



Standard File Naming for Structural Durability

1 Introduction

Note: Nothing in this standard supercedes applicable laws and regulations.

Note: In the event of conflict between the English and domestic language, the English language shall take precedence.

1.1 Purpose. The purpose of this procedure is to document and standardize file names used by GM Structural Laboratories.

1.2 Applicability. This procedure documents computer file names and extensions that have been agreed upon by the GM Structural Laboratories. The file extensions are suggestions and not all-inclusive. They were originally developed for use with MTS Systems Corporation (MTS) Remote Parameter Control (RPC) III test software which could have multiple extensions for a given file type. For MTS RPC Pro test software, many should be considered preferred, but certainly not required, "suffixes" for the longer filenames. For RPC Pro, the actual extensions (TIM, MTX, etc..) are NOT displayed in the user interface. This standard is also provided for use in the Structural Loads database. This procedure is not required but is highly recommended for data sharing.

2 References

Note: Only the latest approved standards are applicable unless otherwise specified.

2.1 External Standards/Specifications.

None

2.2 GM Standards/Specifications.

None

2.3 Additional References.

2.3.1 Beijing Proving Ground.

DR.BJ.AGI-1	DR.BJ.GBH-1	DR.BJ.PHI1-2	DR.BJ.THI-1
DR.BJ.ASI-1	DR.BJ.HGS-1	DR.BJ.RRI-1	DR.BJ.TSI-1
DR.BJ.BRI-1	DR.BJ.HTS-1	DR.BJ.RRI-2	DR.BJ.WBI-1
DR.BJ.CTI-1	DR.BJ.JTS	DR.BJ.RRO-1	
DR.BJ.DRI-1	DR.BJ.MPI-1	DR.BJ.RRO-4	
DR.BJ.DRI-2	DR.BJ.PBI-1	DR.BJ.STI-1	

2.3.2 Cheong Na Proving Ground.

DL.CN.BFC-1	DL.CN.DRC-2	DL.CN.PBC	DL.CN.THC
DL.CN.BFC-2	DL.CN.FBC	DL.CN.PHC	DL.CN.TWC
DL.CN.BFC-3	DL.CN.HTC	DL.CN.STC-1	DR.CN.SB
DL.CN.CSC	DL.CN.JTC	DL.CN.STC-2	
DL.CN.DRC-1	DL.CN.MPC	DL.CN.SWC	

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2.3.3 Cruz Alta Proving Ground.

DR.CA.1060	DR.CA.1075	DR.CA.1301	DR.CA.1316
DR.CA.1061	DR.CA.1258	DR.CA.1302	DR.CA.1321
DR.CA.1062	DR.CA.1296	DR.CA.1312	DR.CA.1327
DR.CA.1064	DR.CA.1300	DR.CA.1313	DR.CA.1401

2.3.4 Dudenhofen Proving Ground.

DR.DH.City	DR.DH.E0A2_4	DR.DH.Freeway	DR.DH.G0A4
DR.DH.CityMainz	DR.DH.E0A2_5	DR.DH.G0A1_1	DR.DH.G0A5
DR.DH.E0A0	DR.DH.E0A2_6	DR.DH.G0A1_2	DR.DH.G0A7L
DR.DH.E0A1_1	DR.DH.E0A2_7	DR.DH.G0A1_3	DR.DH.G0A7R
DR.DH.E0A1_2	DR.DH.E0A2_8	DR.DH.G0A1_4	DR.DH.G0ARide
DR.DH.E0A1_3	DR.DH.E0A2_9	DR.DH.G0A1_5	DR.DH.G0ARideTwist
DR.DH.E0A1_4	DR.DH.E0A3	DR.DH.G0A1_6	DR.DH.Gravel
DR.DH.E0A1_5	DR.DH.E0A41	DR.DH.G0A2_1	DR.DH.SDA1
DR.DH.E0A1_6	DR.DH.E0A42	DR.DH.G0A2_2	DR.DH.SDA2
DR.DH.E0A1_7	DR.DH.E0A51	DR.DH.G0A2_3	DR.DH.SDA3
DR.DH.E0A1_8	DR.DH.E0A52	DR.DH.G0A2_4	DR.DH.SDA5
DR.DH.E0A1_9	DR.DH.E0A61	DR.DH.G0A2_5	DR.DH.SDA6
DR.DH.E0A2_1	DR.DH.E0A62	DR.DH.G0A2_6	DR.DH.SDA7
DR.DH.E0A2_2	DR.DH.ExtTrip	DR.DH.G0A31	
DR.DH.E0A2_3	DR.DH.FBS	DR.DH.G0A32	

2.3.5 Guang De Proving Ground.

DR.GD.AZ	DR.GD.PB	DR.GD.TD	DR.GD.ZE
DR.GD.CS	DR.GD.PS	DR.GD.TW	DR.GD.ZN
DR.GD.CY	DR.GD.PX	DR.GD.TZ	DR.GD.ZO
DR.GD.DP	DR.GD.PY	DR.GD.ZA	DR.GD.ZR
DR.GD.EW	DR.GD.PZ	DR.GD.ZB	DR.GD.ZT
DR.GD.FB	DR.GD.Q5	DR.GD.ZC	DR.GD.ZX
DR.GD.JT	DR.GD.SD	DR.GD.ZD	DR.GD.ZY

2.3.6 Lang Lang Proving Ground.

DR.LL.1GMC2	DR.LL.7AS	DR.LL.7JT	DR.LL.BB40
DR.LL.43G0	DR.LL.7CS4	DR.LL.7SN	DR.LL.DW13
DR.LL.4PER	DR.LL.7FBS	DR.LL.7TC3	DR.LL.DW16
DR.LL.71G0	DR.LL.7GGD	DR.LL.7TS	
DR.LL.7A	DR.LL.7GMC	DR.LL.8PT	
DR.LL.7AR	DR.LL.7HC	DR.LL.8TC	

2.3.7 Milford Proving Ground.

DL.MF.AZ	DL.MF.DT	DL.MF.PY	DL.MF.TZ
DL.MF.BM	DL.MF.EB	DL.MF.PZ	DL.MF.VM
DL.MF.BN	DL.MF.ES	DL.MF.Q5	DL.MF.WE
DL.MF.BP	DL.MF.ET	DL.MF.RB	DL.MF.WF
DL.MF.CB	DL.MF.EX	DL.MF.RP	DL.MF.WH
DL.MF.CP	DL.MF.FR	DL.MF.S7	DL.MF.WS
DL.MF.CR	DL.MF.IT	DL.MF.SA	DL.MF.XF
DL.MF.CS	DL.MF.JT	DL.MF.SC	DL.MF.XH
DL.MF.DP	DL.MF.MC	DL.MF.SF	DL.MF.XM

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DL.MF.DS

DL.MF.PX

DL.MF.SH

3 Resources

3.1 Facilities.

3.1.1 Calibration. The test facilities and equipment shall be in good working order and shall have a valid calibration label.

3.1.2 Alternatives. Alternative test facilities and equipment may also be used. However, all measuring variables as specified in this standard shall be determined correctly with respect to their physical definition.

3.2 Equipment. Not applicable.

3.3 Test Vehicle/Test Piece. Not applicable.

3.4 Test Time. Not applicable.

3.5 Test Required Information. Not applicable.

3.6 Personnel/Skills. Not applicable.

4 Procedure

4.1 Preparation. Not applicable.

4.2 Conditions. Not applicable.

4.2.1 Environmental Conditions. Not applicable.

4.2.2 Test Conditions. Deviations from the requirements of this standard shall have been agreed upon. Such requirements shall be specified on component drawings, test certificates, reports, etc.

4.3 Instructions. The approved computer file naming convention is as follows:

ppssbxquu

Where:

pp = The proving ground (see Table A1 in Appendix A).

ss = The road surface/module (see Table B1 thru Table B7 in Appendix B for GMW3425 example).

b = The ballast (see Table C1 in Appendix C).

x = The section or repetition (see Table D1 in Appendix D).

q = The option (see Table E1 in Appendix E).

uu = The optional characters for the user or other information.

Refer to Table F1 in Appendix F for file extensions used by the GM Structural Laboratories.

5 Data

5.1 Calculations. Not applicable.

5.2 Interpretation of Results. Not applicable.

5.3 Test Documentation. Not applicable.

6 Safety

This Engineering Standard may involve safety requirements for hazardous materials, the method of operations and equipment. This standard does not propose to address all the safety issues associated with its use. It is the responsibility of the user of this standard to ensure compliance with all appropriate safety and health practices. This would include any specific training that may be required. The safety and health standards include site specific rules and procedures, company rules and procedures, and Government Standards. Contact shall be made with the appropriate site Safety and Health personnel for further direction and guidance in these matters.

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7 Notes

7.1 Glossary. Not applicable.

7.2 Acronyms, Abbreviations, and Symbols.

FRF	Frequency Response Function
GVW	Gross Vehicle Weight
HCW	Heavy Cargo Weight
LVW	Light Vehicle Weight
MTS	MTS Systems Corporation
OVW	Overload Vehicle Weight
RLDA	Road Load Data Acquisition
RPC	Remote Parameter Control
SVW	Structural Vehicle Weight

8 Coding System

This standard shall be referenced in other documents, drawings, etc., as follows:

Test to GMW15219

9 Release and Revisions

This standard was originated in March 2006. It was first approved by the Global Structural Durability Laboratory Expert Team in November 2007. It was first published in February 2008.

Issue	Publication Date	Description (Organization)
1	FEB 2008	Initial publication.
2	JUL 2014	Updated lists in appendices to match latest durability tests. (Body-Global Structural Durability Laboratory Expert Team)
3	MAR 2018	Revised to current template. (Body - Global Structural Durability Laboratory Expert Team)

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Appendix A: Proving Ground Codes

Table A1: Proving Grounds

Code	Name
BJ	Beijing (Tong Xian)
CA	Cruz Alta
CN	Cheong Na
DH	Dudenhofen
GD	Guang De
LL	Lang Lang
MB	Millbrook
MF	Milford

Note: For ppsbxquu, pp is the proving ground.

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