Package: motusData (via r-universe)

July 20, 2024

Type Package

Title Data package containing sample motus data

Version 0.1.0

Maintainer The package maintainer <yourself@somewhere.net>

Description Data package that contains sample motus data for use with
the motus RBook.

License GPL-3

Encoding UTF-8

LazyData true

RoxygenNote 6.0.1

Repository https://birdscanada.r-universe.dev

RemoteUrl https://github.com/MotusWTS/motusData

RemoteRef HEAD

RemoteSha e41c880761cf153df71e348c4f66b6fb292ca2a9

Contents

vanishBearing	*Sample motus detection data filtered to remove ambiguities*

Description

Flat data file of motus sample data that has been filtered to remove ambiguious tags belonging to
other projects.

Usage

```
vanishBearing
```

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Format

A data frame with 50917 rows and 68 variables:

ts timestamp, in seconds since 1 Jan, 1970 GMT; precision: 0.1 ms (SG); 2.5 ms (Lotek).

sig signal strength in "native units"; for SG: dB (max) (logarithmic, 0 = max possible, -10 = 0.1 * max, etc.); for Lotek: raw value (0...255)

motusTagID Motus tag ID - unique to each individual tag registered

tagDeployID Motus tag deployment ID - unique to each individual tag deployment

tagBI burst interval of tag, in seconds (e.g., 5.8984)

pulseLen tag pulse length (milliseconds), if applicable. This value is only assigned based on the sample recording of the tag.

port antenna code (for sensorgnomes, USB port number; for Lotek, whatever they use, usually numeric, but can be e.g. AH0)

mfgID manufacturer ID

recvDeployID Motus receiver deployment ID - unique to each individual receiver deployment

recvLat Latitude associated with a receiver deployment, (degrees North)

recvLon Longitude associated with a receiver deployment, (degrees East)

recvSiteName name assigned to a site by the project manager (e.g. location name). This field is optional, and the same label can be used for multiple deployments.

antType character; antenna type, e.g. "9-element Yagi", "Omni"

antBearing numeric; compass direction antenna main axis is pointing at (degrees clockwise from local magnetic North 0-360)

antHeight numeric; height (meters) of antenna main axis above ground

speciesEN species English (common) name

Source

sample data provided by the Morbey et. al. (2017)

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