

**National Mapping Program
Technical Instructions**

Standards for Digital Line Graphs

**Department of the Interior
U.S. Geological Survey
National Mapping Division**

Standards for Digital Line Graphs

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SUMMARY OF CHANGES

Change Notice 9/99

The procedure for determining header dates is changed for DLG's collected from maps, regardless of when the map was printed or whether or not it was prepared as a minor revision. Information on the header dates for the Boundaries category is added. The use of the procedure qualifiers are eliminated from future DLG collection.

Change Notice 7/98

Changes to Part 2 include the modification of DLG header records A.2 and A.4 in appendix 2-B. Part 3 changes include revisions to spot elevation collection requirements, the addition of descriptions for Obsolete Contours (020 0209) and Earthen Construction (050 0618), the addition of a new code for Fracture (808 0201), the elimination of Under construction (200 0602) from Manmade features. Elevated (050 0603) has been added to the list of descriptive attribute codes used in conjunction with a ditch or canal. The code for "Submerged or in ford" (170 0606) can no longer be applied to trails. Instructions have been added to clarify the treatment of shorelines when a national boundary falls within a double-line stream. More examples have been added to the partial list of Township Duplicates on page 3.11-22. Land grant codes that were assigned by USGS, but not included in the BLM data dictionary, have been identified with an asterisk in Appendices 3.11.C and 3.11.D. Also included are corrections to a number of minor errors and typos.

Change Notice 7/97

The State of Florida and USGS have agreed to a cooperative program to revise PLSS DLG's for 7.5' maps covering the State of Florida. In addition to revising traditional DLG content, Florida will assign BLM feature identification codes to each found corner. Florida will also add codes to identify which Found Section Corners and Quarter-Section Corners have field-derived coordinate values. Codes have been added to identify those field-derived coordinate values, when provided from the State of Florida. These change pages include slight revisions to some current code definitions and an appendix 3.11.E that defines the 600-series major codes used for this cooperative revision.

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SUMMARY OF CHANGES Continued

Change Notice 12/96

In June 1994, the NMD changed the way dates are treated on maps to better indicate map currentness. To be consistent with the change in map date treatments and with current digital revision standards, it is necessary to modify the treatment of dates in the DLG header. During the summer of 1996, the NMD abandoned the DLG standard format product. Information concerning the standard format is still included in the standard, however, it has been noted that it is no longer available to customers. Part 2 is the only part affected.

Change Notice 7/95

Recently, many significant changes were made in software, collection and revision processes, and the addition or deletion of attribute codes. To incorporate these changes, this change notice provides a complete revision of Part 3.

Change Notice 5/94

Revisions to the edge matching policy and clarification of the map projection parameters require a change to Part 2.

Change Notice 5/93

To improve production costs and to maximize the availability of current digital data and map products, this change notice to Part 2 eliminates the requirement to collect an angle of orientation for features in DLGs.

Change Notice 11/92

This change to Part 2 acknowledges that NMD has been unable to meet the present DLG positional accuracy specification and modifies the standard to an accuracy specification that better reflects DLG operational and equipment collection capabilities. The new accuracy specification will enable DLGs collected by other organizations to meet NMD Standards and will aid in the population of the National Digital Cartographic Data Base.

Change Notice 10/91

This change to Part 1 updates the format of the standardized category names for digital files to include a long form, short form, and abbreviation.

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LIST OF PAGES

A complete and current copy of the Preliminary Pages for Standards for Digital Line Graphs, consists of the pages (and most recent creation or revision dates) listed below.

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