



The LoranGPS program is a tool to organize and manage your book of GPS (and Loran) waypoints (AKA: readings). It is easy to use and will make your waypoints work better for you. It helps you to plan fishing trips that save time and fuel and to analyze your waypoints for promising areas to explore. You can add more waypoints and then organize and print a new book quickly and easily. Then upload the waypoints to your GPS and have a hard copy of what is in the GPS.

The LoranGPS program, introduced in 1986, has been refined through the adoption of many suggestions from users. It features the ability to manage the upload/download of waypoints from and between a variety of GPS units. Some of the key features of the program are:

- Upload/download Furuno, Garmin, Lowrance, NorthStar, and Raymarine GPSs
- Print your book of waypoints and charts organized the way you like them
- Store up to 32000 waypoints per file.
- Convert from Loran to GPS and visa versa. Including obsolete Loran chains.
- Sort numerically or alphabetically on any field
- Display in predefined or user defined spreadsheet modes.
- Enter GPS data in any of four different formats: dd mm ss.s, dd mm.m, ddm.m, dd.d
- Display on simple charts, NOAA charts, or 2-D bathymetric charts with:
  - Pan and zoom anywhere, and in any scale
  - Center the chart on any waypoint
  - Expand any portion of the chart
  - Identify any waypoint by clicking on it
- Print maps with your waypoints, and/or Lat/Lon grid, Loran grid, and coastline
  - High resolution coastlines are included on CD
  - Print your labels and symbols on maps
- Highlight duplicates and near duplicates for combining/purging
- File structure is dBASE III
  - Can be read and edited by EXCEL, dBASE, and other data base programs.
- Plan trips (routes) on split screen with pick-from-file operation.
- Includes utilities for:
  - File import/export: Garmin, Furuno, Raymarine, Lowrance, C-Map, MapSource, GPX, Ozi, NMEA, MapTech, P-SEA WinPLOT, Loran Locator, Fugawi, ASCII and Raytheon
  - Precision calibration of calculations from Loran to GPS
  - Find another boat's position from your location and range/ bearing.
  - Harvest Lowrance sonar log file for good spots
- Real-time track plotting for your present position and track
  - Up to 32,000 points per track; selectable track style
  - Capture present position or track to file
  - Determine range and bearing to any waypoint in view
  - Interface cable is not supplied

Free telephone assistance (in English) is available.

To get the LoranGPS program, you can contact us on-line, call, or mail us along with your address, phone number, and e-mail address to:

ANDREN SOFTWARE CO. 906 S. Ramona Ave., Indialantic, FL 32903-3435  
321-725-4115

Version 7.4 for WINDOWS 95 through Windows 7

\$85 (plus \$5.10 tax in Florida)

Or e-mail us at: [sales@andren.com](mailto:sales@andren.com)

This is a sample file display using TDs and Lat/Lon. You can alternatively select TDs and Range & Bearing or Lat/Lon and R&B.

Num	TD1	TD2	LAT	LON	Ratg	Description	Ch
222	13927.5	62618.1	2423.575	8139.836	9*	LOBSTER NIRVANA	3
223	13930.7	62611.5	2423.532	8138.210	?	RB#	3
224	13943.1	62591.6	2423.245	8132.693		8' LEDGE	3
225	13900.7	62669.7	2422.940	8152.528	2f31	WRECK ROCK	3
226	13903.8	62662.2	2422.498	8150.642	HWY	HIGHWAY 1 KENS	3
227	13908.7	62655.2	2422.194	8148.805	5	ROCKY	3
228	13918.6	62631.6	2422.127	8143.077		70' 4' BREAK	3
229	13913.1	62647.5	2421.568	8146.348		BETTER LUCK NEXT TIME	3
230	13909.2	62648.5	2421.472	8147.200	+++	RED SLUDGE BARGE	3
231	13909.2	62648.5	2421.466	8147.203	?	GOOD FISH SHOW, POSSIBLE STRUCT	3
232	13926.6	62616.7	2421.411	8139.279	soso	ROCKY BOTTOM DAYTONA CATS	3
233	13908.7	62655.0	2421.164	8148.182	5	ROCK	3
234	13908.0	62654.4	2420.542	8148.004	8	LEDGE	3
235	13908.2	62647.3	2420.422	8146.851	**	RB HOGS	3
236	13896.4	62666.9	2419.312	8151.660	9	LEDGE GOOD FISHing	3
237	13916.2	62633.7	2419.135	8142.799	*	HELMET LEDGE 8# LOBS	3
238	13911.4	62637.6	2418.213	8144.250	good	RB +MD	3
239	13908.4	62642.7	2417.932	8145.502	poor	"BREAK"	3
240	13935.5	62580.1	2416.674	8130.002		4' CHECK DWD	3

This is the simple graphic display. You can alternatively show on a NOAA chart or 2D Bathy chart.

