R2R:Nav Data Format

The ISO-compliant ASCII R2R:Nav format, used by the Rolling Deck-to-Repository initiative (http://www.rvdata.us/), comprises three tab-separated columns.

The data records are formatted as shown in the table.

Column	Content	Format	Example
1	Date/Time	YYYY-MM-DDTHH:MM:SSZ	2007-11-06T23:57:01Z
2	Longitude	Decimal degrees (-180/180)	-155.462942
3	Latitude	Decimal degrees (-90/90)	-24.625718

Note that the date/time column has four parts:
- Date stamp in YYYY-MM-DD format.
- T – denotes the start of the time stamp.
- Time stamp in HH:MM:SS format.
- Z – denotes that time is in Coordinated Universal Time (UTC), which is also known as "Zulu Time" (the radio word for "Z" is "zulu").

There are no spaces between the four parts in the date/time column.

Here is an example of a properly formatted R2R:Nav navigation file:

```
2007-11-10T23:58:00Z    64.626845    -15.341032
2007-11-10T23:59:00Z    64.629170    -15.342780
2007-11-11T00:00:00Z    64.631575    -15.344415
2007-11-11T00:01:00Z    64.634063    -15.345898
```