Appendix A.

MER OPGS EDR AND CAMERA RDR ARCHIVE VOLUME CONTENTS

A.1 Applicable Documents

1. Mars Exploration Program Data Management Plan, R. E. Arvidson and S. Slavney, Rev. 3, March 20, 2002.
2. Mars Exploration Rover Project Archive Generation, Validation and Transfer Plan, Rev. B, R.E. Arvidson, S. Slavney, and J.A. Crisp, JPL D-19658 Rev. B, July 14, 2004.
3. MER Operations EDR and Camera RDR Data Products SIS, D. Alexander and H. Mortensen, Ver. 4.0, JPL D-22846, February 23, 2005.
4. MER APXS EDR Software Interface Specification (SIS), E.A. Guinness and H. Mortensen, Ver. 2.01, JPL D-22848, July 30, 2004.
5. MER MB EDR Software Interface Specification (SIS), E.A. Guinness and H. Mortensen, Ver. 2.01, JPL D-22849, July 31, 2004.
6. MER Rock Abrasion Tool (RAT) EDR Software Interface Specification (SIS), S. Slavney and H. Mortensen, Ver. 1.01, JPL D-22850, July 31, 2004.

A.2 Volume Sets

The MER OPGS EDR and Camera RDR Archive is composed of 16 volume sets, described in this appendix. Each volume set consists of data sets pertaining to one of the Pancam, Navcam, Hazcam, MI, Descam, APXS, MB, or RAT instruments onboard the MER1 and MER2 rovers.

A.2.1 Identifiers

To avoid excessive duplication of text, a variable "n" has been introduced to stand in as the number 1 or 2 in all instances where a differentiation between the MER1 and MER2 rovers is required (i.e., "MERn" is equivalent to MER1 and MER2).

DATA SET ID	VOLUME ID	VOLUME SET NAME
MERn-M-PANCAM-2-EDR-OPS-V1.0 MERn-M-PANCAM-3-ILUT-OPS-V1.0 MERn-M-PANCAM-3-RADIOMETRIC-OPS-V1.0 MERn-M-PANCAM-4-LINEARIZED-OPS-V1.0 MERn-M-PANCAM-5-DISPARITY-OPS-V1.0 MERn-M-PANCAM-5-XYZ-OPS-V1.0 MERn-M-PANCAM-5-NORMAL-OPS-V1.0 MERn-M-PANCAM-5-RANGE-OPS-V1.0 MERn-M-PANCAM-5-SLOPE-OPS-V1.0	MERnPO_0XXX	MER n PANCAM OPERATIONS EDR/RDR

MERn-M-PANCAM-5-ROUGHNESS-OPS-V1.0 MERn-M-PANCAM-5-ANAGLYPH-OPS-V1.0 MERn-M-PANCAM-5-SOLAR-OPS-V1.0		
MERn-M-NAVCAM-2-EDR-OPS-V1.0 MERn-M-NAVCAM-3-ILUT-OPS-V1.0 MERn-M-NAVCAM-3-RADIOMETRIC-OPS-V1.0 MERn-M-NAVCAM-4-LINEARIZED-OPS-V1.0 MERn-M-NAVCAM-5-DISPARITY-OPS-V1.0 MERn-M-NAVCAM-5-XYZ-OPS-V1.0 MERn-M-NAVCAM-5-NORMAL-OPS-V1.0 MERn-M-NAVCAM-5-RANGE-OPS-V1.0 MERn-M-NAVCAM-5-SLOPE-OPS-V1.0 MERn-M-NAVCAM-5-ROUGHNESS-OPS-V1.0 MERn-M-NAVCAM-5-ANAGLYPH-OPS-V1.0 MERn-M-NAVCAM-5-SOLAR-OPS-V1.0	MERnNO_0XXX	MER n NAVCAM OPERATIONS EDR/RDR
MERn-M-HAZCAM-2-EDR-OPS-V1.0 MERn-M-HAZCAM-3-ILUT-OPS-V1.0 MERn-M-HAZCAM-3-RADIOMETRIC-OPS-V1.0 MERn-M-HAZCAM-4-LINEARIZED-OPS-V1.0 MERn-M-HAZCAM-5-DISPARITY-OPS-V1.0 MERn-M-HAZCAM-5-XYZ-OPS-V1.0 MERn-M-HAZCAM-5-NORMAL-OPS-V1.0 MERn-M-HAZCAM-5-RANGE-OPS-V1.0 MERn-M-HAZCAM-5-SLOPE-OPS-V1.0 MERn-M-HAZCAM-5-REACHABILITY-OPS-V1.0 MERn-M-HAZCAM-5-ROUGHNESS-OPS-V1.0 MERn-M-HAZCAM-5-ANAGLYPH-OPS-V1.0 MERn-M-HAZCAM-5-SOLAR-OPS-V1.0	MERnHO_0XXX	MER n HAZCAM OPERATIONS EDR/RDR
MERn-M-MI-2-EDR-OPS-V1.0 MERn-M-MI-3-ILUT-OPS-V1.0 MERn-M-MI-3-RADIOMETRIC-OPS-V1.0 MERn-M-MI-4-LINEARIZED-OPS-V1.0 MERn-M-MI-4-ANAGLYPH-OPS-V1.0	MERnMO_0XXX	MER n MI OPERATIONS EDR/RDR
MERn-M-DESCAM-2-EDR-OPS-V1.0	MERnDO_0XXX	MER n DESCAM OPERATIONS EDR
MERn-M-APXS-2-EDR-OPS-V1.0	MERnAO_0XXX	MER n APXS OPERATIONS EDR
MERn-M-MB-2-EDR-OPS-V1.0	MERnBO_0XXX	MER n MB OPERATIONS EDR
MERn-M-RAT-2-EDR-OPS-V1.0	MERnRO_0XXX	MER n RAT OPERATIONS EDR

A.2.2 Responsibilities

TASK	RESPONSIBLE PARTY
Data products produced by:	JPL/MIPL
Ancillary files and documentation produced by:	MER Project, Instrument Teams, and PDS
Archive volume assembled by:	JPL/MIPL
Data and volume validated by:	PDS Imaging Node and PDS Central Node data engineer
Data distributed by:	PDS Imaging Node

A.2.3 Data Release Dates

EVENT	DATE
Data release schedule:	Spirit 1st data release, Sols 1-30, Aug 3, 2004 2nd data release, Sols 31-90, Oct 4, 2004 3rd release, Sols 91-180, Jan 6, 2005 Opportunity 1st data release, Sols 1-30, Aug 24, 2004 2nd data release, Sols 31-90, Oct 25, 2004 3rd release, Sols 91-180, Jan 27, 2005

A.2.4 Volume Structure

DIRECTORY	FILE	DESCRIPTION
ROOT	**AAREADME.TXT**	Textual information describing the volume content and format.
	ERRATA.TXT	Textual information describing errors and/or anomalies found on the current or previous volumes.
	VOLDESC.CAT	A description of the contents of the archive volume in a human and machine readable format.
BROWSE	**BROWINFO.TXT**	A textual description of the contents of the BROWSE directory.
	browse_files.{JPG,LBL}	The BROWSE sub-directory structure is identical to that of the DATA sub-directory. File names are identical to full resolution file names, except that they end in .JPG extension.
CALIB	**CALINFO.TXT**	A textual description of the contents of the

		CALIB directory.
	calibration data and/or files	Image calibration files.
CATALOG	**CATINFO.TXT**	A textual description of the contents of the CATALOG directory.
	For the PANCAM volume set: **PANn_DS.CAT** **PANn_ILUT_DS.CAT** **PANn_RAD_DS.CAT** **PANn_LIN_DS.CAT** **PANn_DISP_DS.CAT** **PANn_XYZ_DS.CAT** **PANn_NORM_DS.CAT** **PANn_RANGE_DS.CAT** **PANn_SLOPE_DS.CAT** **PANn_ROUGH_DS.CAT** **PANn_ANA_DS.CAT** **PANn_SOLAR_DS.CAT** **For the NAVCAM volume set:** **NAVn_DS.CAT** **NAVn_ILUT_DS.CAT** **NAVn_RAD_DS.CAT** **NAVn_LIN_DS.CAT** **NAVn_DISP_DS.CAT** **NAVn_XYZ_DS.CAT** **NAVn_NORM_DS.CAT** **NAVn_RANGE_DS.CAT** **NAVn_SLOPE_DS.CAT** **NAVn_ROUGH_DS.CAT** **NAVn_ANA_DS.CAT** **NAVn_SOLAR_DS.CAT** **For the HAZCAM volume set:** **HAZn_DS.CAT** **HAZn_ILUT_DS.CAT** **HAZn_RAD_DS.CAT** **HAZn_LIN_DS.CAT** **HAZn_DISP_DS.CAT** **HAZn_XYZ_DS.CAT** **HAZn_NORM_DS.CAT** **HAZn_RANGE_DS.CAT** **HAZn_SLOPE_DS.CAT** **HAZn_REACH_DS.CAT** **HAZn_ROUGH_DS.CAT** **HAZn_ANA_DS.CAT**	Data set catalog objects for the MERn rover instrument EDRs. These are detailed textual descriptions including: an overview of the data; descriptions of the primary measured parameters, the processing history, and the data format, ancillary information necessary to understand the data; any applicable coordinate systems, software necessary for the use of the data, and an analysis of the quality and limitations of the data. n = 1 or 2

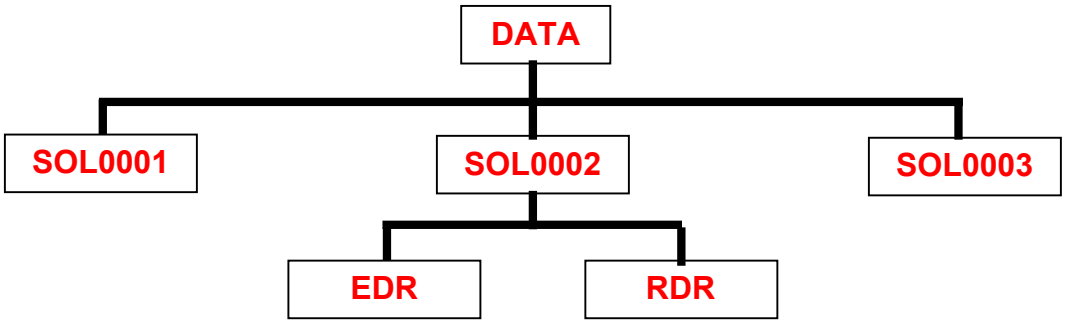
	HAZn_SOLAR_DS.CAT **For the MI volume set:** **MIn_DS.CAT** **MIn_ILUT_DS.CAT** **MIn_RAD_DS.CAT** **MIn_LIN_DS.CAT** **MIn_ANA_DS.CAT** **For the other volume sets, one of the following dataset catalog files:** **DESCAM_MERn_DS.CAT** **APXS_MERn_DS.CAT** **MB_MERn_DS.CAT** **RATn_DS.CAT**	
	One or more of the following instrument catalog files: **MERn_PAN_LEFT_INST.CAT** **MERn_PAN_RIGHT_INST.CAT** **MERn_NAV_LEFT_INST.CAT** **MERn_NAV_RIGHT_INST.CAT** **MERn_HAZ_FRONT_LEFT_INST.CAT** **MERn_HAZ_FRONT_RIGHT_INST.CAT** **MERn_HAZ_REAR_LEFT_INST.CAT** **MERn_HAZ_REAR_RIGHT_INST.CAT** **MERn_MI_INST.CAT** **MERn_DESCAM_INST.CAT** **MERn_APXS_INST.CAT** **MERn_MB_INST.CAT**	Instrument catalog objects for the MER rover instruments. This is a detailed textual description of the instruments including scientific objectives, calibration information, operational considerations, a description of the detectors and electronics (and filters and optics, if appropriate), the operational modes, subsystems, and measured parameters. n = 1 or 2

	MERn_RAT_INST.CAT	
	MERn_INSTHOST.CAT	A textual description providing an overview of the MER rover/spacecraft. n = 1 or 2
	MISSION.CAT	A detailed description of the MER mission.
	PERSON.CAT	Personnel catalog object. Contact information for people responsible for producing the science data and archive volume and its component data sets.
	REF.CAT	Reference catalog object. This is a complete list of references of papers providing further information about the data sets and instrumentation on this volume.
	SOFTWARE.CAT	Software catalog object. This provides general information about a software tool, including a description, availability information, and dependencies.
DATA		Please see "Data Directory Structure" section below for a description of the DATA directory structure.
DOCUMENT	**DOCINFO.TXT**	A textual description of the contents of the DOCUMENT directory.
	One of the following data product SIS files: **OPS_EDR_CAM_RDR_SIS.{ASC,LBL,PDF}** **APXS_EDR_SIS.{ASC,LBL,PDF}** **MB_EDR_SIS.{ASC,LBL,PDF}** **RAT_EDR_SIS.{ASC,LBL,PDF}**	Data Product Software Interface Specification for the camera instruments (Descam, Pancam, Navcam, Hazcam, Microscopic Imager). Data Product Software Interface Specification for the APXS instrument. Data Product Software Interface Specification for the Mossbauer instrument. Data Product Software Interface Specification for the Rock Abrasion Tool instrument.
	VOLSIS.{ASC,LBL,PDF}	Volume Organization Software Interface Specification for the MER data archive.
	MER_ARCH_PLAN.{ASC,LBL,PDF}	MER Project Archive Generation, Validation, and Transfer Plan document.
	GEOMETRIC_CM.TXT	Geometric Camera Model description document pointed to from the PDS labels.
	VICAR2.TXT	VICAR2 description document pointed to from the PDS labels.

	PANCAM_UG.{ASC,LBL,PDF}	Pancam User's Guide.
	***INST*_CALIB_PLAN.{ASC,LBL, PDF}**	Image calibration plan document for instrument, *INST*.
	***INST*_CALIB_REPORT.{ASC,L BL,PDF}**	Image calibration report document for instrument, *INST*.
INDEX	**INDXINFO.TXT**	A textual description of the contents of the INDEX directory.
	INDEX.{LBL,TAB}	A tabular summary of the data files on this volume. n = 1 or 2
	CUMINDEX.{LBL,TAB}	A cumulative tabular summary of the data files on all (previous) volumes in this volume set. n = 1 or 2
SOFTWARE	**SOFTINFO.TXT**	A textual description of the contents of the SOFTWARE directory.
	For the APXS/MB volume sets: **apxs2asc.pro** **apxs_data_parse_input.pro** **mb2asc.pro** **mb_data_parse_input.pro**	Binary to ascii conversion software files for APXS and MB EDRs.

A.2.4.1 Data Directory Structure

Immediately beneath the DATA directory are sub-directories differentiated on the basis of sol. Each sol sub-directory name represents one Martian sol and begins with the word ("SOL"), followed by a four digit sol number. Beneath these sol sub-directories, the data is further divided by product type, EDR or RDR. The following diagram shows a sample portion of the DATA directory structure:



Appendix B.

MER OPGS CAMERA RDR MOSAICS ARCHIVE VOLUME CONTENTS

B.1 Applicable Documents

1. Mars Exploration Program Data Management Plan, R. E. Arvidson and S. Slavney, Rev. 3, March 20, 2002.
2. Mars Exploration Rover Project Archive Generation, Validation and Transfer Plan, R.E. Arvidson, S. Slavney, and J.A. Crisp, JPL D-19658 Rev. B, July 14, 2004.
3. MER Camera EDR and RDR Operations Data Products SIS, D. Alexander and H. Mortensen, Ver. 4.0, JPL D-22846, February 23, 2005.

B.2 Volume Sets

The MER Camera RDR Mosaics Archive is composed of 2 volume sets, described in this appendix. Each volume set consists of three data sets containing the OPGS Camera RDR Mosaics for the Pancam, Navcam, and MI instruments onboard the MER1 and MER2 rovers, respectively.

B.2.1 Identifiers

To avoid excessive duplication of text, a variable "n" has been introduced to stand in as the number 1 or 2 in all instances where a differentiation between the MER1 and MER2 rovers is required (i.e., "MERn" is equivalent to MER1 and MER2).

DATA SET ID	VOLUME ID	VOLUME SET NAME
MERn-M-PANCAM-5-MOSAIC-OPS-V1.0 MERn-M-NAVCAM-5-MOSAIC-OPS-V1.0 MERn-M-MI-5-MOSAIC-OPS-V1.0	MERnOM_0XXX	MER n OPERATIONS CAMERA RDR MOSAICS

B.2.2 Responsibilities

TASK	RESPONSIBLE PARTY
Data products produced by:	JPL/MIPL
Ancillary files and documentation produced by:	MER Project, Instrument Teams, and PDS
Archive volume assembled by:	JPL/MIPL
Data and volume validated by:	PDS Imaging Node and PDS Central Node data engineer
Data distributed by:	PDS Imaging Node

B.2.3 Data Release Dates

EVENT	DATE
Data release schedule:	Spirit 1st data release, Sols 1-30, Aug 3, 2004 2nd data release, Sols 31-90, Oct 4, 2004 3rd release, Sols 91-180, Jan 6, 2005 Opportunity 1st data release, Sols 1-30, Aug 24, 2004 2nd data release, Sols 31-90, Oct 25, 2004 3rd release, Sols 91-180, Jan 27, 2005

B.2.4 Volume Structure

DIRECTORY	FILE	DESCRIPTION
ROOT	**AAREADME.TXT**	Textual information describing the volume content and format.
	ERRATA.TXT	Textual information describing errors and/or anomalies found on the current or previous volumes.
	VOLDESC.CAT	A description of the contents of the archive volume in a human and machine readable format.
BROWSE	**BROWINFO.TXT**	A textual description of the contents of the BROWSE directory.
	browse_files.{JPG,LBL}	The BROWSE sub-directory structure is identical to that of the DATA sub-directory. File names are identical to full resolution file names, except that they end in .JPG extension.
CATALOG	**CATINFO.TXT**	A textual description of the contents of the CATALOG directory.
	PANn_MOSAIC_DS.CAT **NAVn_MOSAIC_DS.CAT** **Min_MOSAIC_DS.CAT**	Data set catalog objects for the MERn rover instrument RDR mosaics. These are detailed textual descriptions including: an overview of the data, the processing history, and the data format, ancillary information necessary to understand the data; any applicable coordinate systems, software necessary for the use of the data, and an analysis of the quality and limitations of the data. n = 1 or 2
	PANn_INST.CAT	Instrument catalog objects for the MER

	NAVn_INST.CAT **MIn_INST.CAT**	rover instruments. This is a detailed textual description of the instruments including scientific objectives, calibration information, operational considerations, a description of the detectors and electronics (and filters and optics, if appropriate), the operational modes, subsystems, and measured parameters. n = 1 or 2
	MERn_INSTHOST.CAT	A textual description providing an overview of the MER rover/spacecraft. n = 1 or 2
	MISSION.CAT	A detailed description of the MER mission.
	PERSON.CAT	Personnel catalog object. Contact information for people responsible for producing the science data and archive volume and its component data sets.
	REF.CAT	Reference catalog object. This is a complete list of references of papers providing further information about the data sets and instrumentation on this volume.
DATA		Please see "Data Directory Structure" section below for a description of the DATA directory structure.
DOCUMENT	**DOCINFO.TXT**	A textual description of the contents of the DOCUMENT directory.
	OPS_EDR_CAM_RDR_SIS.{ASC,LBL,PDF}	Data Product Software Interface Specification for the camera instruments (Pancam, Navcam, Microscopic Imager).
	VOLSIS.{ASC,LBL,PDF}	Volume Organization Software Interface Specification for the MER data archive.
	MER_ARCH_PLAN.{ASC,LBL,PDF}	MER Project Archive Generation, Validation, and Transfer Plan document.
	GEOMETRIC_CM.TXT	Geometric Camera Model description document pointed to from the PDS labels.
	VICAR2.TXT	VICAR2 description document pointed to from the PDS labels.
	PANCAM_UG.{ASC,LBL,PDF}	Pancam User's Guide.
	***INST*_CALIB_PLAN.{ASC,LBL,PDF}**	Image calibration plan document for instrument, *INST.*
	***INST*_CALIB_REPORT.{ASC,LBL,PDF}**	Image calibration report document for instrument, *INST.*
INDEX	**INDXINFO.TXT**	A textual description of the contents of the INDEX directory.
	INDEX.{LBL,TAB}	A tabular summary of the data files on this

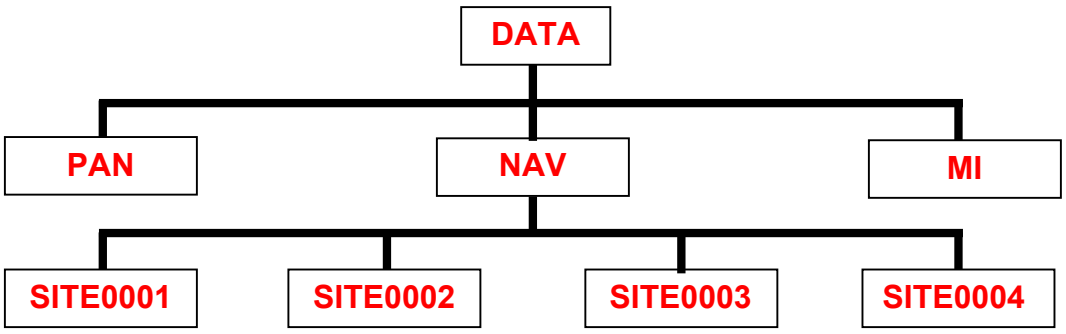
		volume. n = 1 or 2
	CUMINDEX.{LBL,TAB}	A cumulative tabular summary of the data files on all (previous) volumes in this volume set. n = 1 or 2

B.2.4.1 Data Directory Structure

Immediately beneath the DATA directory are sub-directories distinguished on the basis of instrument. The sub-directory names are as follows:

SUB-DIRECTORY NAME	CONTENTS
PAN	The mosaic data files from the Panoramic Camera.
NAV	The mosaic data files from the Navigation Camera.
MI	The mosaic data files from the Microscopic Imager Camera.

Beneath these instrument sub-directories, the data is further divided by site. The site level directory names are based on site number and begin with the word ("SITE"), followed by a four digit site number. The following diagram shows a sample portion of the DATA directory structure:



Appendix C.

MER OPGS CAMERA RDR MESHES ARCHIVE VOLUME CONTENTS

C.1 Applicable Documents

1. Mars Exploration Program Data Management Plan, R. E. Arvidson and S. Slavney, Rev. 3, March 20, 2002.
2. Mars Exploration Rover Project Archive Generation, Validation and Transfer Plan, R.E. Arvidson, S. Slavney, and J.A. Crisp, JPL D-19658 Rev. B, July 14, 2004.
3. MER Camera EDR and RDR Operations Data Products SIS, D. Alexander and H. Mortensen, Ver. 4.0, JPL D-22846, February 23, 2005.

C.2 Volume Sets

The MER Camera RDR Meshes Archive is composed of 2 volume sets, described in this appendix. Each volume set consists of six data sets containing the OPGS Camera RDR Meshes for the Pancam, Navcam, and Hazcam instruments onboard the MER1 and MER2 rovers, respectively.

C.2.1 Identifiers

To avoid excessive duplication of text, a variable "n" has been introduced to stand in as the number 1 or 2 in all instances where a differentiation between the MER1 and MER2 rovers is required (i.e., "MERn" is equivalent to MER1 and MER2).

DATA SET ID	VOLUME ID	VOLUME SET NAME
MERn-M-PANCAM-5-WEDGE-OPS-V1.0 MERn-M-PANCAM-5-MESH-OPS-V1.0 MERn-M-NAVCAM-5-WEDGE-OPS-V1.0 MERn-M-NAVCAM-5-MESH-OPS-V1.0 MERn-M-HAZCAM-5-WEDGE-OPS-V1.0 MERn-M-HAZCAM-5-MESH-OPS-V1.0	MERnMW_0XXX	MER n OPERATIONS CAMERA RDR MESHES

C.2.2 Responsibilities

TASK	RESPONSIBLE PARTY
Data products produced by:	JPL/MIPL
Ancillary files and documentation produced by:	MER Project, Instrument Teams, and PDS
Archive volume assembled by:	JPL/MIPL
Data and volume validated by:	PDS Imaging Node and PDS Central Node data engineer

Data distributed by:	PDS Imaging Node

C.2.3 Data Release Dates

EVENT	DATE
Data release schedule:	Spirit 1st data release, Sols 1-30, Aug 3, 2004 2nd data release, Sols 31-90, Oct 4, 2004 3rd release, Sols 91-180, Jan 6, 2005 Opportunity 1st data release, Sols 1-30, Aug 24, 2004 2nd data release, Sols 31-90, Oct 25, 2004 3rd release, Sols 91-180, Jan 27, 2005

C.2.4 Volume Structure

DIRECTORY	FILE	DESCRIPTION
ROOT	**AAREADME.TXT**	Textual information describing the volume content and format.
	ERRATA.TXT	Textual information describing errors and/or anomalies found on the current or previous volumes.
	VOLDESC.CAT	A description of the contents of the archive volume in a human and machine readable format.
BROWSE	**BROWINFO.TXT**	A textual description of the contents of the BROWSE directory.
	browse_files.{JPG,LBL}	The BROWSE sub-directory structure is identical to that of the DATA sub-directory. File names are identical to full resolution file names, except that they end in .JPG extension.
CATALOG	**CATINFO.TXT**	A textual description of the contents of the CATALOG directory.
	PANn_WEDGE_DS.CAT **PANn_MESH_DS.CAT** **NAVn_WEDGE_DS.CAT** **NAVn_MESH_DS.CAT** **HAZn_WEDGE_DS.CAT** **HAZn_MESH_DS.CAT**	Data set catalog objects for the MERn rover Camera RDR Meshes. These are detailed textual descriptions including: an overview of the data; descriptions of the primary measured parameters, the processing history, and the data format, ancillary information necessary to understand the data; any applicable coordinate systems, software necessary for the use of the data, and an analysis of the quality and limitations of the data.

		n = 1 or 2
	PANn_INST.CAT **NAVn_INST.CAT** **HAZn_INST.CAT**	Instrument catalog objects for the MER rover instruments. This is a detailed textual description of the instruments including scientific objectives, calibration information, operational considerations, a description of the detectors and electronics (and filters and optics, if appropriate), the operational modes, subsystems, and measured parameters.
	MERn_INSTHOST.CAT	A textual description providing an overview of the MER rover/spacecraft. n = 1 or 2
	MISSION.CAT	A detailed description of the MER mission.
	PERSON.CAT	Personnel catalog object. Contact information for people responsible for producing the science data and archive volume and its component data sets.
	REF.CAT	Reference catalog object. This is a complete list of references of papers providing further information about the data sets and instrumentation on this volume.
DATA		Please see “Data Directory Structure” section below for a description of the DATA directory structure.
DOCUMENT	**DOCINFO.TXT**	A textual description of the contents of the DOCUMENT directory.
	OPS_EDR_CAM_RDR_SIS.{ASC,LBL,PDF}	Data Product Software Interface Specification for the camera instruments (Pancam, Navcam, Hazcam).
	VOLSIS.{ASC,LBL,PDF}	Volume Organization Software Interface Specification for the MER data archive.
	MER_ARCH_PLAN.{ASC,LBL,PDF}	MER Project Archive Generation, Validation, and Transfer Plan document.
	GEOMETRIC_CM.TXT	Geometric Camera Model description document pointed to from the PDS labels.
	VICAR2.TXT	VICAR2 description document pointed to from the PDS labels.
	PANCAM_UG.{ASC,LBL,PDF}	Pancam User's Guide.
	***INST*_CALIB_PLAN.{ASC,LBL,PDF}**	Image calibration plan document for instrument, *INST.*
	***INST*_CALIB_REPORT.{ASC,LBL,PDF}**	Image calibration report document for instrument, *INST.*
INDEX	**INDXINFO.TXT**	A textual description of the contents of the

		INDEX directory.
	INDEX.{LBL,TAB}	A tabular summary of the data files on this volume. n = 1 or 2
	CUMINDEX.{LBL,TAB}	A cumulative tabular summary of the data files on all (previous) volumes in this volume set. n = 1 or 2

C.2.4.1 Data Directory Structure

Immediately beneath the DATA directory are sub-directories distinguished on the basis of instrument. The sub-directory names are as follows:

SUB-DIRECTORY NAME	CONTENTS
PAN	The mesh data files from the Panoramic Camera.
NAV	The mesh data files from the Navigation Camera.
HAZ	The mesh data files from the Hazard Avoidance Camera.

Beneath these instrument sub-directories, the data is further divided by site. The site level directory names are based on site number and begin with the word ("SITE"), followed by a four digit site number. The following diagram shows a sample portion of the DATA directory structure: