## **PDS Policy on Use of Checksums**

PDS Nodes will use MD5 checksums to ensure that all information (data and metadata) remain intact and unaltered while stored or being transferred. PDS nodes will maintain manifest files (in a PDS-specified common format<sup>\*</sup>) that contain checksums for all files within their respective archive holdings. MD5 checksums will be provided for all transfers to, within, or from the PDS.

<sup>\*</sup>The common format will be specified by the Engineering Node; the initial choice is the output format of md5deep.

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