

## Conversion service is available.

Andren Software will convert your Loran data to GPS using SeaMarks and return you an emailed file with the data and a chart. The fee is \$30 flat rate if no typing by us is needed to convert the file. The file should be transmitted to us in an email as a simple comma separated file or an Excel spreadsheet. If you want GPS data from one brand converted to another brand or model, we can do that too. If we have to type the data in, then there is an additional typing charge of \$30 per 50 waypoints or fraction thereof.

The preferred form of data wanted is a comma delimited pure text list like:

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17429.1, 43867.5, PAULS, AWFUL LEDGE PAULS REEF
17362.9, 43707.8, PFHEW, PHONEY LEDGE DO NOT STOP HERE
17362.5, 43913.2, WP0003, WHALE SNOT POT HOLE
17348.0, 43701.6, NONEXIST, 800 LB SPONGE IN BLUE HOLE
etc.
```

This is a file with four fields: TD1, TD2, NAME, DESCRIPTION. If you want more fields in the list, like icon or depth, then you can add them too. The minimum number of fields is 2: TD1, TD2. Just make sure that however many fields there are in the list, there are one fewer commas. All rows of the list should have the same number of fields (and commas). If any field data is missing, just leave it blank, but include the appropriate commas. Do not double space the rows.

The list can be embedded in an email or in a text file or spreadsheet attached to an email. If you mail a hand written, image of, or typed list, then the higher (typing) cost applies. We also need an initial lat/lon estimate of the location of the points to be converted. It should be within 50 miles of the points to be converted to let us know what Loran chain is being used. That would be like: 28 05.0N 80 13.0W for offshore Melbourne Florida. You could use the name of the nearest city or inlet instead, like Port Canaveral.

An Excel spreadsheet is also OK. Make it one waypoint per row with no commas or quotation marks. The file should have two columns for the loran numbers, up to 10 columns for other data, and no blank rows. You can include a header row with column names.

Email the file to [support@andren.com](mailto:support@andren.com)

These are some conversion options:

1. Conversions from one GPS brand's format to another is \$30, flat rate.
2. Conversion of a properly formatted digital list of Loran TDs to Lat/Lon is \$30 flat rate.
3. If you want Loran data converted and returned in a file to import into your GPS, let us know the make and model of the GPS. The cost is \$40
4. If you want option 3 and want the results shipped to you on a 2GB SD card the cost is \$50

Conversion Service. for Loran TDs Flat rate is for a formatted file emailed to us. If typing is needed then quantity equals 1 plus the number of blocks of 50 waypoints. For other options like this, please contact Andren Software by phone or email to get a quote.

Generally customers first send in the file/picture/data and that way we can verify it is usable and give a quote. See the Purchase page to order.

Occasionally, the data is in a very clean typed form that can be OCR'd using a copier or dedicated Optical Character Recognition software such that typing is not necessary. However, while this offers lower costs, it is not always faster and easier than typing.

Send your file or data to [Sales@andren.com](mailto:Sales@andren.com).

If there is a question, then call 321-725-4115 or send an email.

If what you need is to recover data from an old GPS that does not have the capability of saving the waypoints/routes/tracks to a common flash drive like an SD or CF card, but uses a proprietary card for which you cannot find a reader, then contact us to see if we have that. We can generally handle the Furuno or C-Map cards.

Sometimes it is possible to recover your points via a cable connection. That might require mailing it to us to perform the data recovery. Call to discuss this.