AT Nomenclature.

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This note documents several further definitions related to the scheduling and processing of AT observations. It is additional to a document by Ray Norris dated 13 Oct 1986 (AT/20.1.1/032).

Collection of data (with approximate time spans).

INTEGRATION: the fundamental unit for data collection. It is $5n$ or $5/n$ seconds in duration, where n is integral (seconds).

SCAN: a contiguous set of **integrations** on a single source (minutes).

OBSERVATION: all **scans** of all sources obtained in a continuous period of time assigned to one **project** (hours).

EPISODE: a) the period of time during which the pointing parameters have a particular set of values. A new episode starts and the previous one finishes whenever an antenna is moved, a feed horn replaced, or in the event of any similar action which would affect the pointing. We may distinguish between an **antenna episode** and an **array episode**.
b) the collection of **observations** made during an **array episode** (weeks).

SEQUENCE: all **scans** of a source obtained during a single **array episode** (weeks).

MONTAGE: all **sequences** of a source obtained for a particular **project** (months)

PROJECT: all **observations** arising from a particular proposal (months).

Single dish pointing calibration.

BEAMFIT: the operation of scanning an antenna through a point source calibrator in order to determine single dish pointing parameters.