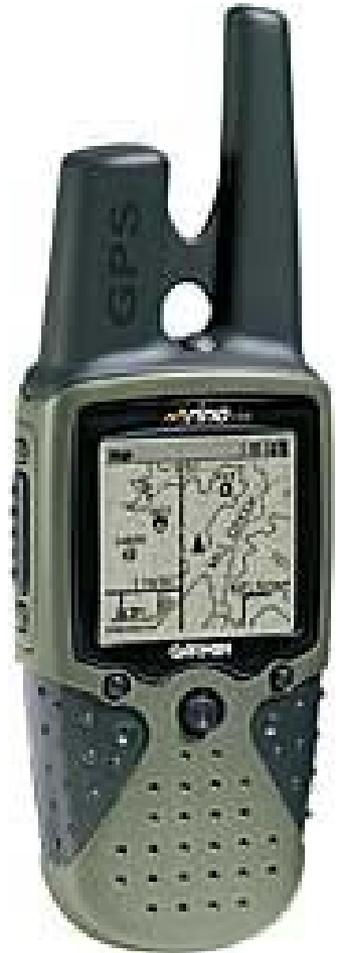


Garmin Rino 120/130

CCSOSARP Standard
GPS/FRS/GMRS



Objectives

- After this class you should be able to:
 - Power on a Rino
 - Set the radio channel & code
 - Set the unit name/ID
 - Enable Send/Poll Location
 - Poll a contact
 - Send location
 - Understand radio user interface basics

Objectives (cont.)

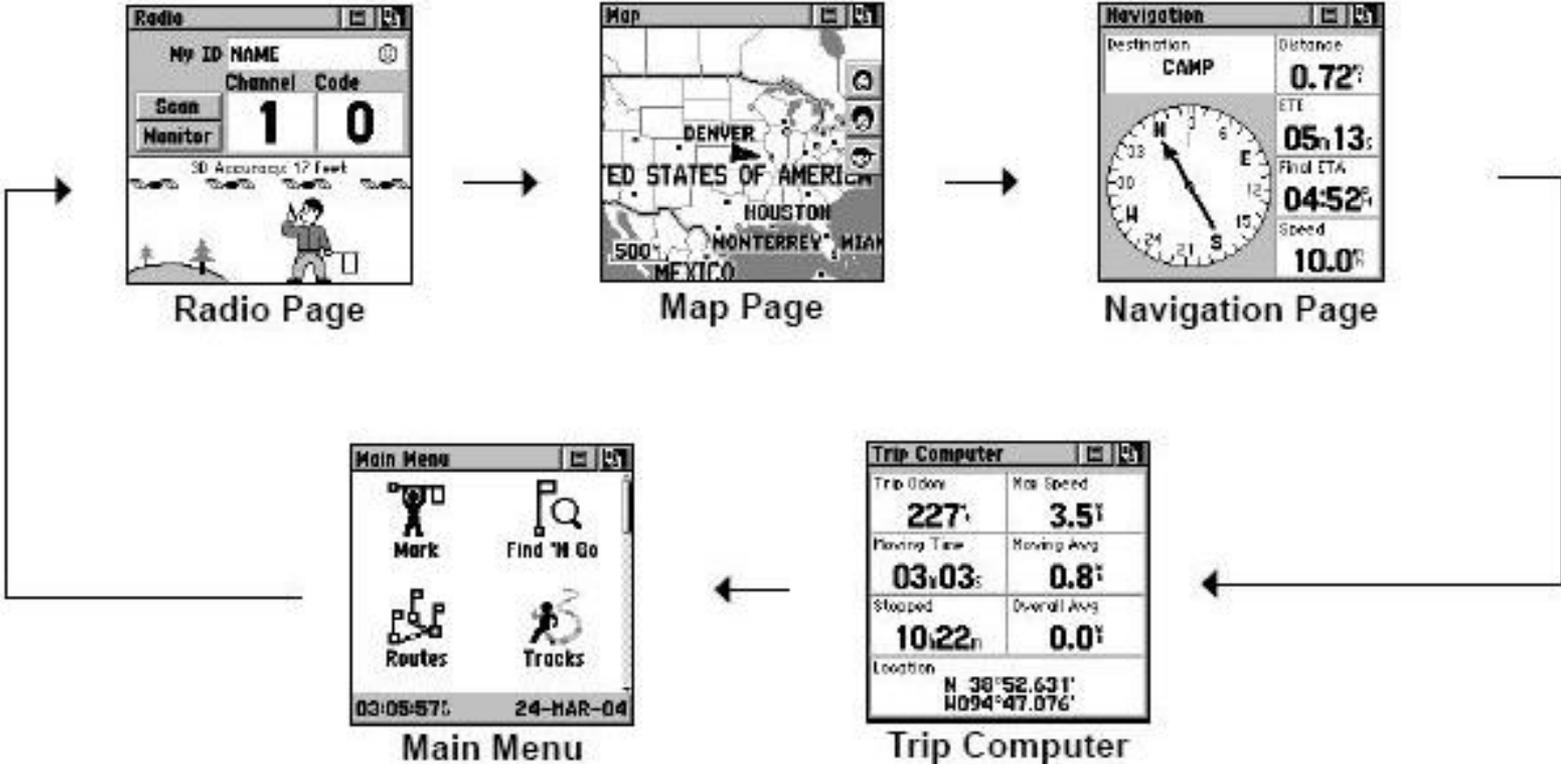
- After this class you should be able to:
 - Mark GPS Waypoints on Rino
 - Goto a Waypoint, Contact, or Place
 - Clear & Save Tracks & Trips
 - Determine distance and direction to a “Contact”
 - Navigate with the Navigation Screen
 - Understand GPS user interface basics

Rino Overview

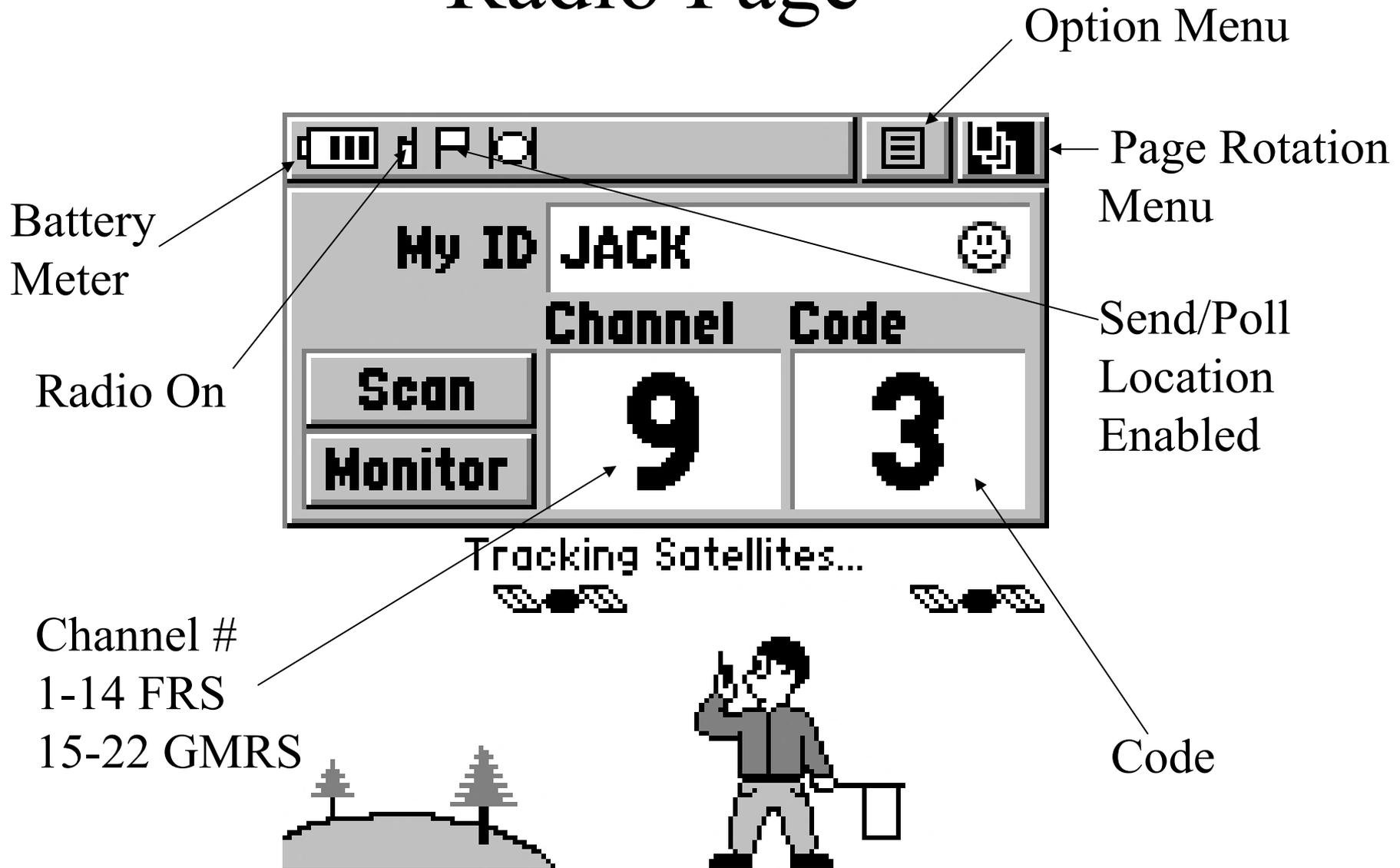
- Power on
- Menu System
 - Radio
 - Map
 - Nav
 - Trip
 - Main menu



Main Page Rotation Scheme, by Page/Quit Button or Main Page Menu (upper right status bar)



Radio Page



Key Radio Functions

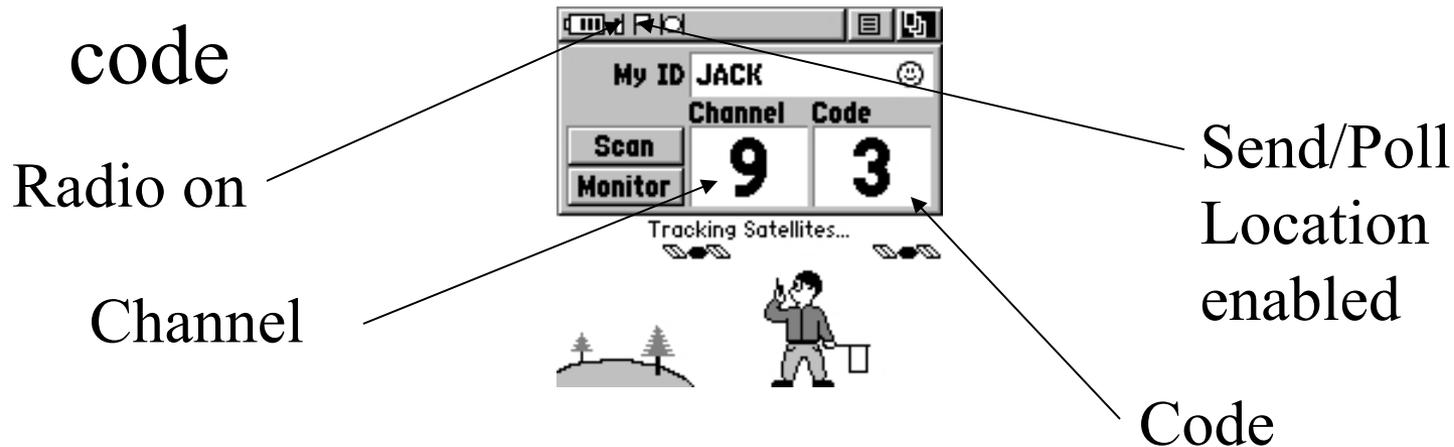
- Communicate
- Auto-location/Polling (enable)
- Setup channel/code
- Setup ID
- Contacts: accept, review, poll

Radio Controls



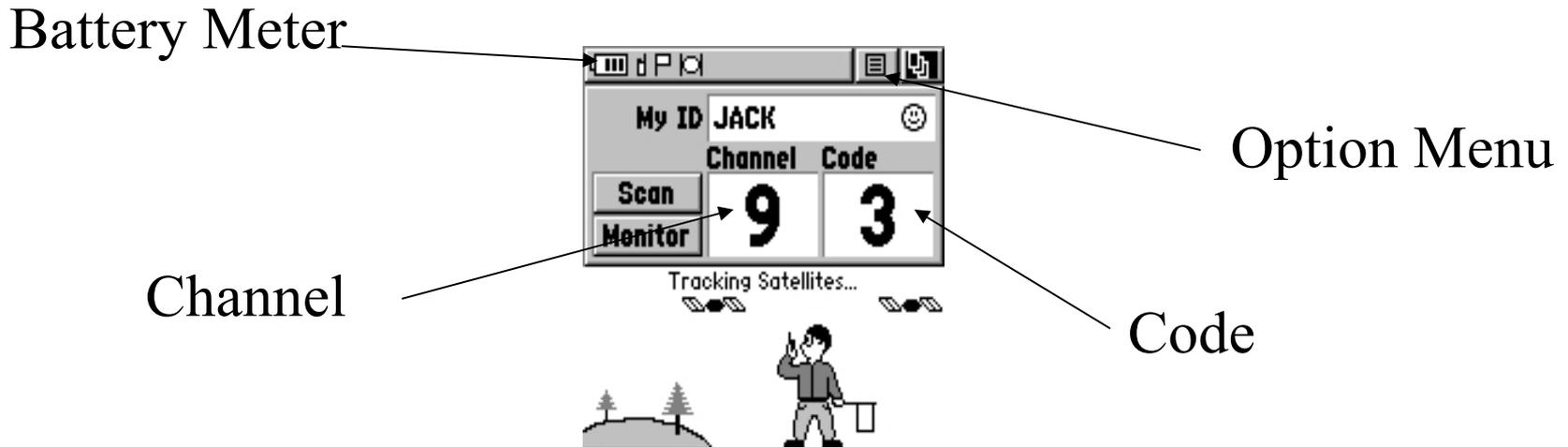
Radio Auto-location

- Sends location on Xmit (PTT) or Call
- FRS (or GMRS w/license)
- Must be on correct channel # w/correct code



Radio Auto-location

- To set channel/code:
 - Select channel/code box (turns black), w/joystick, press enter, select channel,code



Radio Auto-location

- FRS (or GMRS w/license)
 - Must have correct ID (Assigned according to CCSOSARP S.O.P TBD)



ID set like
channel/code select
& edit w/joystick

Radio setup to enable Auto-Location

- Setup from Radio Page Menu

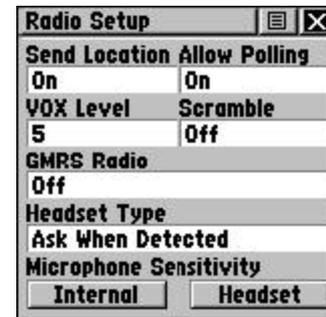
Select options menu here



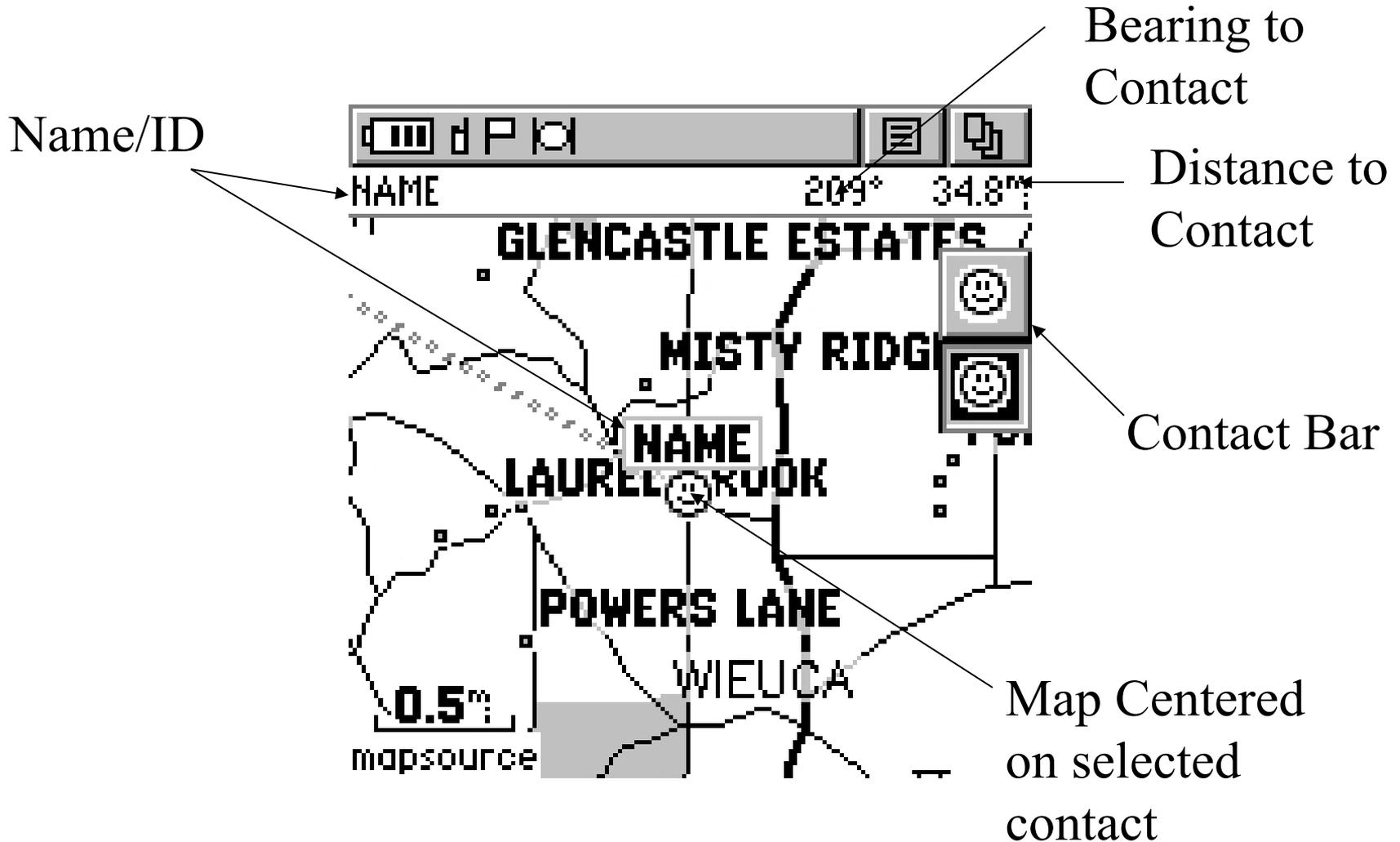
Select
Setup Radio
here

Radio set up page

- Send location & Allow polling- must both be **ON**
- Many other radio options are here too
 - VOX level
 - GMRS on/off (GMRS requires license)
 - Headset type
 - Microphone sensitivity



Contacts Map display



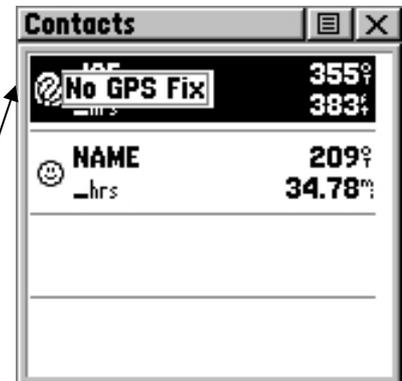
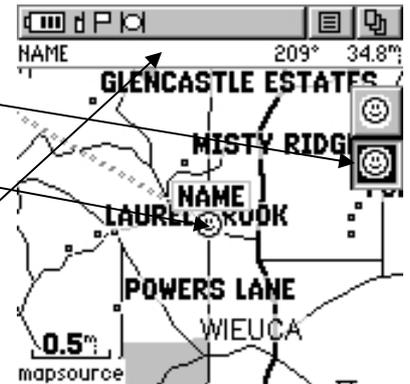
Selecting Contacts

- When a new contact is received, “**New contact page**” will appear, selecting “**OK**” will add new contact Icon to list on Map page



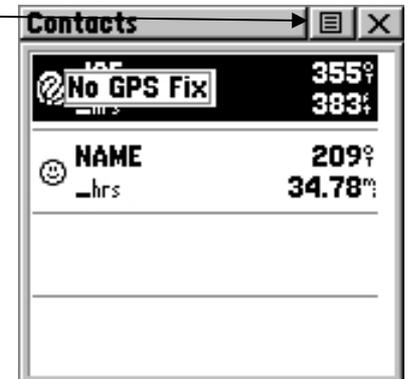
Review Contact

- To review a Contact, Highlight the desired contact on the contact bar
- Map page will center on contact
 - Display-name, direction, distance
- Or
- From Find 'N Go Menu-
select “**Contacts**”, select contact



Poll a Contact

- Polling a Contact is requesting that Contact's Rino send you it's location (with out Contact intervention).
 - From the contacts detail page (accessed by Find 'N Go or map page Icon) select the “**option menu**”
 - Select “**Poll Location**”



Top Level Menus - Radio

- Many ways to get there
 - Nested menus
 - Joystick navigation
 - Page/Quit button
 - Shortcut menu, zoom button

Key GPS Functions

- Set Waypoint
- GoTo
- Clear Trip & Tracks
- Navigate
- Determine distance & direction of “Contacts”

GPS Controls

On/Off
Screen
illumination
contrast

“Click Stick”™
Joystick w/enter

MAP
Zoom/return
to MAP

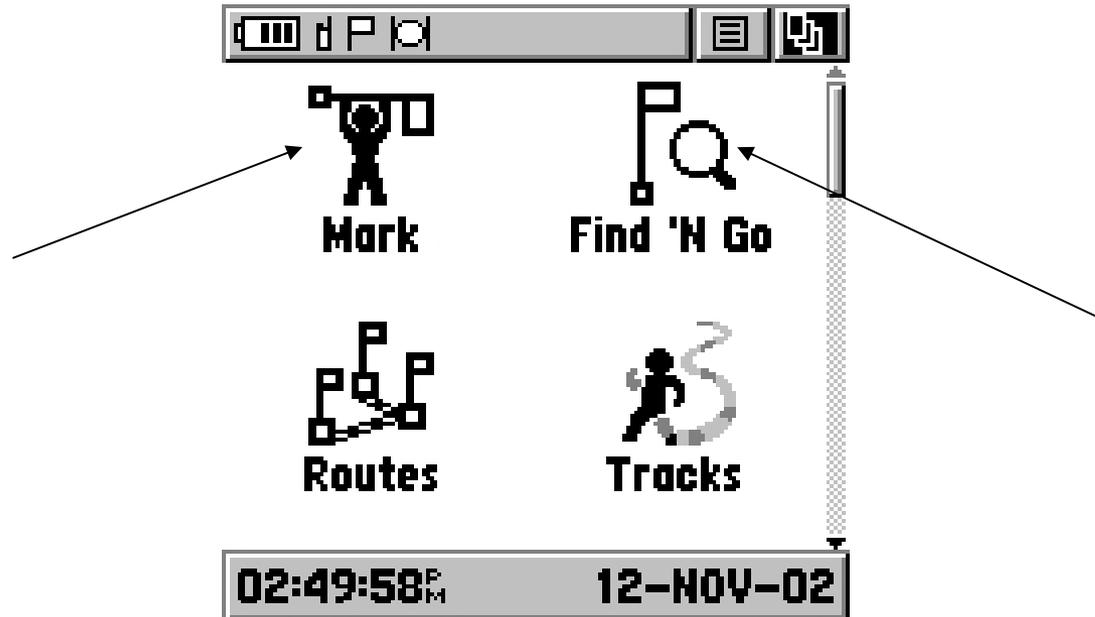


Setting Waypoints & Goto

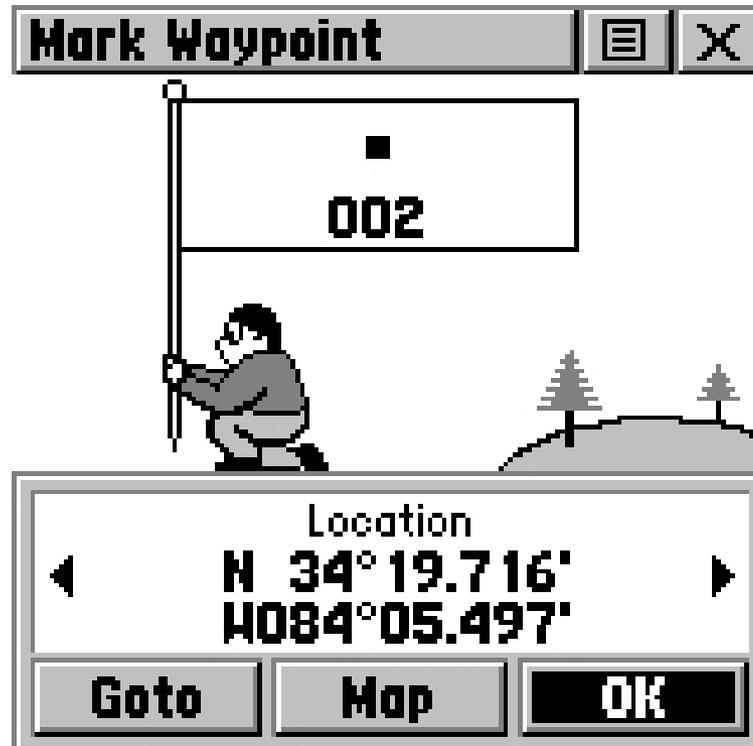
- From any menu pressing the joystick/enter and holding for 1-2 seconds brings up the Shortcut menu
 - This menu allows you to **Mark** (current location as a) **Waypoint**.
 - **Find & Go** (Goto) menu
 - **Enable Disable keylock** (keyboard can be locked/unlocked)

Setting Waypoints & Goto (cont.)

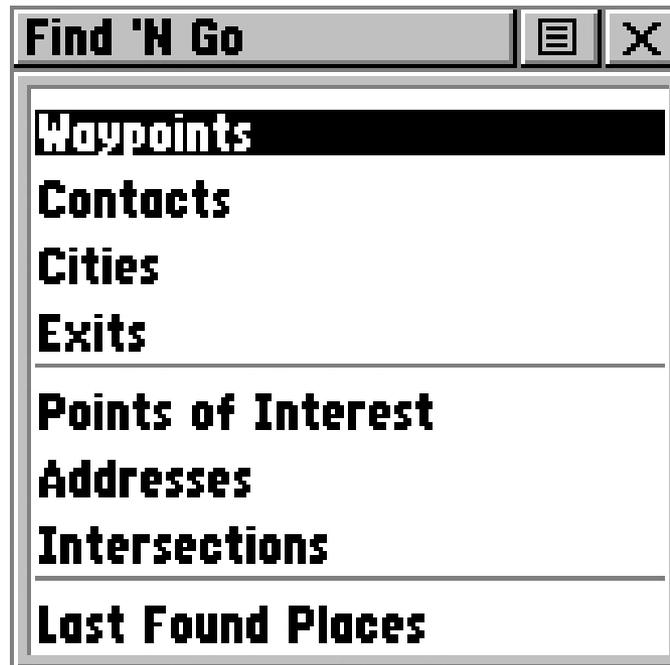
- **Set Waypoint & Find 'N Go** can be set from **Main Menu** as well



Mark Waypoint Screen



Find'N Go Screen

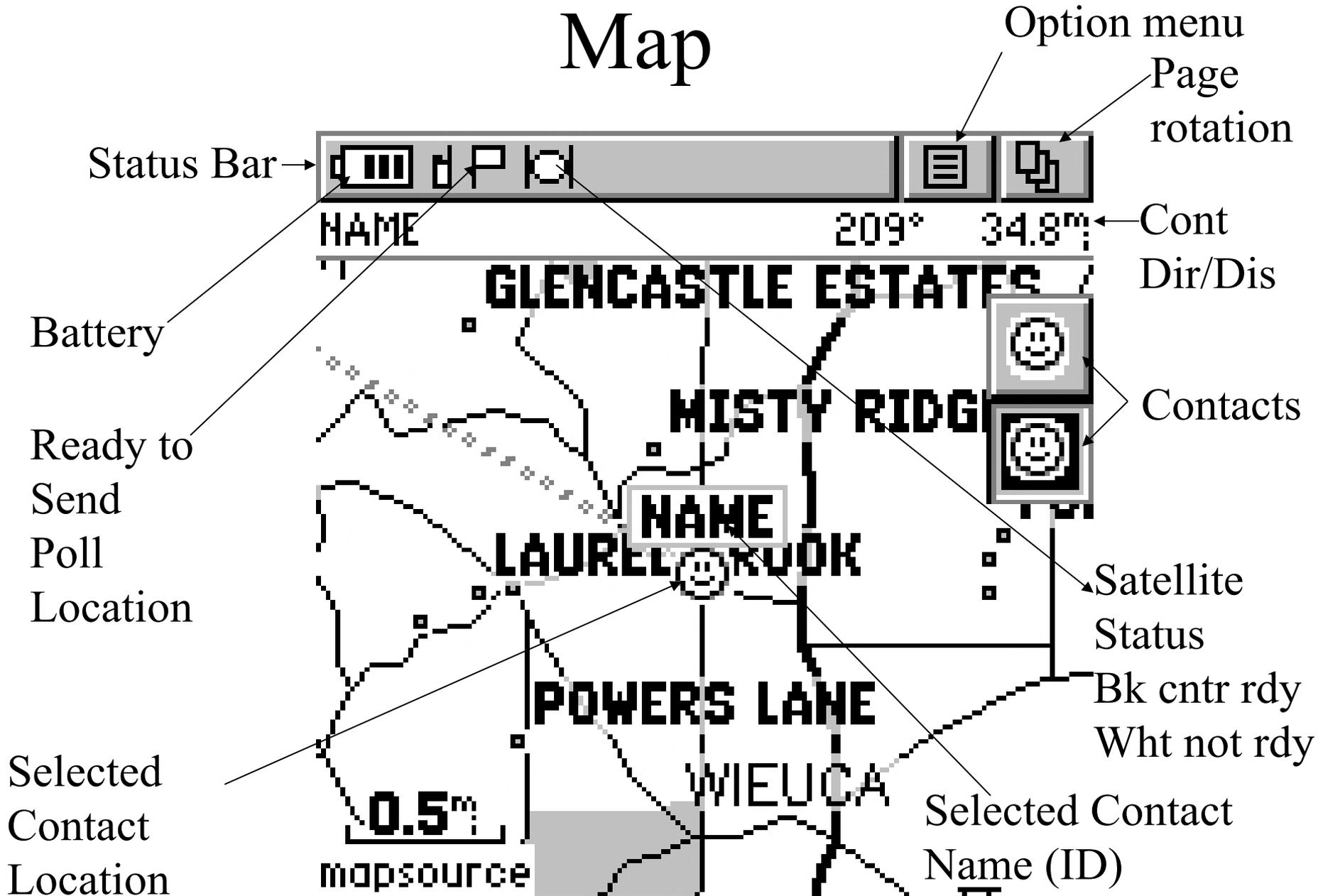


Top Level Menus - GPS

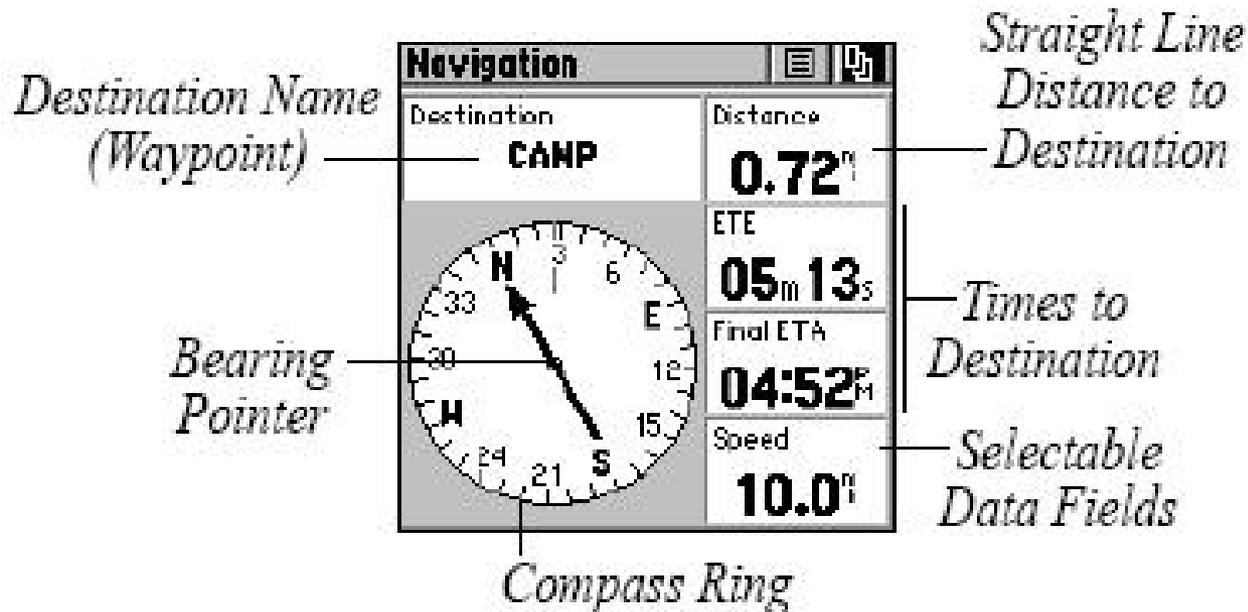
Screen shots

- Map
- Navigation
- Trip
- Main

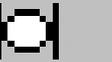
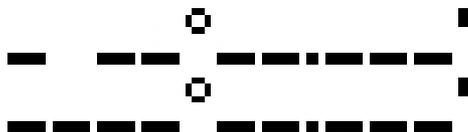
Map



Navigation



Trip

| | | | |
|---|---------------------------|---|--|
|    | |   | |
| Trip Odom | Max Speed | | |
| 22.9^m | 77.2^{m/h} | | |
| Moving Time | Moving Avg | | |
| 01^h06^m | 20.5^{m/h} | | |
| Stopped | Overall Avg | | |
| 17^h33^m | 1.2^{m/h} | | |
| Location | | | |
|  | | | |

Main Menu 1



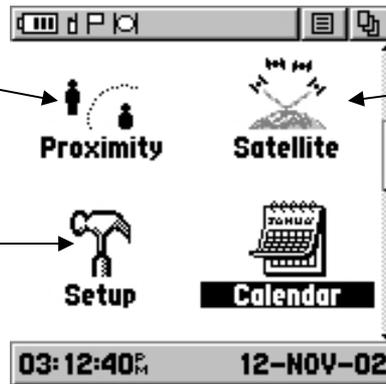
Main Menu 2



Key Sub menus from Main

Proximity alarms

Setup menu

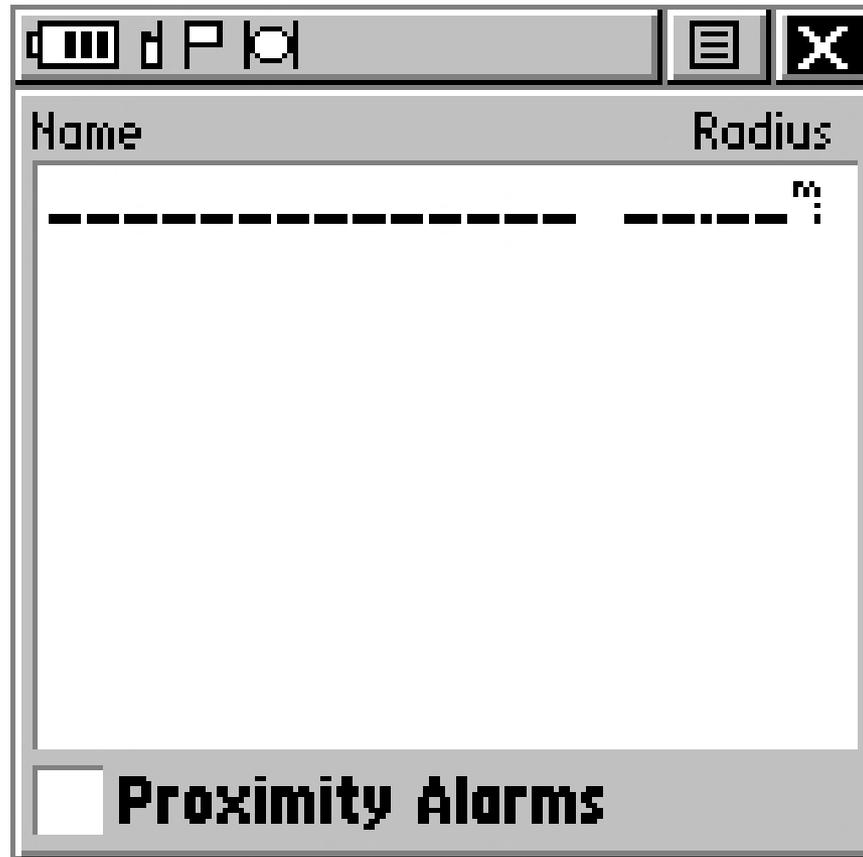


Satellite page

Setup

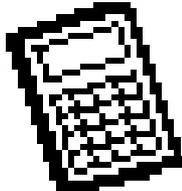
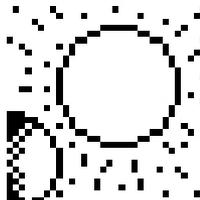


Proximity



Main Menu 3

The image displays a mobile application interface titled "Main Menu 3". At the top, there is a status bar containing icons for battery level, signal strength, and a clock. Below this, the main menu features four application icons arranged in a 2x2 grid: an alarm clock, a calculator, a stopwatch, and a sun and moon icon. The "Sun & Moon" icon is highlighted with a black background. To the right of the icons is a vertical scrollbar. At the bottom, a status bar displays the time "03:16:13_M" and the date "12-NOV-02".

| | |
|---|---|
|  Alarm Clock |  Calculator |
|  Stopwatch |  Sun & Moon |

03:16:13_M 12-NOV-02

Main Menu 4

The image shows a main menu interface with a top status bar and a bottom status bar. The top status bar contains icons for battery, signal strength, and a circular icon on the left, and a list icon and a window icon on the right. The main menu area features three options: 'Hunt & Fish' with a fish icon, 'Area Calculation' with a triangular grid icon, and 'Games' with a game controller icon. The 'Games' option is highlighted with a black background. A vertical scrollbar is on the right side. The bottom status bar displays the time '03:21:25 PM' and the date '12-NOV-02'.

Hunt & Fish

Area Calculation

Games

03:21:25^{PM} 12-NOV-02

Top Level Menus (cont.)

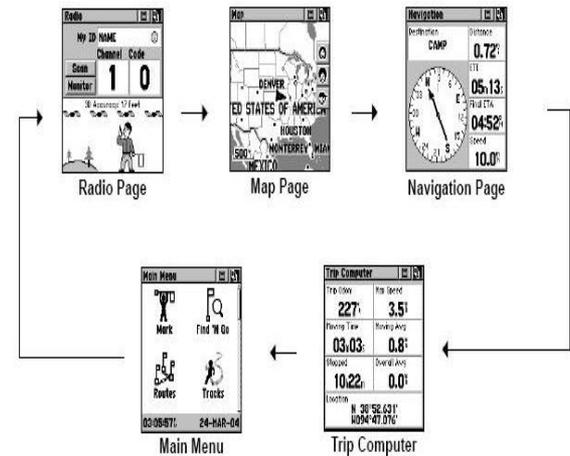
- Many ways to get there
 - Joystick
 - Select Rotation
 - Icon in status bar
 - drops a list of
 - selectable pages



Top Level Menus (cont.)

- Many ways to get there
 - Page/Quit button

Page/Quit



Top Level Menus (cont.)

- Many ways to get there
 - Shortcut menu
 - Zoom

Press & hold joystick/enter for Shortcut menu



From any page other than MAP, Zoom returns to MAP

Summary

- GPS & Radio functions follow nested menus
 - Menus are accessible by:
 - Sub-menu/joystick
 - Page/Quit button
 - Enter hold (shortcut)
- Radio operations require proper setup to allow location ID
- Garmins Controls and displays are redundant with many paths to the same information