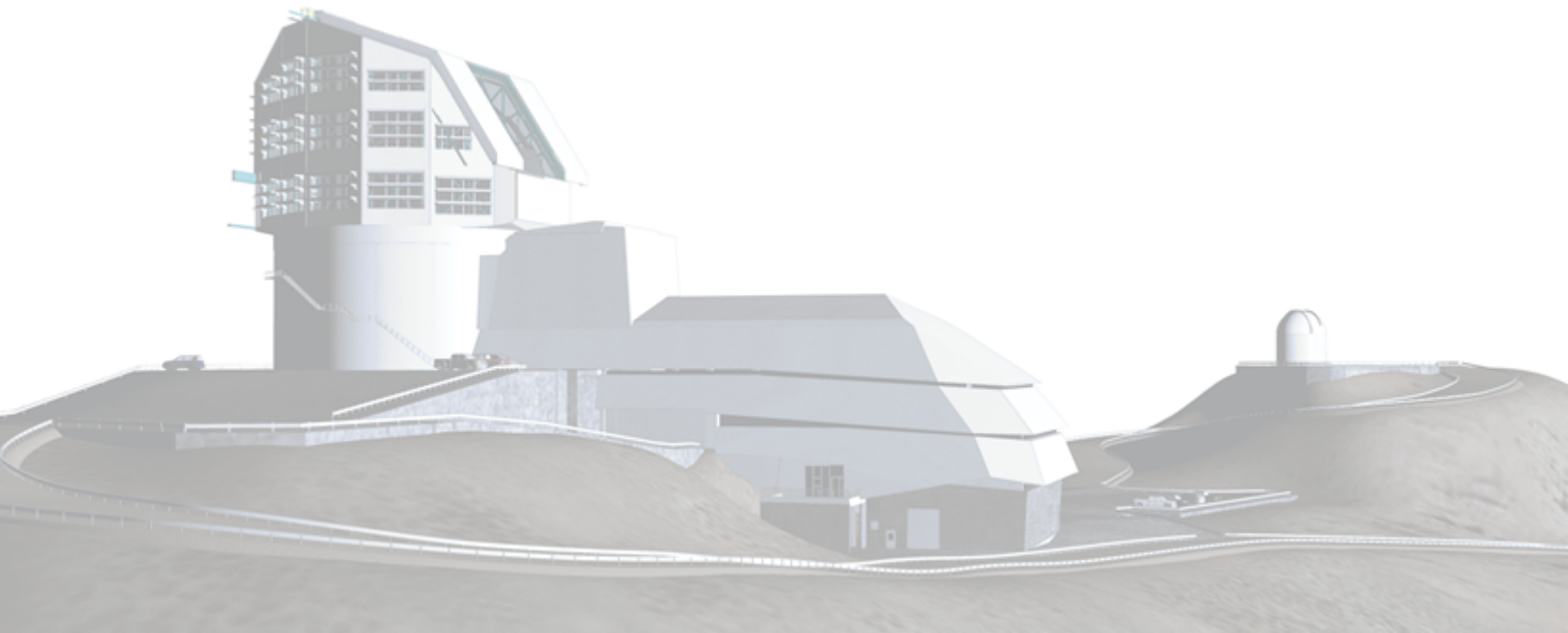

Vera C. Rubin Observatory
Data Management

Convention for identifying bits in a mask/flags image in FITS

Gregory Dubois-Felsmann

DMTN-252

Latest Revision: 2023-07-10

Abstract

Describes a convention used by the Vera C. Rubin Observatory and other projects for the identification of individual bits in a ”flags image” or ”mask image” - an integer-valued image in which individual bit planes are assigned to represent a set of Boolean values associated with individual pixels in an accompanying main image. The convention supplies a symbolic name for each bit plane, and optionally a description string. This convention applies to the serialization of such a ”flags image” in FITS.

Change Record

Version	Date	Description	Owner name
1	YYYY-MM-DD	Unreleased.	Gregory Dubois-Felsmann

Document source location: `https://github.com/lsst-dm/dmtn-252`

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