

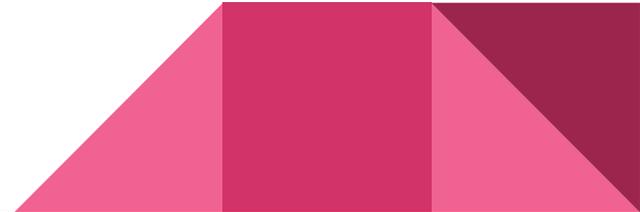
Maps and Apps

Smart Phone Applications for Ham Radio and Emergency Services

By Doug Beasley, W6CDO
Nov. 16, 2023

Agenda

- Apps for Offline Use
- Apps for Emergency Services and Information



Apps for Offline Use

Problem: In the event of widespread power/cellular outage, how do you navigate or know what repeaters to access?

→Map Applications let you download map files for use when you have no internet connectivity

- Maps and Navigation
 - Thomas' Guide
 - Google Maps (iPhone and Android)
 - Apple Maps (iPhone)
 - Compass and Elevation Navigation (iPhone)

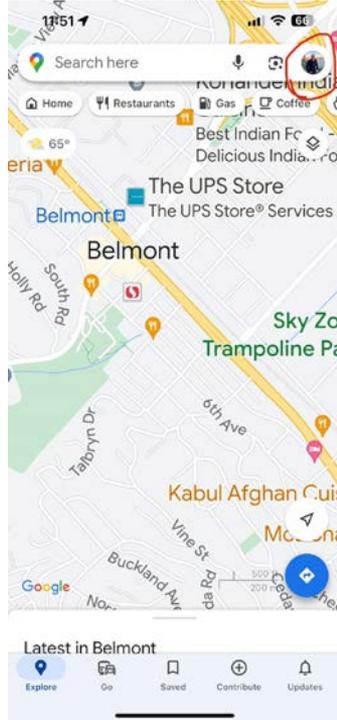
- Repeater Information
 - RepeaterBook



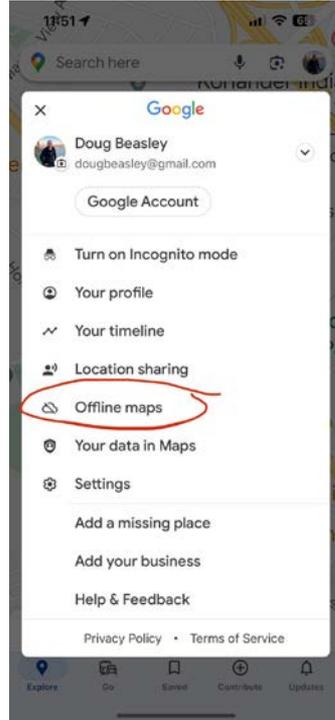
Google Maps



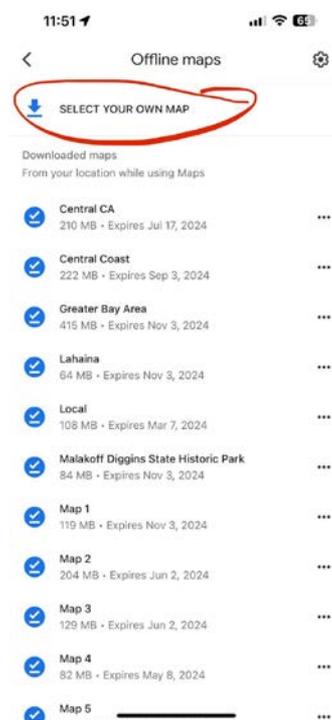
Scan QR code for
Apple iPhone
Download



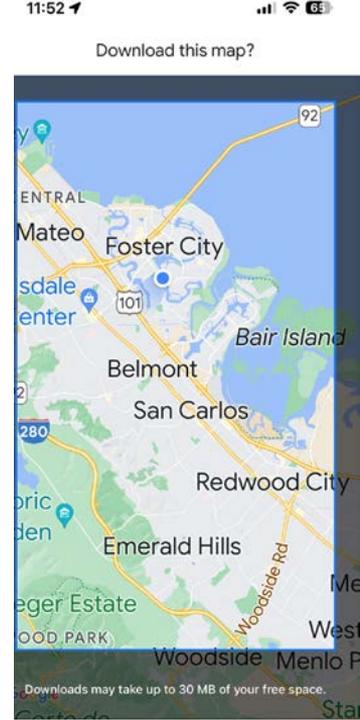
1. Click your User Image



2. Select Offline Maps

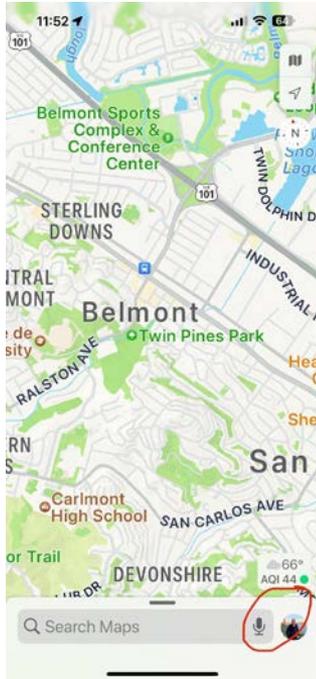


3. Select Your Own Map

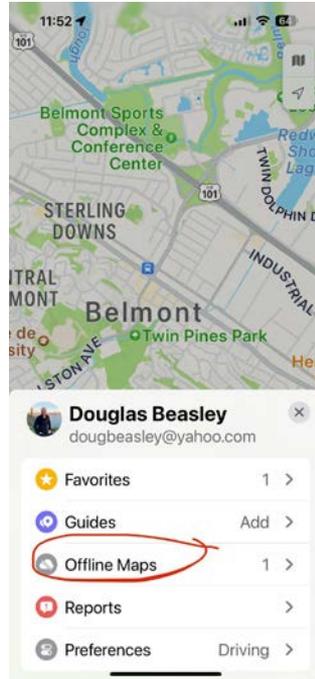


4. Select the Area you want to download

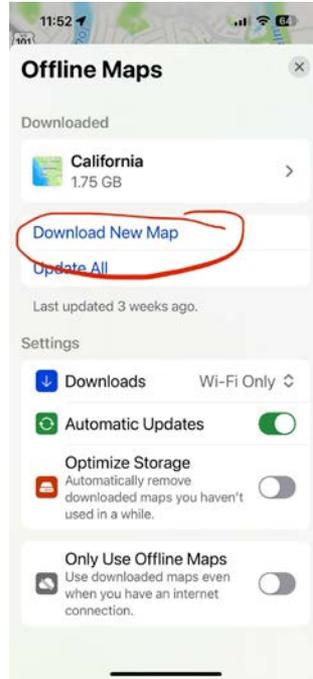
Apple Maps



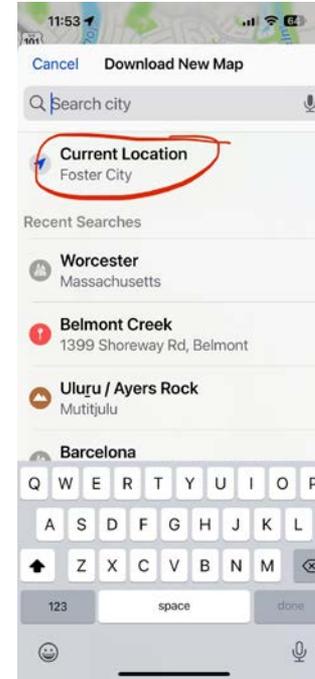
1. Click your User Image



2. Select Offline Maps



3. Select Your Own Map



4. Select the Location



4. Select the Area you want to download

iPhone Compass App



Repeater Book

Offline Access to Nearby Repeaters



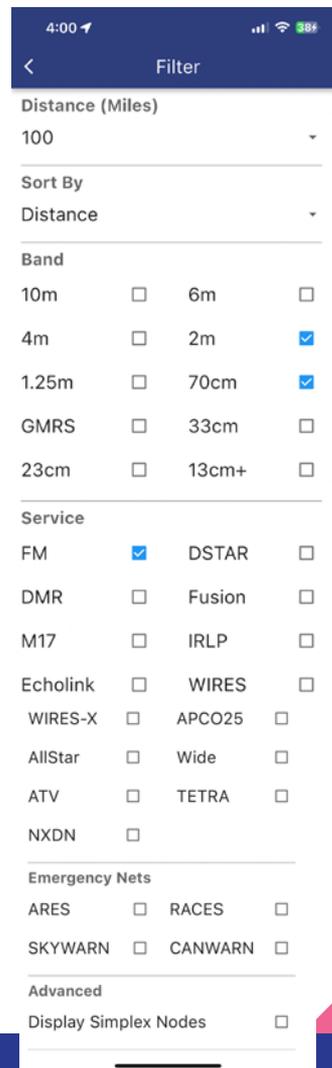
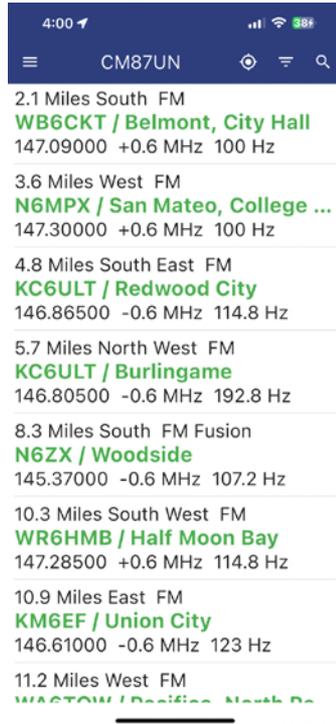
Scan QR Code for
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Scan QR Code for
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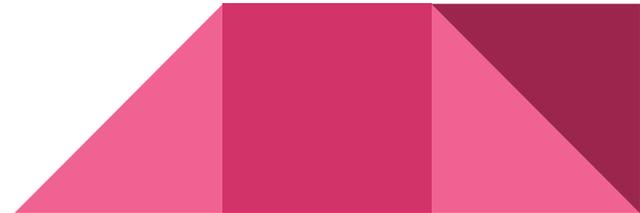
Repeater Book Examples



Apps for Ham Radio & Emergency Service Information

Useful apps to have an understanding of your present Emergency Services and Ham Radio Area of Operation

- FireIncidents
- 5-0 Radio
- Call Search
- MorseDecodr
- BeaconAid



Fire Incidents



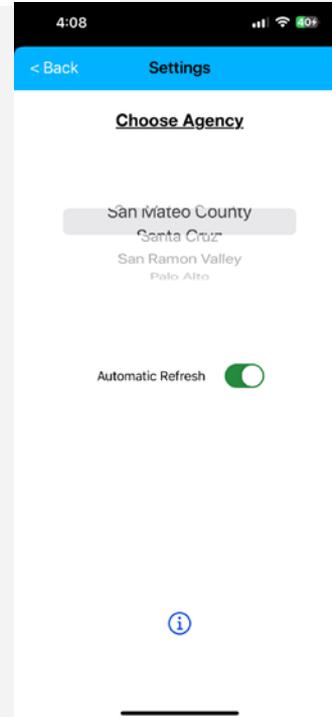
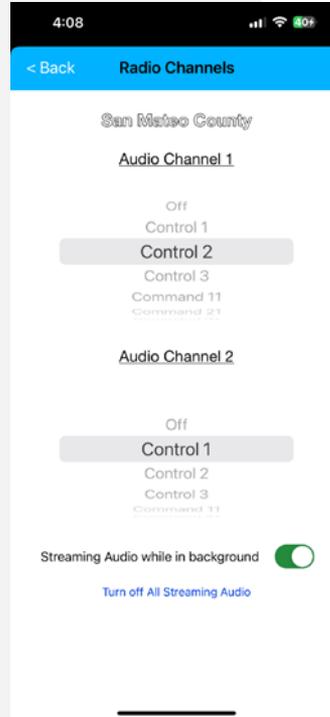
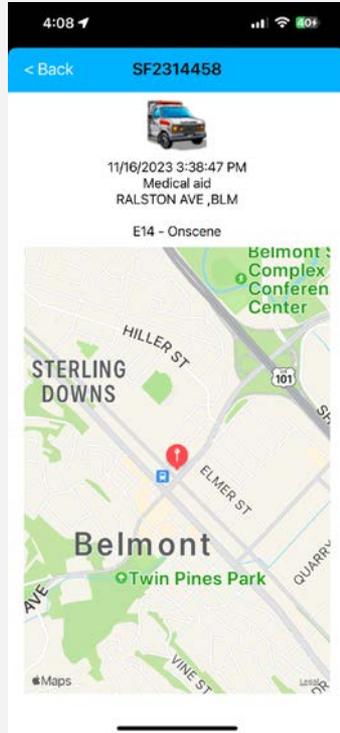
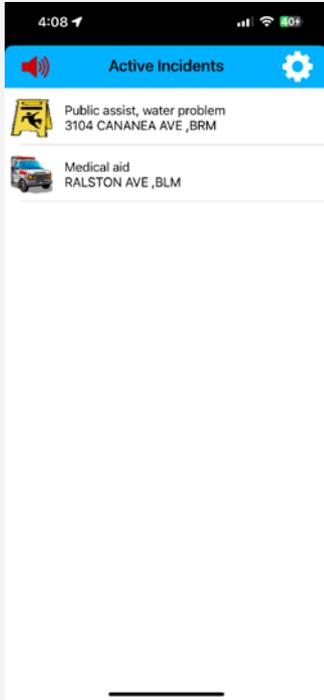
Fire Incidents

FireDispatch.com

Open



iPhone Download



5-0 Radio



5-0 Radio Police Scanner

Live fire, air & police radio

[Open](#)



[iPhone Download](#)

Ham Radio Call Sign Searching



Callsign Search

Neil Kutchera

[Open](#)

4:16    43%

Call Sign Search

Callsign Search

Written by
Neil J. Kutchera, K4FV

Online Call Sign Lookups
Powered by



4:16    43%

Call Sign Search

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County: San Mateo

Grid: CM87um

Time Zone: Pacific (Offset: -8 hours)

Views: 4,179



iPhone
Download

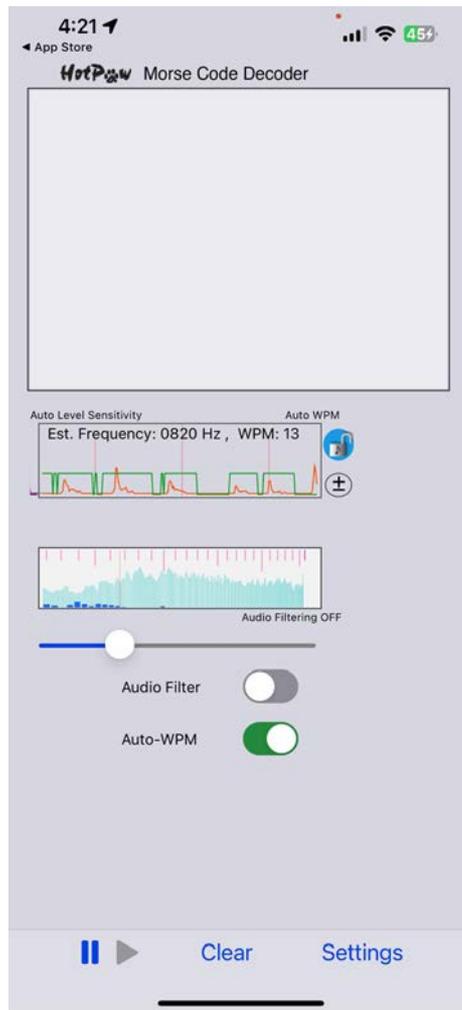
Morse Decoder



MorseDecoder

Translate Morse Code
to Text

Open



iPhone Download

Beacon Aid - HF Signal Beacons by Band



BeaconAid-HF

Danny Goodman

Open

A screenshot of the BeaconAid-HF mobile application. The interface is clean and organized, displaying station information and propagation data. At the top, there's a navigation bar with 'By Band' and 'By Beacon' options. The main content area shows the station call sign 'KH6RS' in large red letters, followed by its location 'Laie Hawaii' and a small world map icon. Below this, it lists 'Distance: 7,328 miles' and 'Beam Headings: 338°(SP) 158°(LP)'. A green dot indicates the station is 'Operational'. A table lists active frequencies and call signs for various bands, with the 20m band (14.100) highlighted. At the bottom, there's a 'Conditions' section with a color-coded table for day and night conditions across different frequency ranges.

4:27

By Band By Beacon

KH6RS

Laie
Hawaii

Distance: 7,328 miles
Beam Headings: 338°(SP) 158°(LP)

Status: ● Operational

12m (24.930)	4U1UN	0:00
15m (21.150)	VE8AT	0:10
17m (18.110)	W6WX	0:20
20m (14.100)	KH6RS	0:30
	ZL6B	0:40
	VK6RBP	0:50
	JAZBY	1:00

Propagation • SF:118 A-B K-2

Conditions			
	30m-20m	17m-15m	12m-10m
Day	Fair	Good	Fair
Night	Good	Good	Poor

NONBH <http://www.hamqsl.com/solar.html>



iPhone App
Download

Questions

Thank you!