![Chandra X-ray Center logo]

What does this warning mean?

```
# hrc_process_events (CIAO 3.4): The following error occurred 224 times:
      WARNING: can't find a proper degap value for this raw coord. in hrc_evt1.fits.
```

The warning means that the new degap lookup table does not have a matched value for the given raw coordinate which most likely is out of the boundary. Events with such warning will be indicated as bad in the output status column.

This warning may be ignored in most cases, as long as the number of events flagged as out−of−sequence is a small fraction of the total number of events in the file. For example:

```
unix% dmlist hrc_evt1.fits blocks


--------------------------------------------------------------------------------
Dataset: hrc_evt1.fits blocks
--------------------------------------------------------------------------------


     Block Name                          Type         Dimensions
--------------------------------------------------------------------------------
Block    1: PRIMARY                      Null
Block    2: EVENTS                       Table        20 cols x 798768    rows
Block    3: GTI                          Table         2 cols x 7         rows

(224.0 / 798768.0) * 100 = 0.0280432
```

Since there are 798768 events in the file, the 224 that were flagged as out−of−sequence make up just 0.03% of the total events.

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