

BINARY CODED WIRE TAG (CWT) FORMATS

Here is a list of formats of binary tags which are currently being produced.

1. **Standard** – This is the most common tag. It is 1.1mm long, .25mm in diameter, is batch coded and has four words (Master, Data 1, Agency, Data 2). Data capacity is 4,096 codes for each of 64 agency codes.
2. **Half-length** – This tag is .5mm long, .25mm in diameter, is batch coded and has six words (Master, Data 1, Data 2, Agency, Data 3, Data 4). Half-length tags are used when fish size (less than approximately 2 grams) cannot accommodate a larger tag. Data capacity is 32,768 codes for each of 16 agency codes.
3. **Sequential** – The sequential tag is the same size as the “standard” tag but has six words (Master, Data 1, Data2, Agency, Data 3, Data 4). Agency, Data1 and Data 2 are read like the standard format tag. However, Data 3 and Data 4 combine to make a sequence number which converts into an individual code for each tag. Each of the 4,096 codes (per agency) available in the standard format tag can have 10,000 sequential codes attached to it.
4. **Replicate** – The replicate (or sub-sample) format tag can be used to produce a specific type of statistical information. This tag is similar to the standard format tag except that it has an embedded replicate number from 1 to 7. To assist reading this format certain codes are not used, making the data capacity only 1,024 codes for each 64 agency codes.