

# LoRa APRS

there are at least two different systems. The system commonly used in DL and OE uses these parameters:

## LoRa settings

Frequency: 433,775 MHz

Spreading Factor: 12

Bandwidth: 125kHz

Coding Rate4: 5 \ CRC enabled

## APRS Record

The LoRa header consists of 3 bytes: "< FF 01", followed by a standard APRS record as in this example:

```
DJ0ABR-7>APLT00,WIDE1-1:!4849.27N/01307.72E[/A=001421LoRa Tracker
```

the record consists of Source>Path, Destination:

Once the record is received by an iGate, the iGate completes the path and destination as follows:

```
DJ0ABR-7>APLT00,WIDE1-1,qAO,DB0SL-10:!4849.27N/01307.72E[/A=001421LoRa Tracker
```

The source is delimited with the > character and path/destination with the colon. After that comes the APRS info as described in the APRS specification.

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