Fields are shifted by one, causing a series of ZZZZZs to be included in the seed

Example:

http://service.iris.edu/fdsnwsbeta/station/1/query?net=AF&sta=TEBE&cha=LOG,BHZ&level=cha&starttime=2010-10-01

The two channels are added...

Adding channel blockette: 52|0| | BHZ | 0 | ^ | 2 | 5 | 0.0536 | 32.483 | 1132.0 | 0.0 | 0.0 | -90.0 | 3 | 12 | 40.0 | 2.5E-4 | 0 | G | 2010,256,0:0:00.0000 | 2599,365,23:59:59.0000 | N

Processing response data...

Adding channel blockette: 52|0| | LOG | 0 | ^ | 5 | 0.0536 | 32.483 | 1132.0 | 0.0 | 0.0 | 0.0 | 3 | 12 | 0.0 | 0.0 | 0 | 2010,256,0:0:00.0000 | 2599,365,23:59:59.0000 | N

But then there's a series of warnings....

WARNING: character '2' (value=50) is not acceptable for Blockette 52 field 21

Expected one of:

UpperCase

which is repeated for 0 1 , 5 6 : : and corresponds to the various digits of the start time.

followed by

Error with Integer field value for fieldNum=23 and fieldIndex=0: forcing default time value
blktype=0, value=N

the resulting blockette 52, in this case, includes the following field values:

B052F21 Channel flags: ZZZZZZZZZZZZZZZZZZZ
B052F22 Start date: 2599,365,23:59:59.0000
B052F23 End date: 2013,010,01:18:23.0000

this also has the effect of making the channel record have the end-date for a start date, and now as an end date

what I think is happening here is...

LOG channels have a type of <Type>HEALTH</Type> that is probably not being understood or parsed. Therefore there is an empty
field created in the Blockette 52, just before the dates. This empty field is then not recognized, and the resulting blockette comes up a field short.

**History**

#1 - 01/10/2013 02:49 PM - Yazan Suleiman
- Status changed from New to Resolved

#2 - 01/15/2013 04:52 PM - Celso Reyes
- Resolution set to Fixed
- Status changed from Resolved to Closed

The included example no longer works because the LOG channel has no response. Without a response, it is no longer a valid candidate for conversion. And therefore will not create the error.

The BHZ channel converts fine.