

Amateur Apps

- Radio Related Applications for
 - Android
 - iProducts
(iPhone iPod iPad)

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Free For Public Use

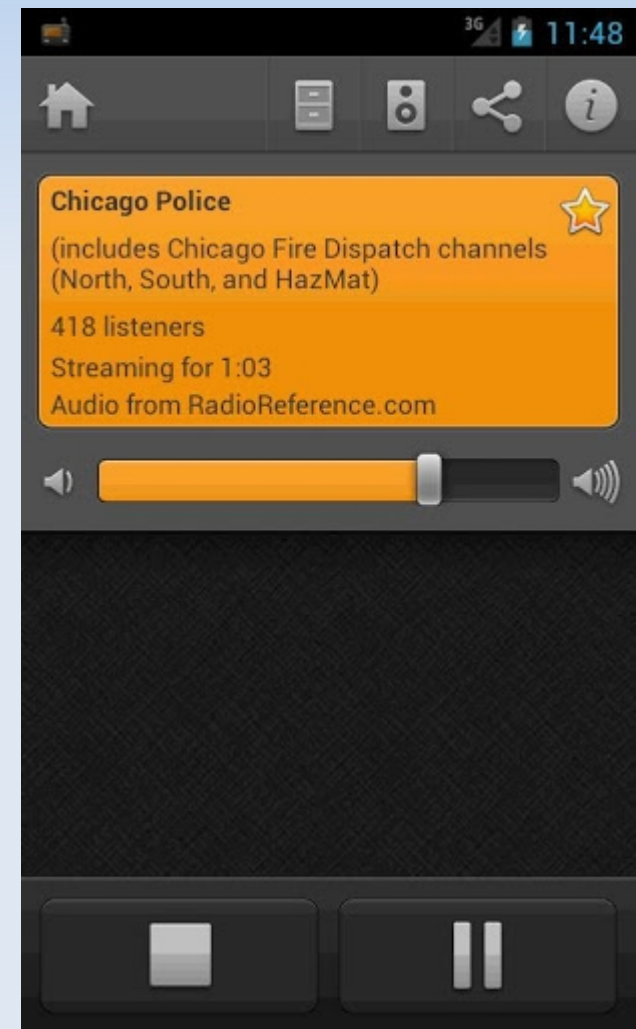
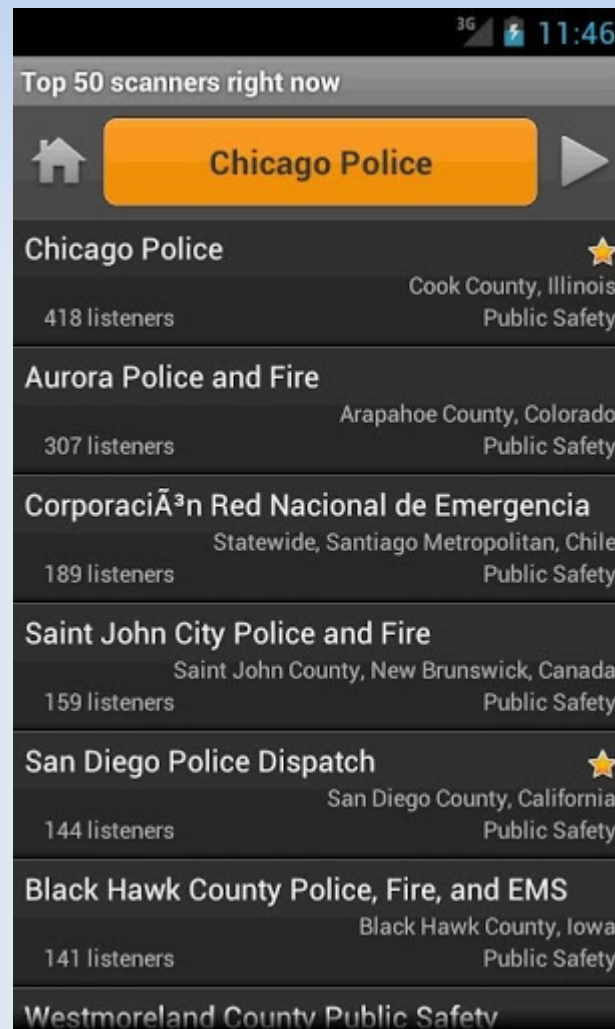
Amateur Apps

Android Devices

Scanner Radio

Listen to 1000's of live audio feeds from around the world.

- Air
- Amateur Radio
- Marine
- Other
- Public Safety
- Rail
- Weather



Ham Radio Study

- Prepare for Amateur Radio examinations.
- Includes full question pools:
 - * Technician
(effective till 2014-06-30)
 - * General
(effective July 1, 2011)
 - * Extra
(effective till 2012-06-30)

EG 6:47 AM

Ham Radio Study

What is the function of block 1 if figure T4 is a simple CW transmitter?

Reactance modulator

Product detector

Low-pass filter

Oscillator

T7A05

Figure T4

NCDXF Beacon

- Monitor NCDXF beacons

NCDXF Beacon is a simple tool to help you monitor the NCDXF beacons on the Ham Radio bands 20m, 17m, 15m, 12m and 10m.



APRS Droid

- APRS Maps
- Your GPS Location
- Messaging
- One time or periodic reporting of location
- View Station Details
- AFSK decoding via microphone



Flight Radar 24

Gets data from:

- ADS-B Receivers
- FAA Flight Data
- Planes moving in real-time
- Airline and callsign information for individual planes



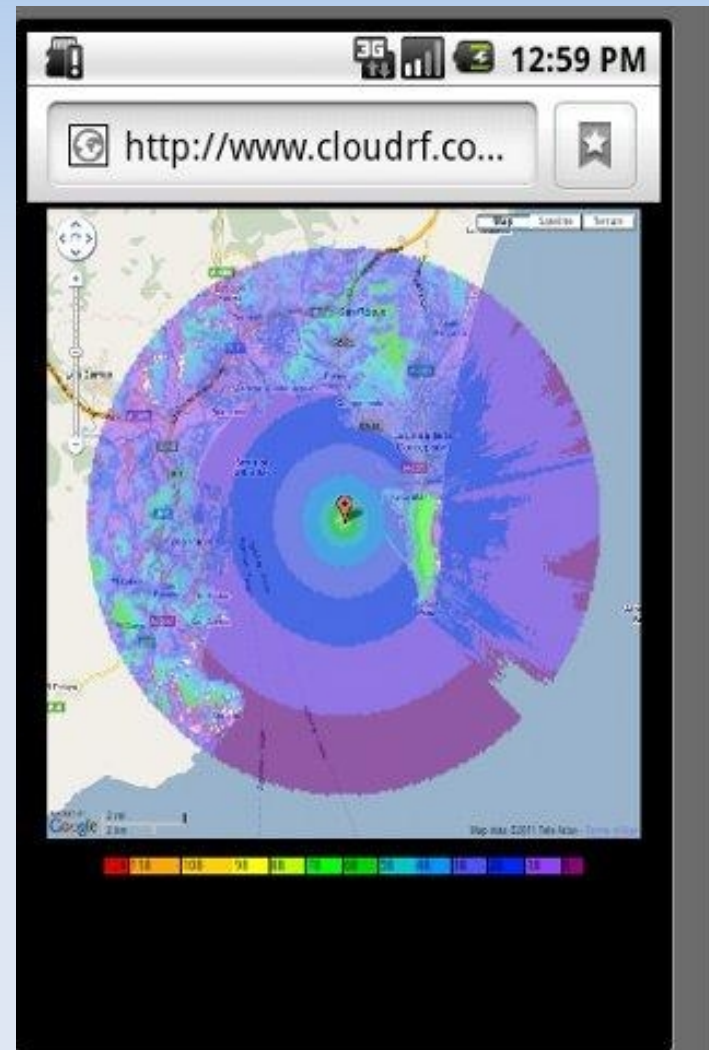
Marine Traffic

- Data from AIS & GPS
- View Ship Locations
- See What's Near You
- View Ship Data
- View Ship Photos
- 80,000+ ships /day
- Departure & Arrival Times



Cloud RF - Radio Coverage

- Radio Coverage Plots
- 20MHz-20GHz
- Longley Rice Models



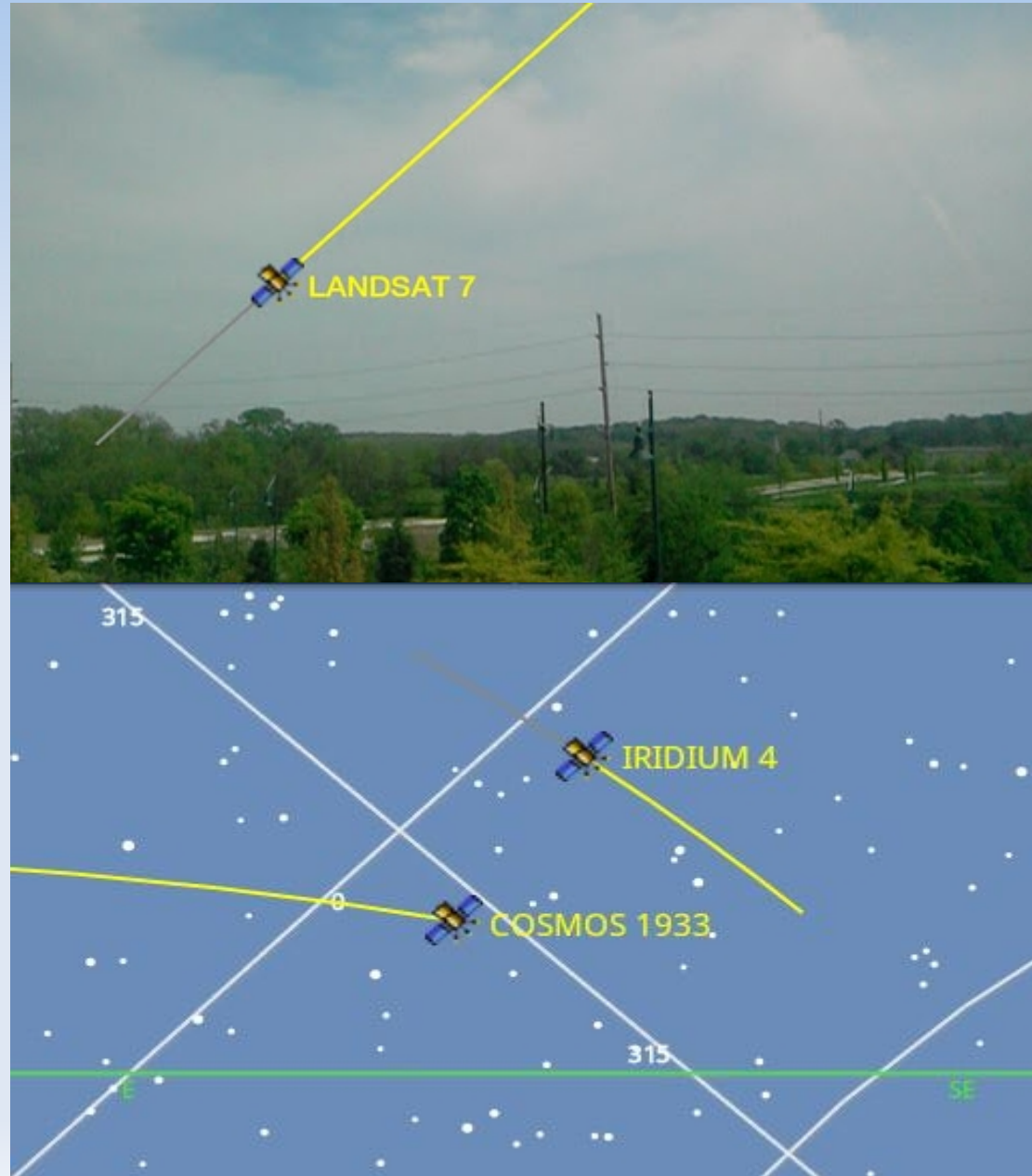
Droid RTTY

- Decodes with phone's Speaker/Mic or Wired
- Waterfall Display
- Logbook

The screenshot displays the Droid RTTY application interface. At the top, it shows "space: 869Hz" and "mark: 1039Hz". Below this are several input fields: "NF8J" (call sign), "PAUL" (name), "ALTO" (location), and "Locator". There are also fields for "14.080" (frequency), "599" (tone), and "599" (tone), along with a "Comment" field and an "Add to Log" button. A red "Start TX" button is visible on the right. Below the input fields, a text message is displayed: "NF8J NF8J DE W8DA = GA DR PAUL ES TNX FER CALL = UR RST IS 599 599 = MY NAME IS WOLF WOLF = MY QTH IS ALTO, MI = SO BTU ES HW CPY ? = NF8J DE W8DA KN". To the right of the text are buttons for "Show logbook" and "Clear Screen". Below the text is a waterfall display showing a signal at 1039Hz. The x-axis of the waterfall is labeled from 100 to 1900 Hz. At the bottom right, there is a "Macros" section with buttons for "cq", "name & qth", "info", and "de".

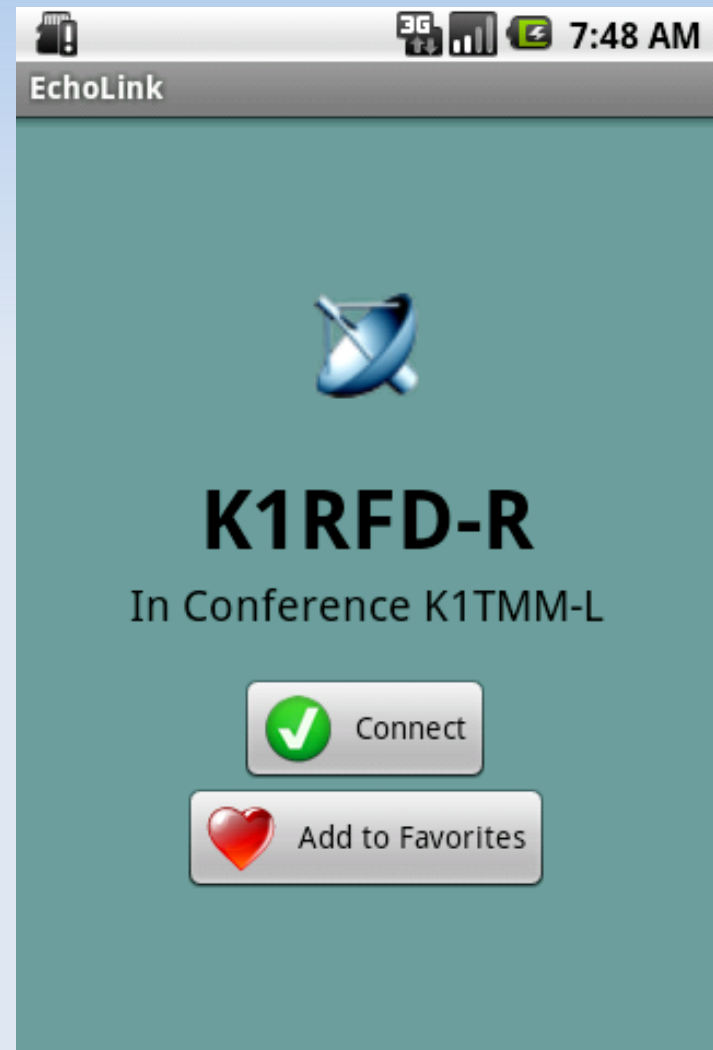
Satellite AR

- Uses Augmented Reality
- Use Camera To View Sky
- GPS Enabled
- ISS & Ham Sats
- Dish / DirecTV / XM Sirius
- NOAA WX Sats
- LOTS of other Satellites
- View Star Overlay



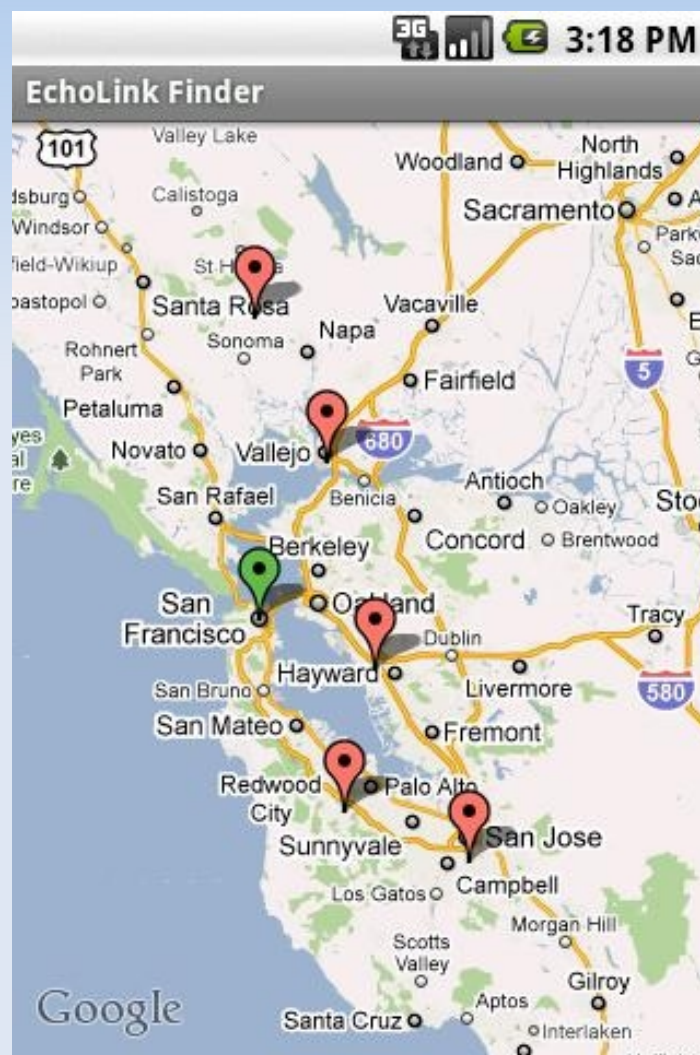
Echolink

- Connect to any Echolink system
- Uses Speaker & Mic
- Tap Screen for PTT
- Send Messages
- Worldwide QSOs



Echolink Finder

- Find Nearby Echolink Repeaters & Links
- View Node Info
- Uses Phone's GPS



Amateur Radio Call Log

- QSO Logging
- FCC Data Lookup
- Notes

The screenshot shows a mobile application interface for logging QSOs. The status bar at the top indicates 3G connectivity, signal strength, battery level, and the time 10:56 PM. The application title is "Add/Edit". The form contains the following fields:

Date	Time
07/15/2010	22:46
Station (Callsign)	WB6NOA
Frequency	14.035
Mode	CW
RST (TX)	559
RST (RX)	599
Comments	
Gordon West	

(Press Menu to Save)

QTH Locator

- Shows Grid Squares
- Finds Your Position



Amateur Apps

iPhone

iPod

iPad

Audio Kit

- Spectrum Analyser
- Sound Pressure Level
- Signal Generator
- Sine Waves
- White Noise
- Pink Noise



Call Book

- Callsign Lookup
- Track APRS Stations
- Pics from QRZ.com
- Map Location

Fido 6:08 PM

Done

Rafael Moreno Ruiz, EA6CA
son pinar 49
Felanitx
Balearic Islands, 07200
Class: A
Grid: JM19nl
Lat: 39.471517, Lon: 3.152218
ea6ca@hotmail.com



Islas Baleares
FELANITX

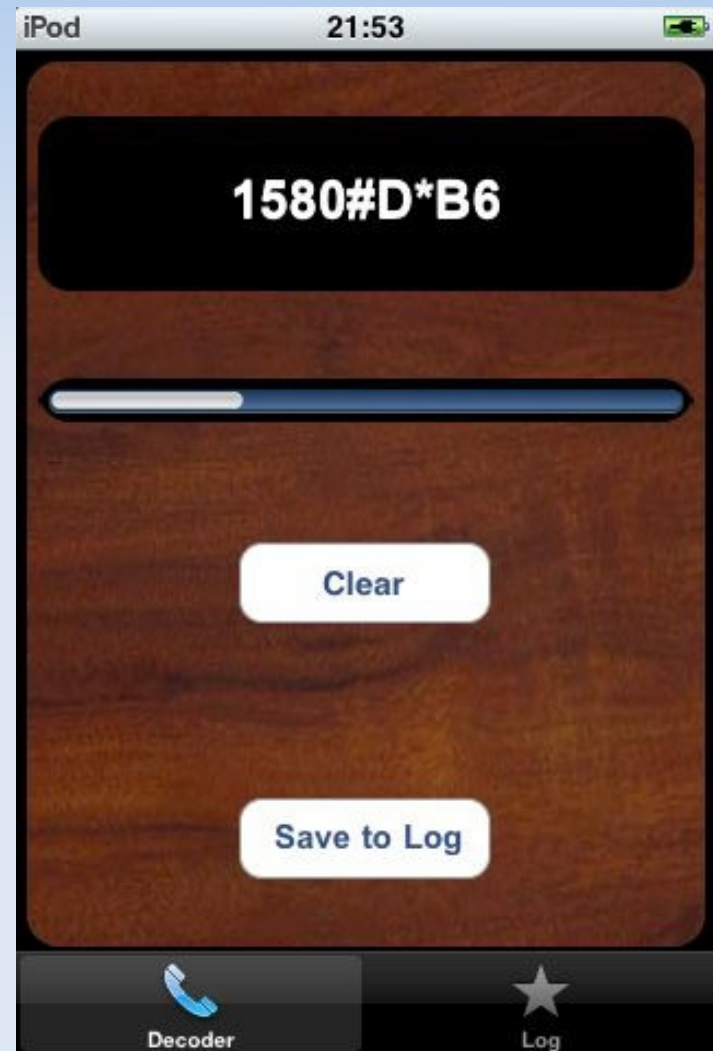
CQ 14 ITU 37

Show QTH

Email

DTMF Reader

- Decodes DTMF Tones
- Logs Tones Heard
- Uses Phone's Mic
- Includes "ABCD" keys



DX Hunter

- DX Alerts
- Log Files
- QSL
- Filter Band / Mode



Geo Sat Watch

- Real time satellite tracking
- Overhead sky track view
- Satellite pass predictions
- Pass alert notifications
- Customizable satellite sets



Ham for iPhone

- QRZ.com
- Solar Activity
- PSK Reporter



Iprop

- Propagation Info
- Max Usable Freq
- 0-30Mhz



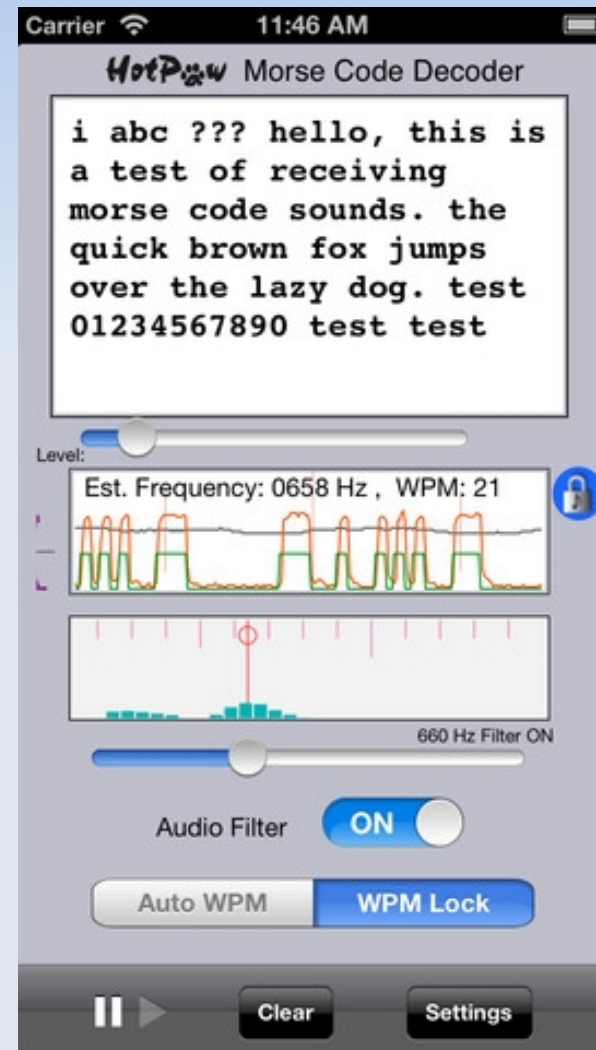
Transmission Line Calculator

- Calculates Loss
- Lots Of Coax Types
- Resistance
- Capacitance
- Velocity Factor

Transmission Line Calc	
Cable Information	
Belden 9913 (RG-8)	>
Cable Impedance: 50 Ω	
Velocity Factor: 0.89	
Length:	<input type="text" value="50"/> <input type="button" value="m"/> <input checked="" type="button" value="ft"/>
Frequency:	<input type="text" value="14"/> MHz
Matched Loss: 0.230 dB	
Electrical Length: 0.807 λ 290.41 $^\circ$	
Capacitance: 1230.0 pF	
Impedance Calculations	
Resistance:	<input type="text" value="120"/> Ω
Reactance:	<input type="text" value="0"/> Ω
Location:	<input type="button" value="Input"/> <input checked="" type="button" value="Load"/>

MorseDecoder

- Decodes CW
- 8-40 WPM
- 2 kHz low-pass pre-filter
- Audio Spectrum Analyser



Pocket Packet

- APRS
- Uses Phone's GPS
- APRS Messaging
- Decodes Audio From Mic
- Can Be Wired To Radio

