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## OBI: Observation Interval

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An Observation Interval (OBI) is an uninterrupted observing interval for a single ObsId. An ObsId may be broken into more than one OBI for a variety of reasons, one of them being that the original observation did not get enough good time.

An in-depth discussion of multi-OBI observations and how to analyze them can be found in the [Multi-OBI Observations](#) why topic.

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There are many ways to refer to an observation - Sequence Number, ObsID, etc. Here is a brief overview of how these pieces fits together:

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Proposal Number maps to
  N x Sequence Numbers maps to
    ObsIDs maps to
      OBIs x
```

where it is almost always true that  $N == M$  (i.e. there is one ObsID per Sequence Number).

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URL:  
<http://cxc.harvard.edu/ciao3.4/dictionary/obi.html>  
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## Dictionary Entry - CIAO 3.4