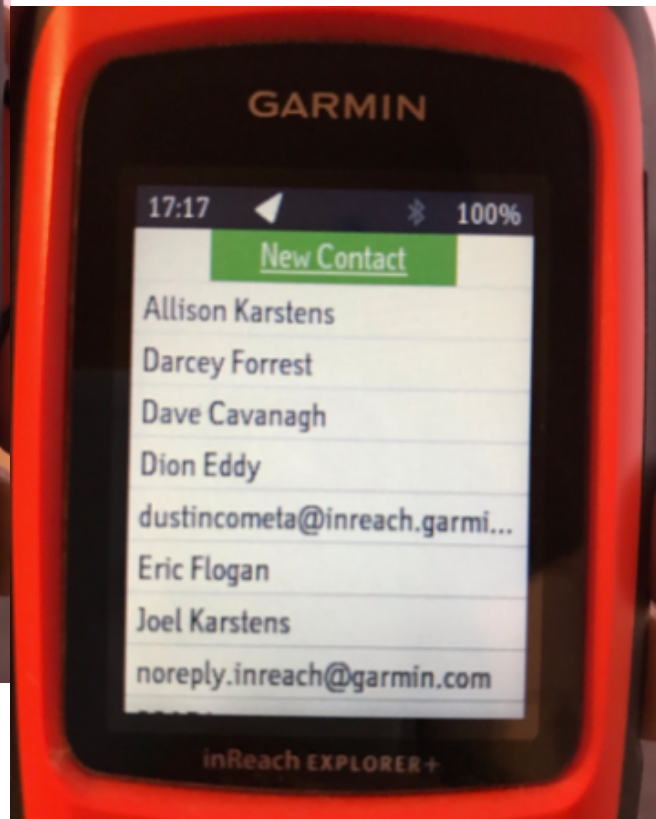


# ADDING CONTACTS

Main Menu → Contacts



New Contact



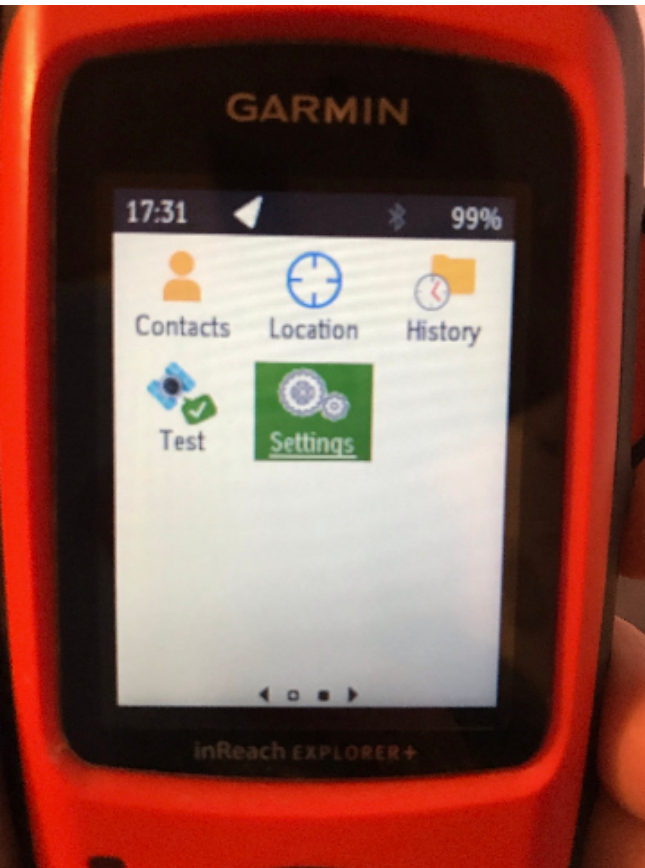
Enter Info



\*to send to other inReach devices, use "inReach Address"

# FINDING YOUR inReach ADDRESS

Main Menu → Settings



“About This Device”

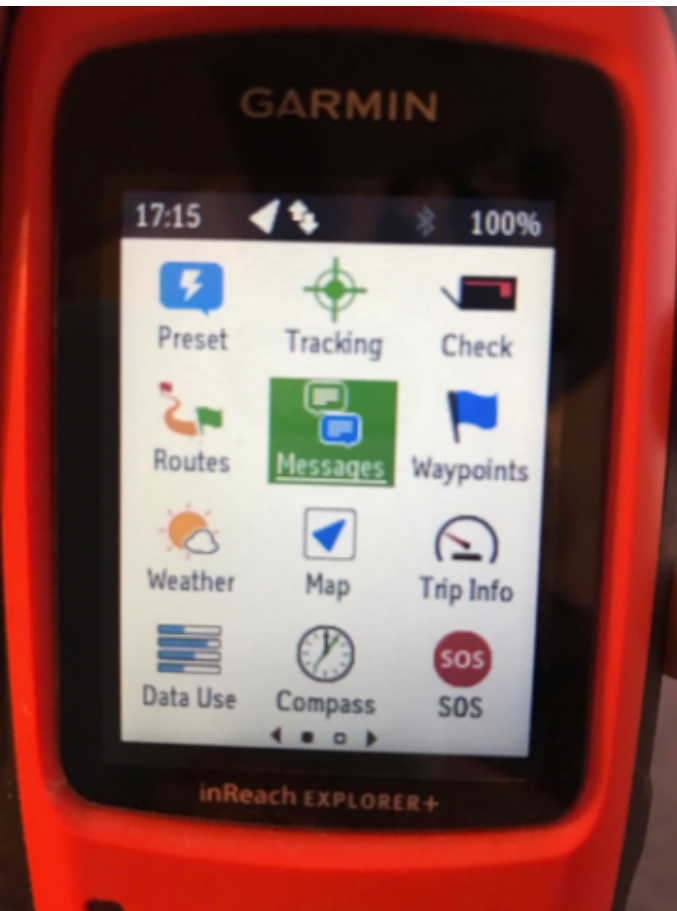


“inReach Address”

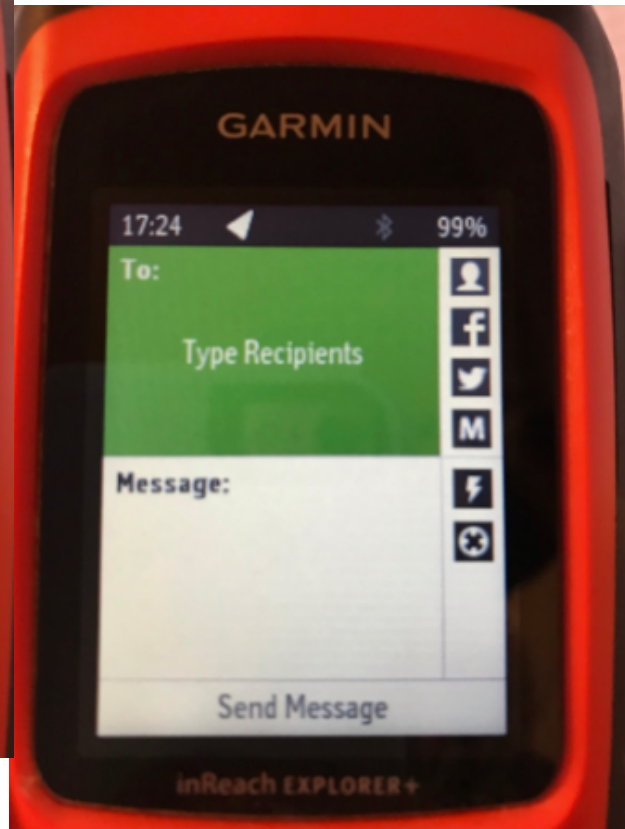
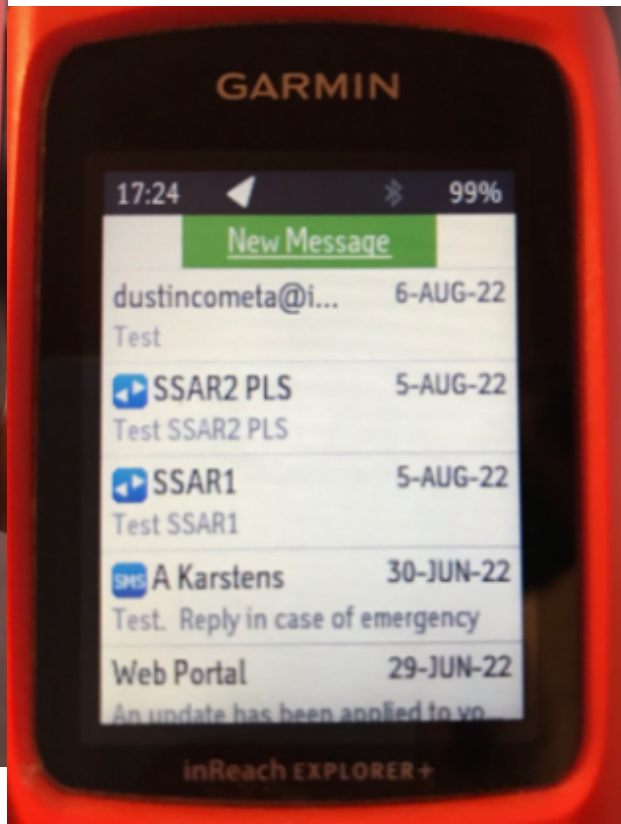


# SENDING MESSAGES

Main Menu → Messages

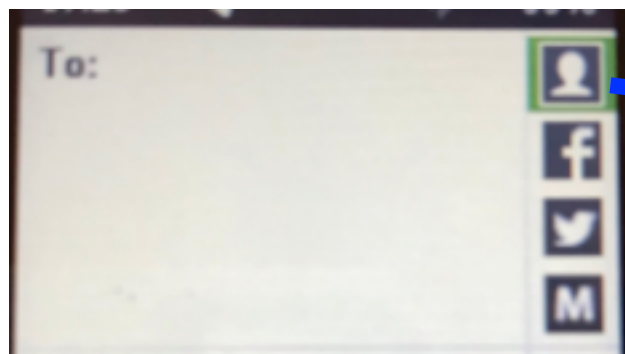
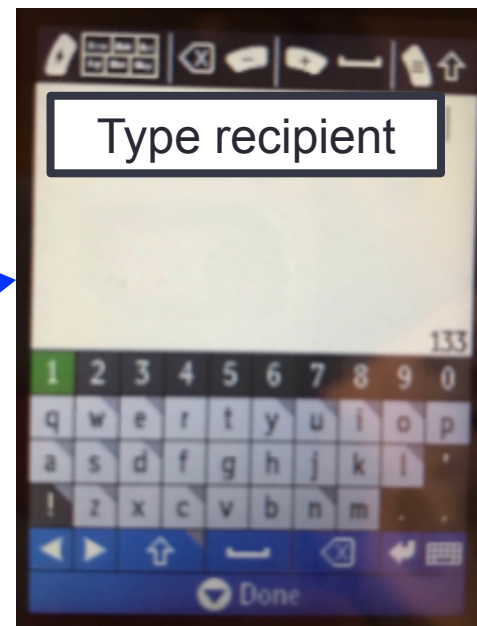
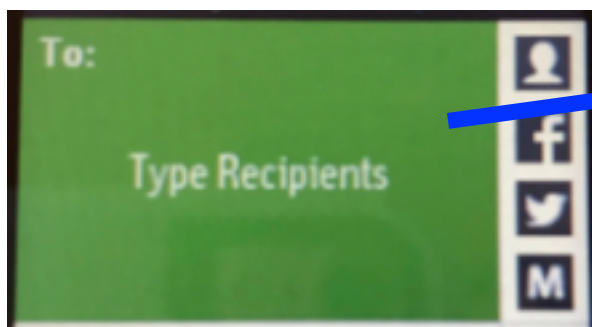


“New Message”

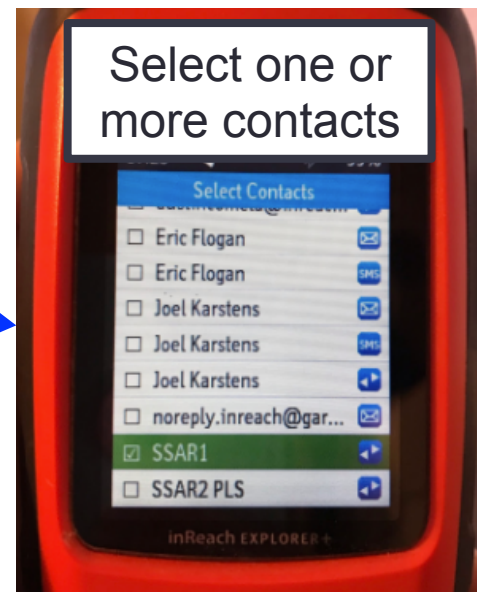


# SENDING MESSAGES

Select from 2 options

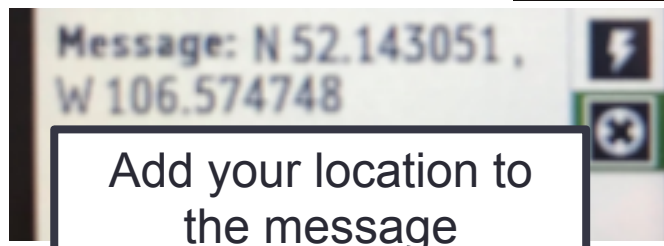
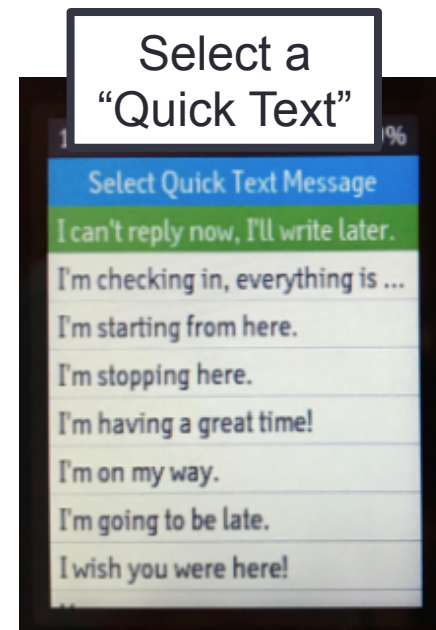
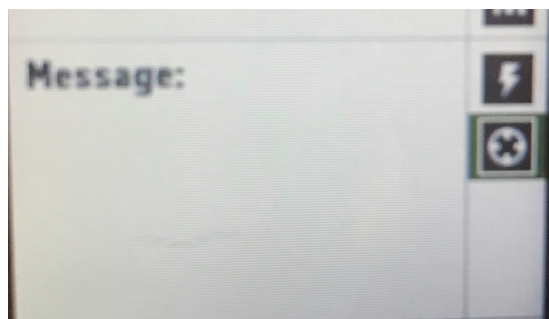
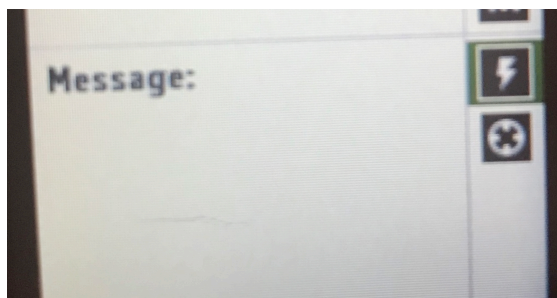
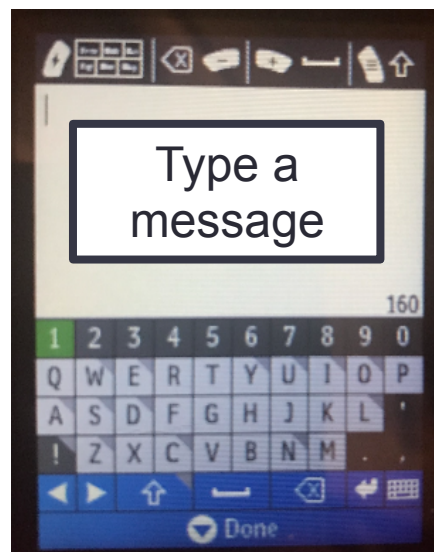
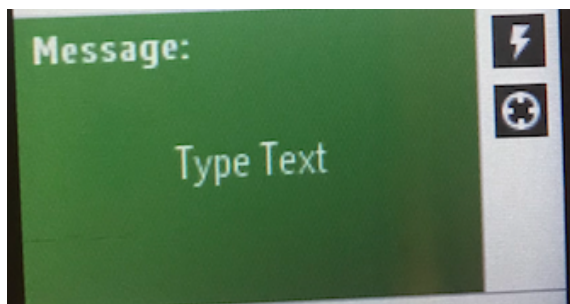


(recommended)



# SENDING MESSAGES

Select from 3 options

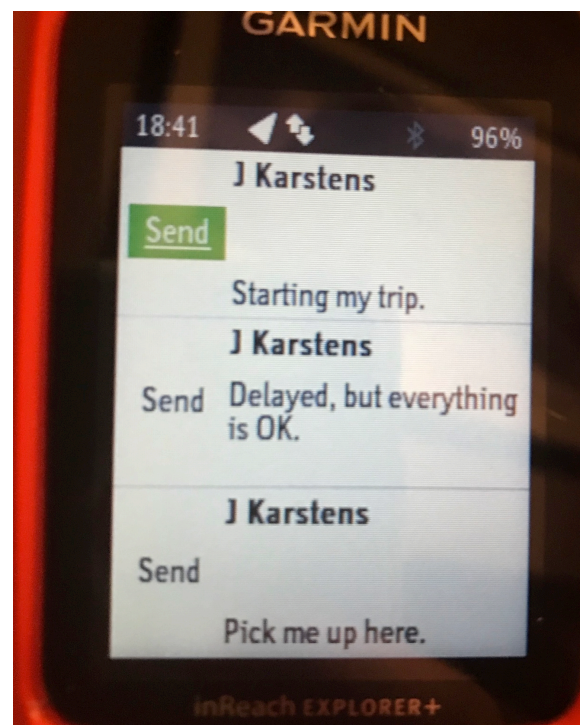
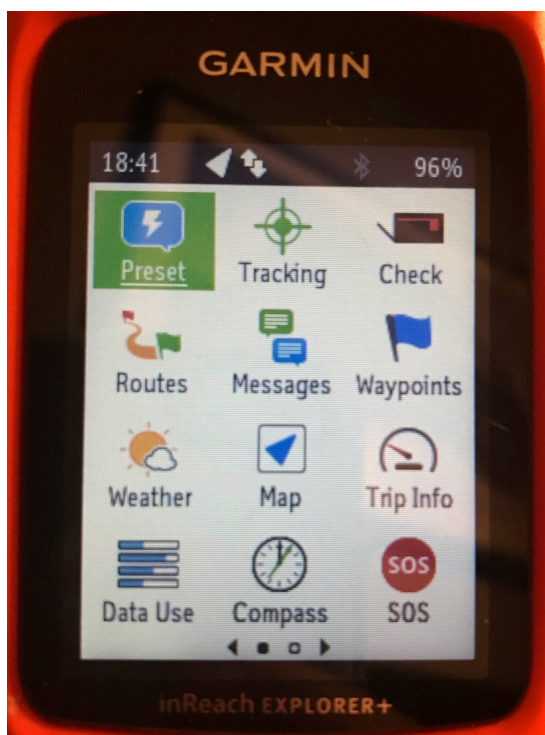


Add your location to the message

# PRESET MESSAGES

Preset recipient and message

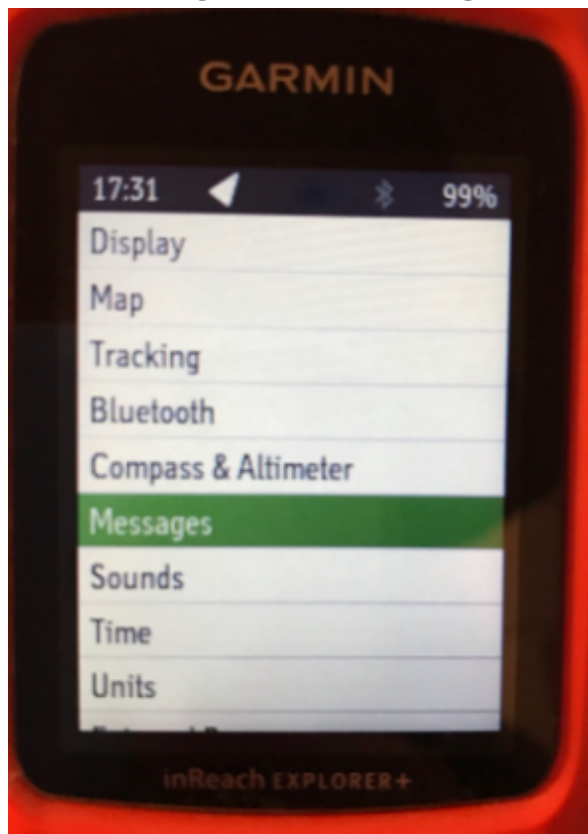
- don't count toward data usage
- can only be edited on online inReach account, not directly on device



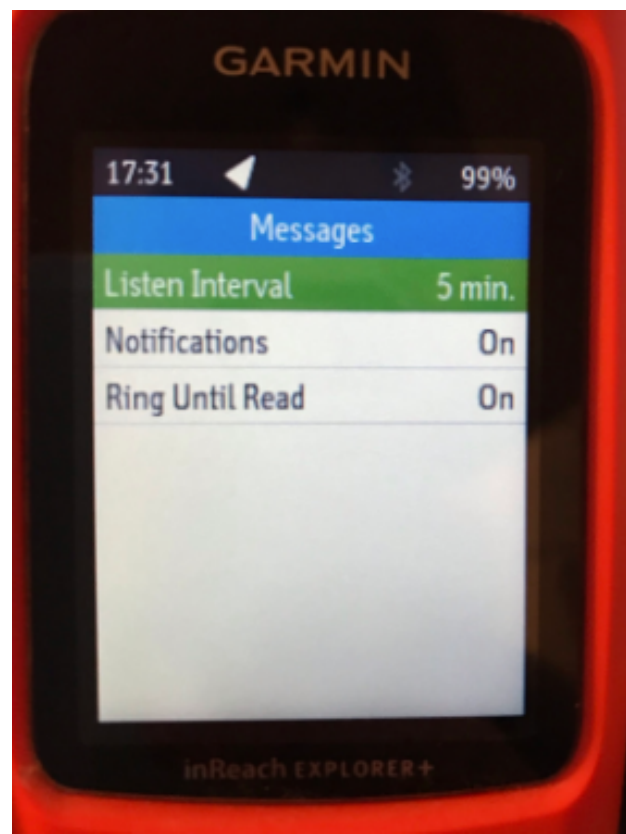
# RECEIVING MESSAGES

Device will check for messages at a specified interval and ring when received if notifications are turned on

Settings → Messages

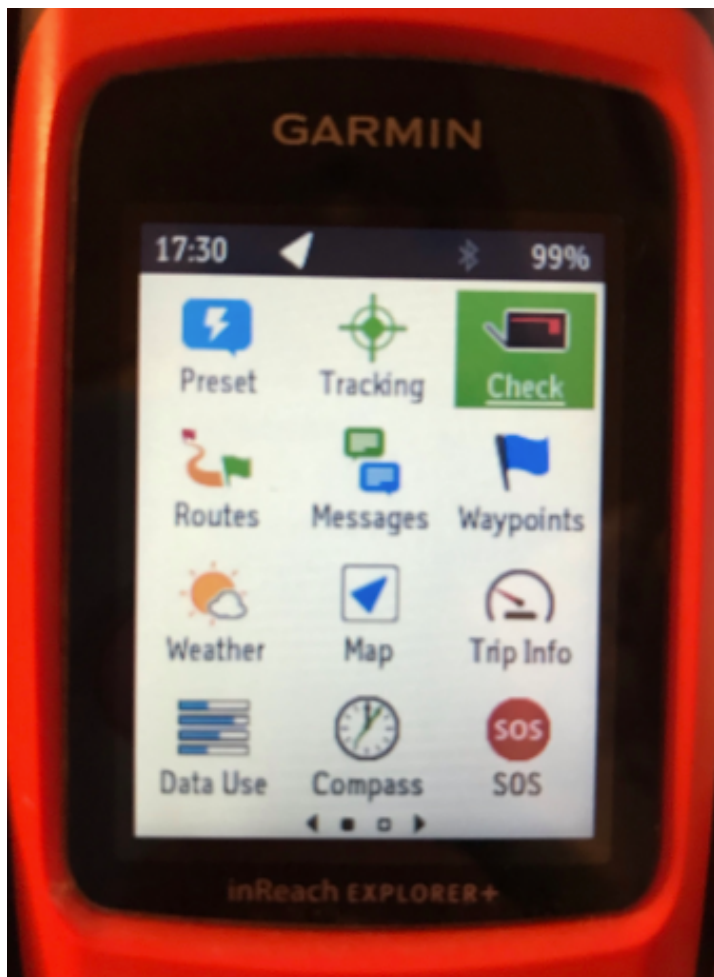


Recommended Settings



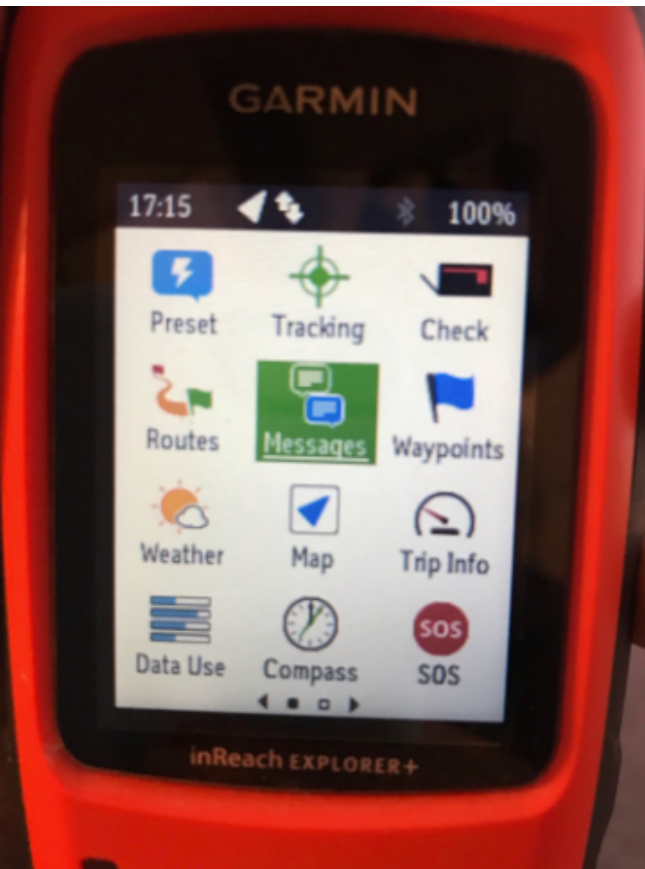
# CHECKING FOR MESSAGES

Messages can be checked manually if needed

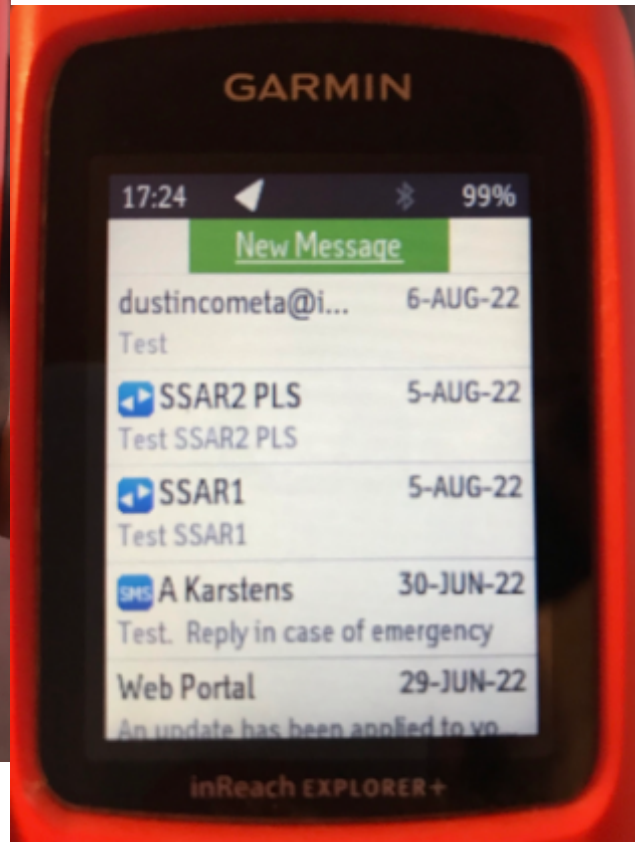


# VIEWING/REPLYING TO MESSAGES

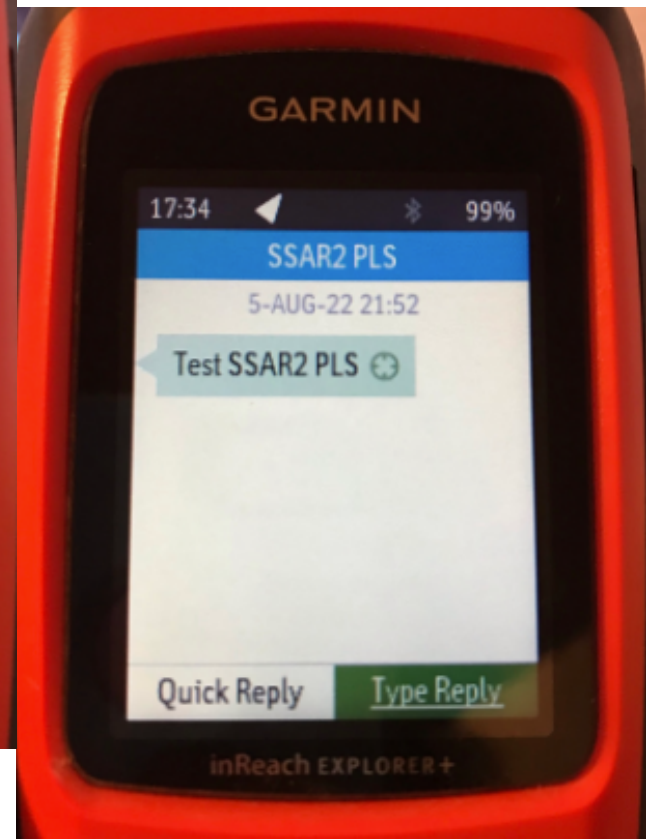
Main Menu → Messages



Select message thread



View and reply



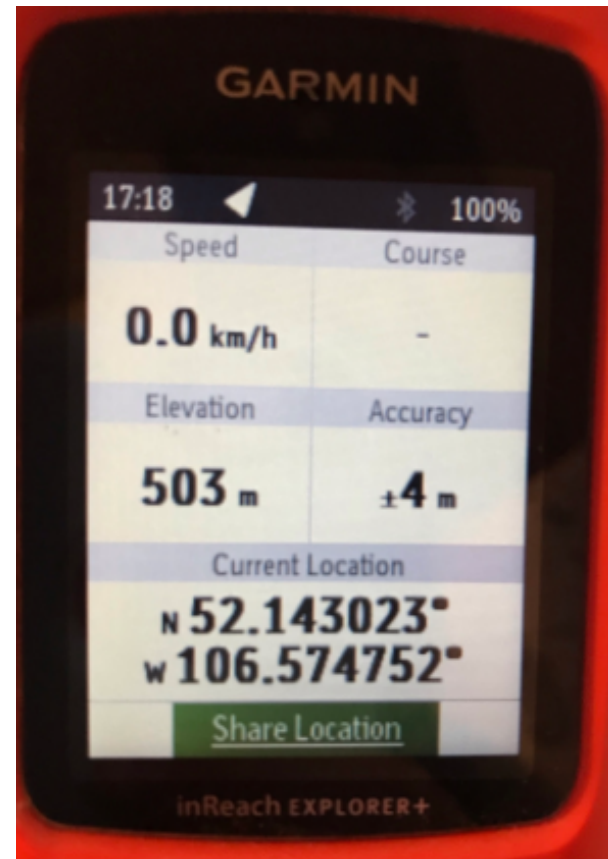
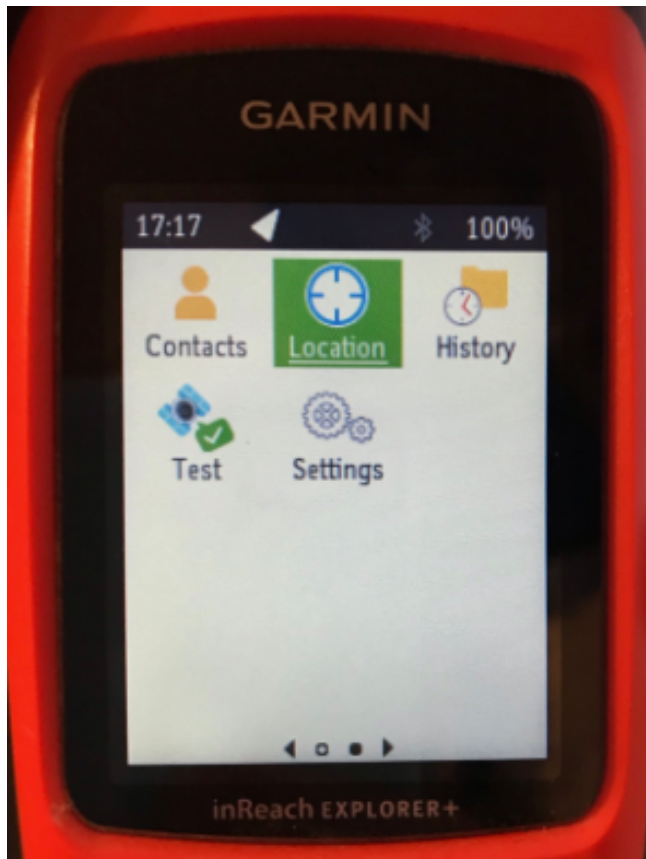


# NAVIGATION



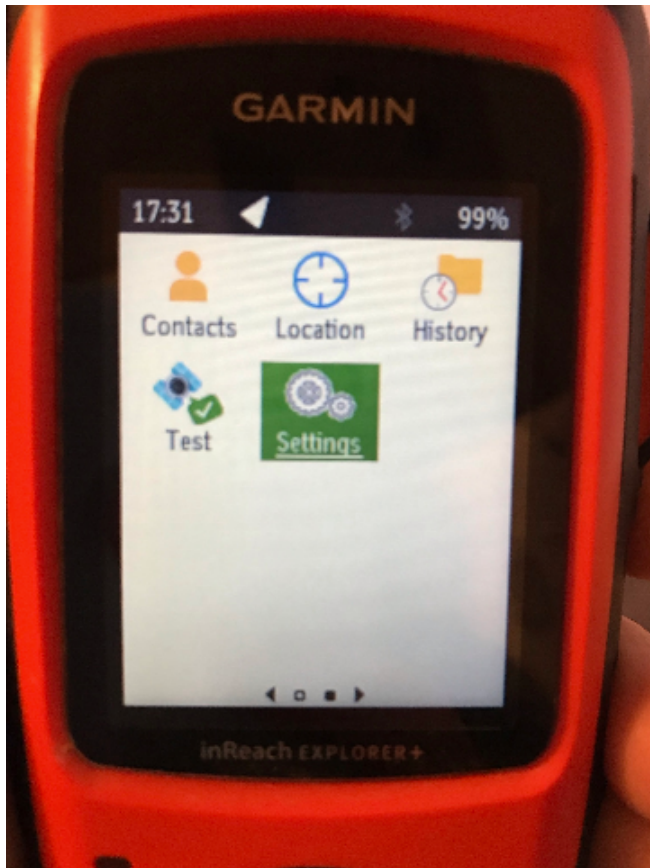
# FINDING CURRENT LOCATION

Main Menu → Location

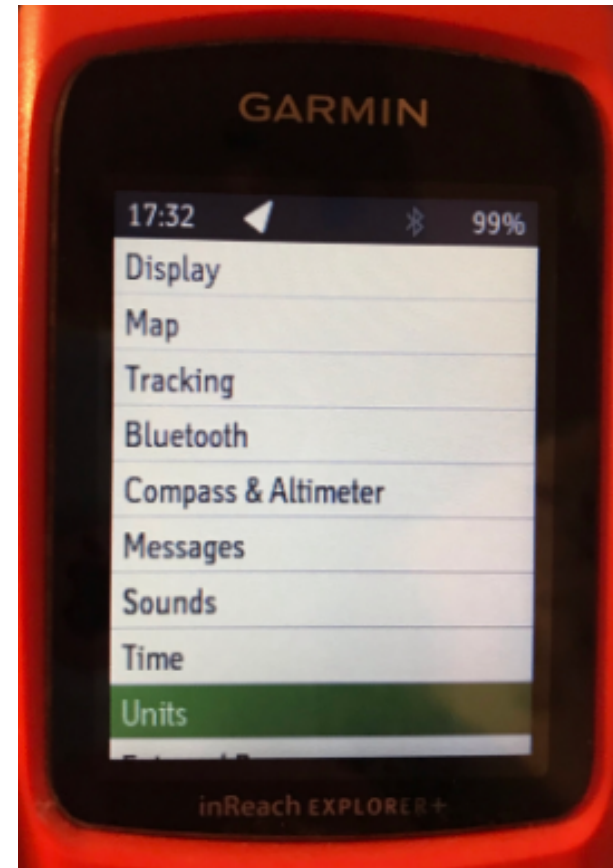


# SETTING UNITS

Main Menu → Settings

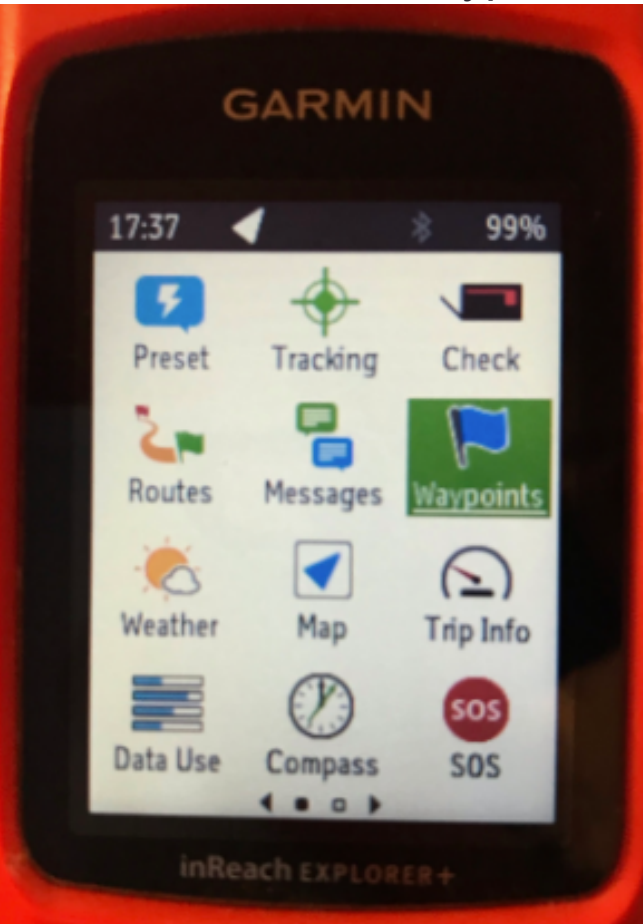


Units

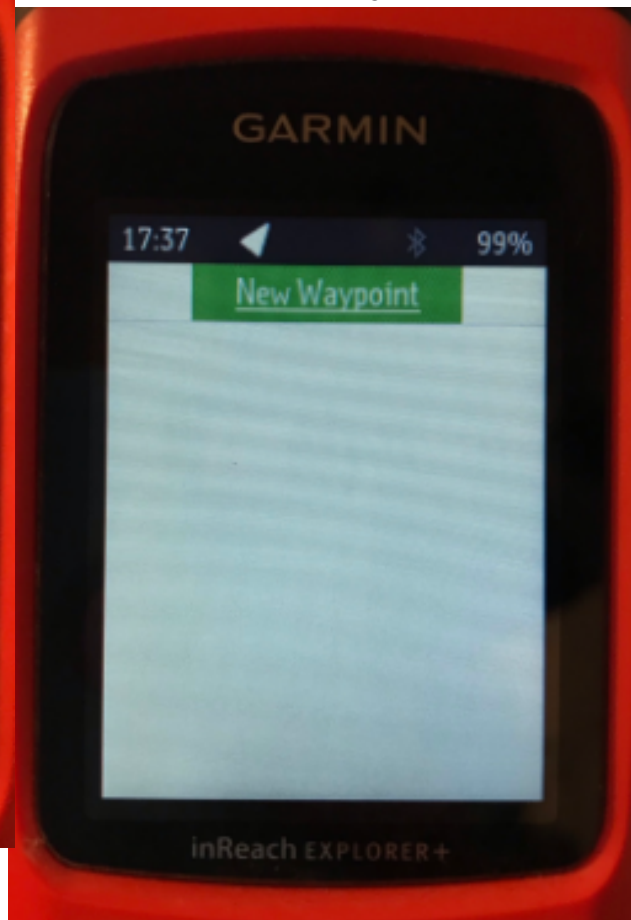


# MARKING A WAYPOINT

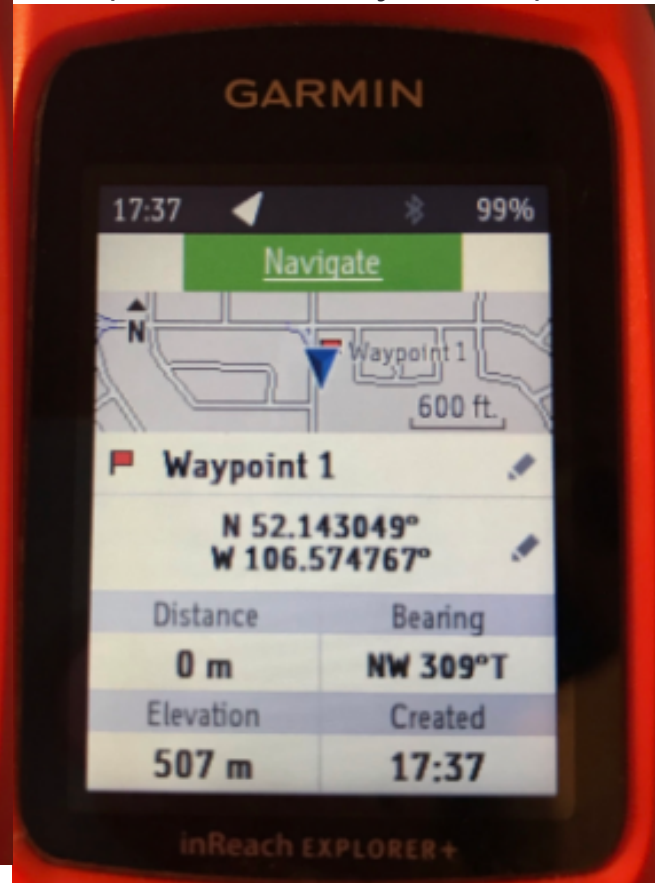
Main Menu → Waypoints



New Waypoint

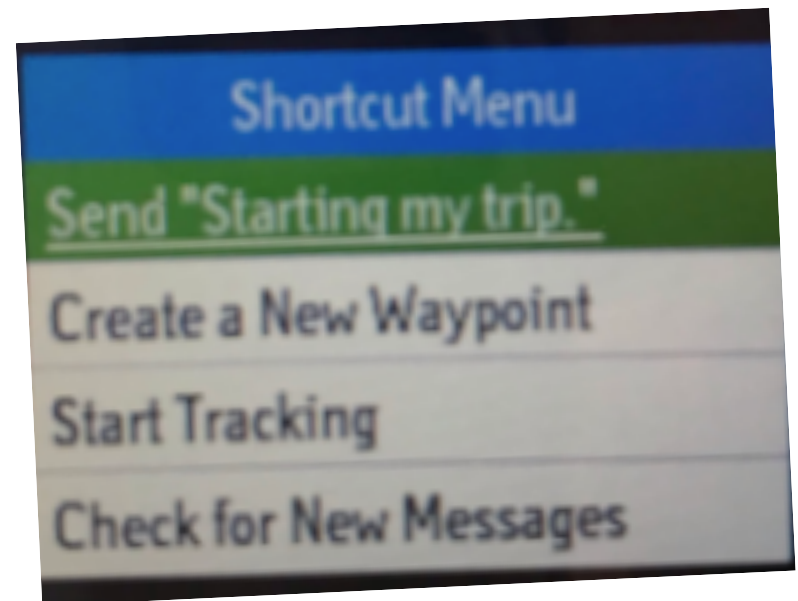
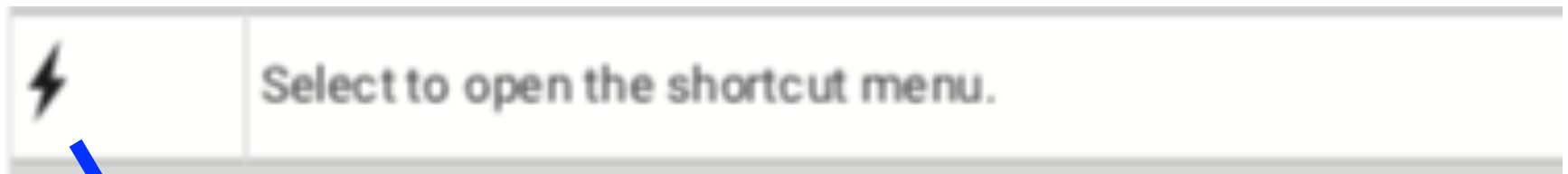


Edit, Navigate To, or Exit  
(no save/okay/done!)

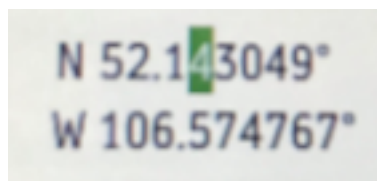
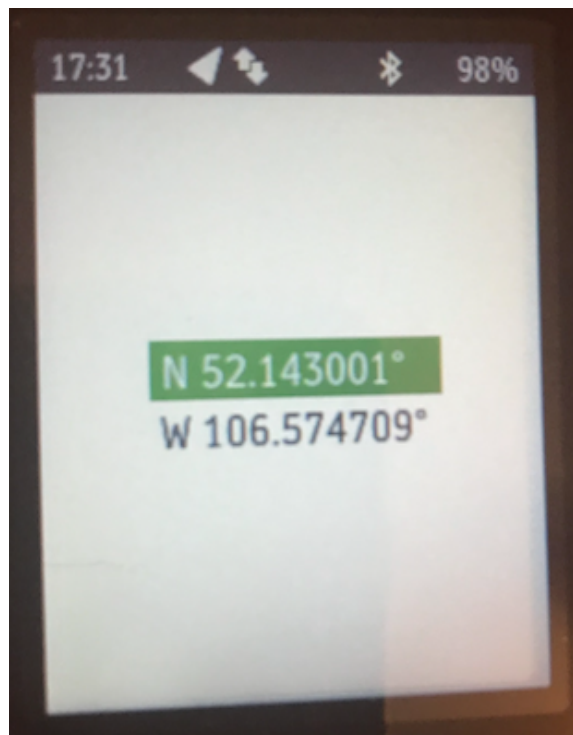





# MARKING A WAYPOINT

## shortcut menu



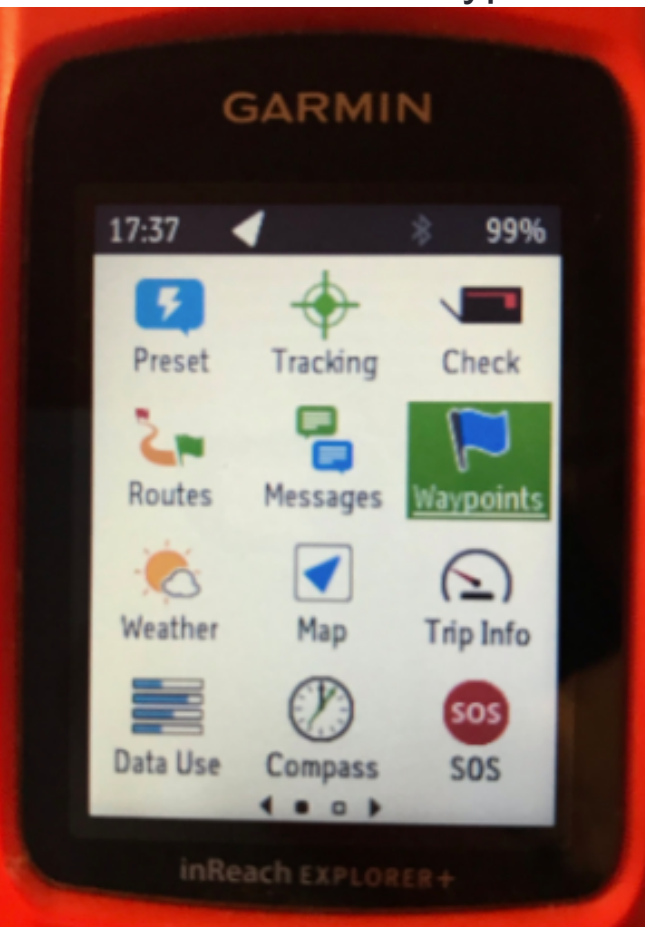
# EDITING COORDINATES



1. Press  to select latitude
2. Arrow right/left to highlight the digit you want to change
3. Arrow up/down to change the digit
4. Repeat steps 2+3 as needed
5. Press  to finish editing latitude
6. Arrow down to highlight longitude
7. Repeat steps 1-5 to edit longitude
8. Press  to finish editing coordinate  
(make sure you're back to half the coordinate highlighted first so you don't lose changes)

# NAVIGATING TO A WAYPOINT

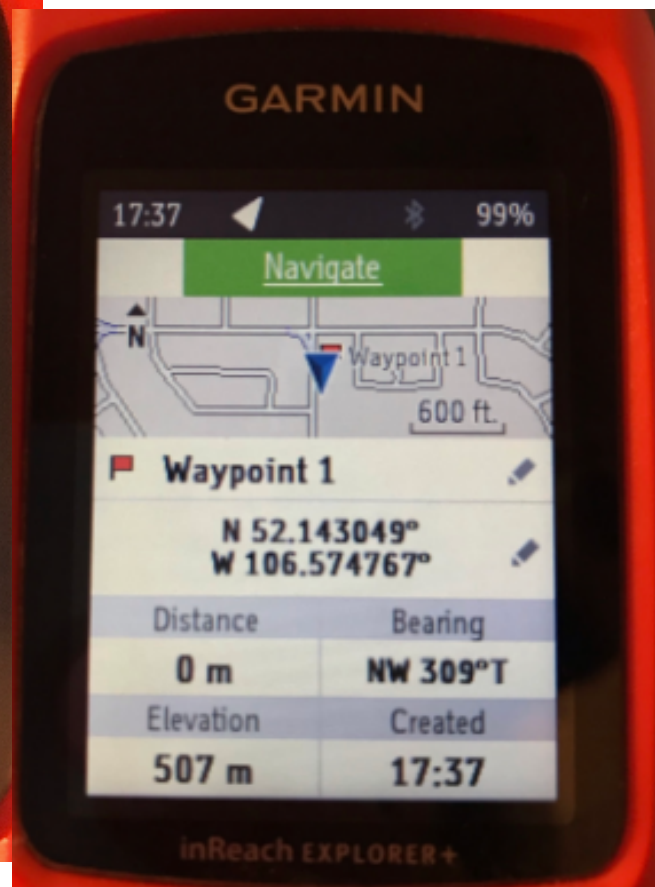
Main Menu → Waypoints



Select Desired Waypoint

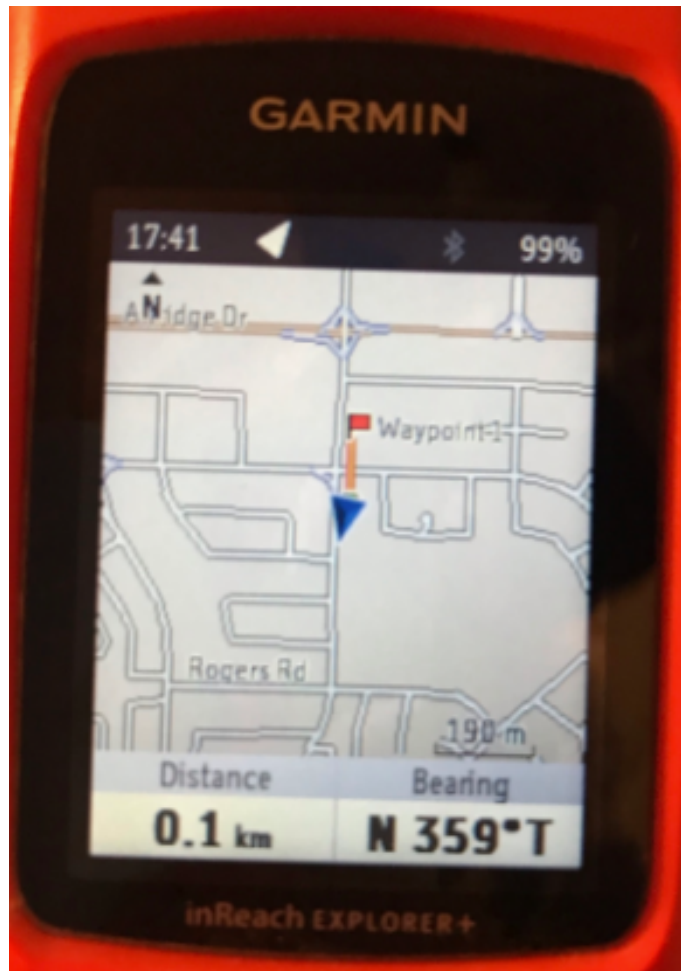


Select Navigate

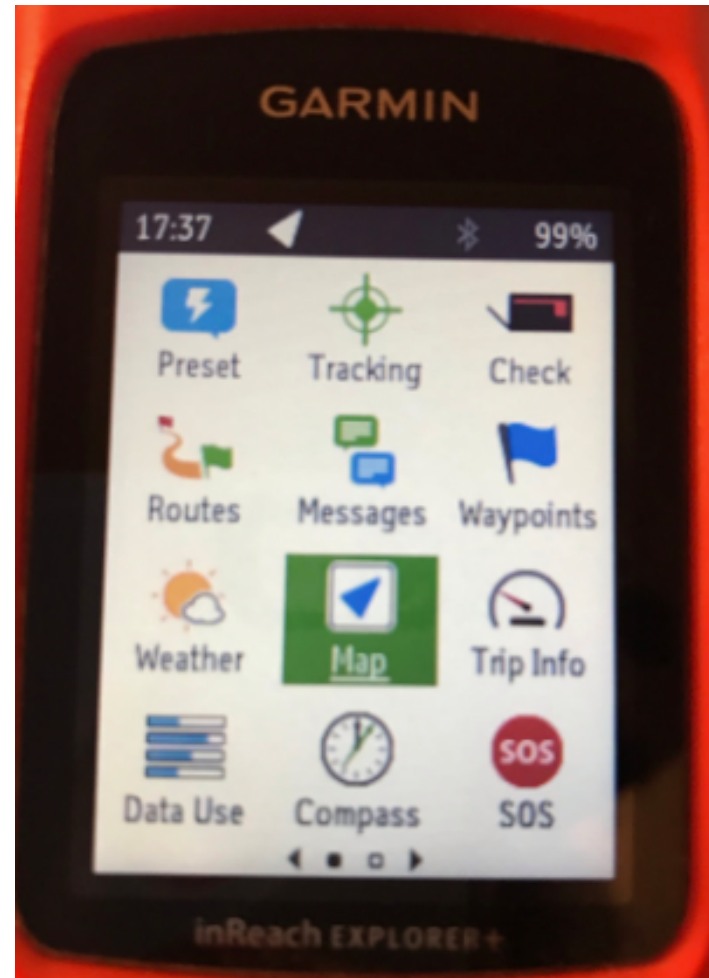


# MAP VIEW

“Navigate” – automatically takes you to map view



Can also view Map by selecting in Main Menu

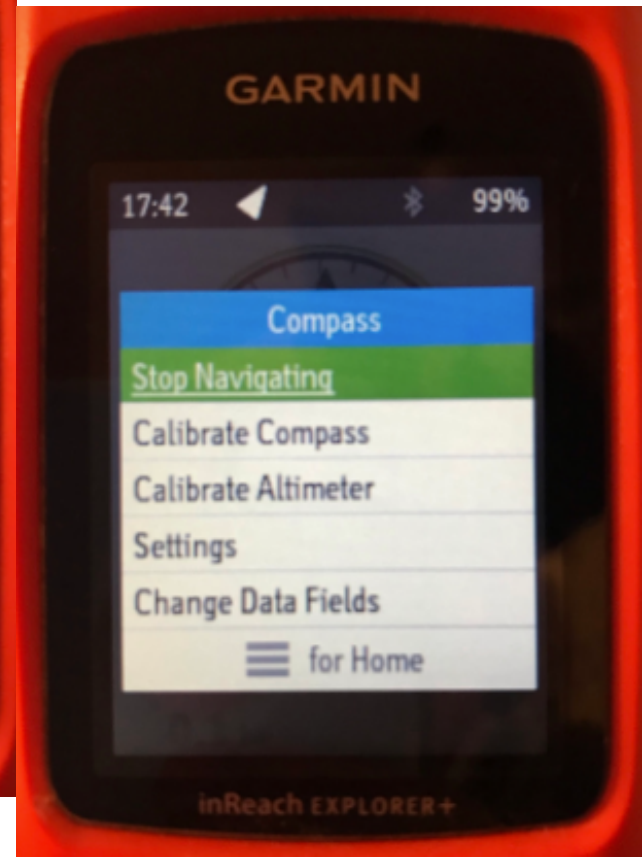
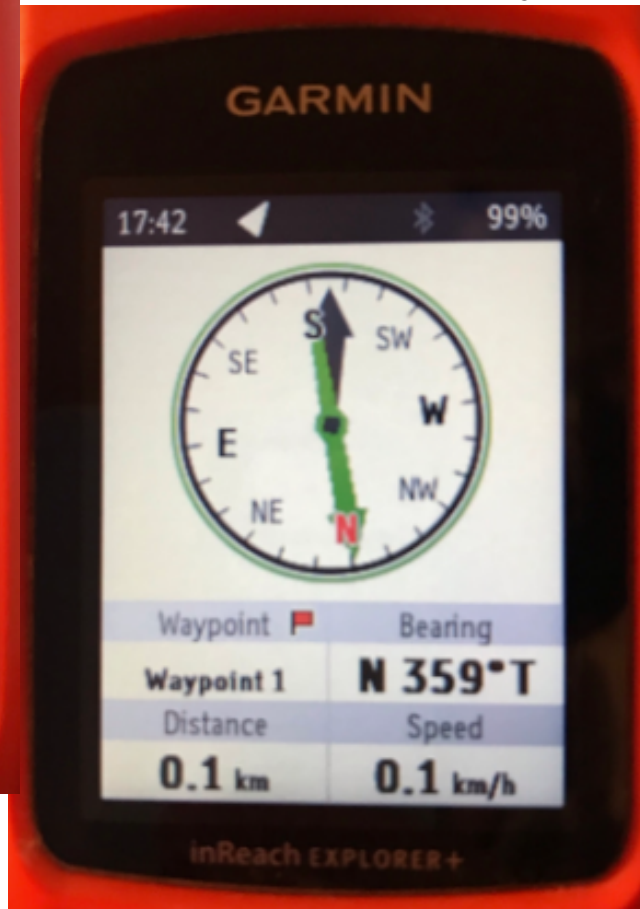
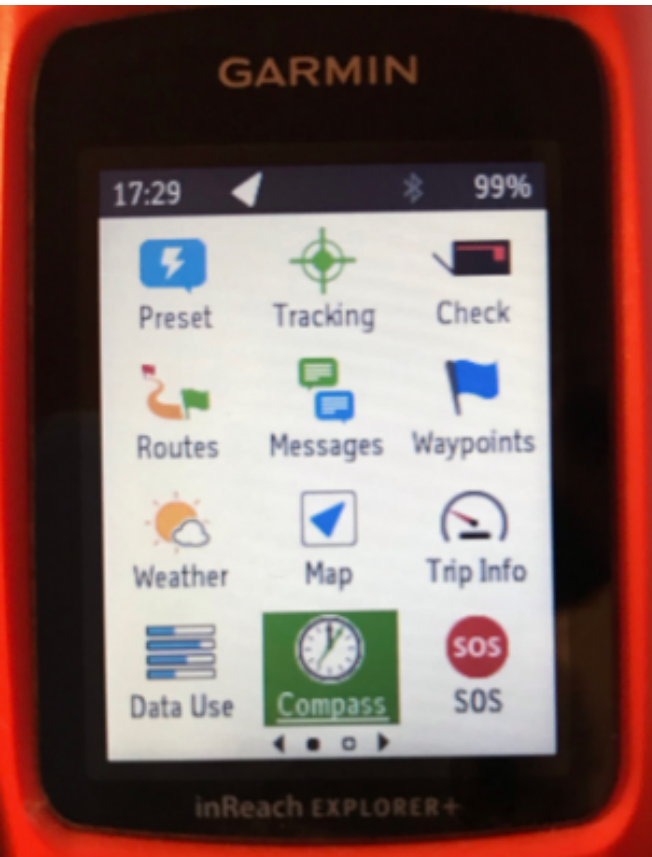
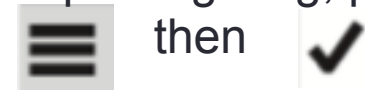


# COMPASS VIEW

Main Menu → Compass

↑ current heading  
↑ direction to waypoint

To stop navigating, press





SOS



# INITIATING AN SOS



## Initiating an SOS Rescue

You can initiate an SOS rescue with the device turned on or off if the device has battery power.

- 1 Lift the protective cap ① from the **SOS** button ②.
- 2 Press and hold the **SOS** button.
- 3 Wait for the SOS countdown.

The device sends a default message to the emergency response service with details about your location.

- 4 Reply to the confirmation message from the emergency response service.

Your reply lets the emergency response service know that you are capable of interacting with them during the rescue. If you do not reply, the emergency response service will still initiate a rescue.

For the first 10 minutes of your rescue, an updated location is sent to the emergency response service every minute. To conserve battery power after the first 10 minutes, an updated location is sent every 10 minutes.

# CANCELLING AN SOS

## Canceling an SOS Rescue

If you no longer need assistance, you can cancel an SOS rescue after it is sent to the emergency response service.

- 1 Lift the protective cap, and hold the **SOS** key.
- 2 Select **Cancel**.

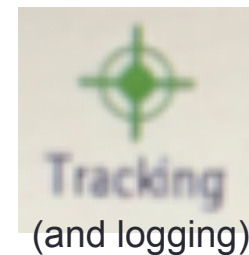
Your device transmits the cancellation request. When you receive a confirmation message from the emergency response service, the device returns to normal operation.



# TRACKING



# TRACKING VS. LOGGING



## Tracking

- sends your points/your track via satellite to your own personal website at a specified interval
- DO NOT USE FOR SSAR

## Logging

- logs points on your device without sending them anywhere
- logging interval can be set (time-based setting only)

## Current SSAR Relevance

Logging – unsure how it compares to SSAR’s other GPS’es for battery life, accuracy, downloading tracks, etc.

Current recommendation is to track with a regular SSAR GPS if possible (i.e. carry two devices), but we can begin to test the logging function of our inReaches to determine if and how we should use this feature.

# TRACKING VS. LOGGING

To log only, make sure “Send Interval” is OFF!  
(can change in settings → Tracking)

