

EA12-005

CHRYSLER

12-13-2012

Enclosure 6B

301 Developmental Crash
Tests Public

KJ Development Crash Test
VC08268 Public

SAFETY TEST
VEHICLE CRASH TEST LETTER

PAGE 01

VC08268 30 MPH REAR MOVING BARRIER, KJJ-74 ITEM KJ5033R
2002 MVSS 301 REAR IMPACT DEVELOPMENT.
TEST DATE 08/03/00

TEST PURPOSE PRIMARY, 2001 USA 301 DEVELOPMENT.

IMPACT TYPE TARGET SPEED; 30.1 MPH
 DAMAGE LOCATION; REAR CENTER
 BARRIER TYPE; REAR TYPE IV
 BARRIER SURFACE; PLYWOOD

VEHICLE BODY CLASS; KJ
 CAR LINE; J
 BODY; 74
 ENGINE; 2.4 LITRE
 ENGINE NOTE; ELECTRONIC FUEL INJECTION
 TRANSMISSION; 5 SPEED MANUAL 4x4
 TRANS. NOTE;
 VIN AS TESTED; 1J43FA8142A [REDACTED] MOD.
 VIN AS BUILT; 1J43FA8142A [REDACTED] MOD.

TEST SPEED 30.3 MPH BY ELECTRONIC TRAP

TEST WEIGHT (LBS) 4421 TOTAL, 2354 FRONT, 2067 REAR

OCCUPANTS LEFT FRONT, HII BALLAST AD-75
 RESTRAINT-BELTS ONLY
 RIGHT FRONT, HII BALLAST AD-59
 RESTRAINT-BELTS ONLY

BUILD CONDITION

SAFETY TEST
VEHICLE CRASH TEST LETTER

PAGE 02

VC08268 30 MPH REAR MOVING BARRIER, KJJ-74 ITEM KJ5033R
2002 MVSS 301 REAR IMPACT DEVELOPMENT.
TEST DATE 08/03/00

TARGET WEIGHT (LBS) 3885 LB TOTAL, 1995 FRONT, 1890 REAR REP MAX OPT
WEIGHT FOR A 2.4L 4X4 VEHICLE W/OUT CARGO OR
OCCUPANTS.

FUEL AND BALLAST 17.5 GALLONS OF STODDARD SOLVENT
300 LBS
150 LBS ON REAR FLOOR

REPORT CODES	A = TRANSDUCER DATA	B = ALL FILM DATA
	C = HIGH SPEED FILM	D = ENGINEER'S REPORT
	E = DUMMY KINEMATICS	F = STEERING COLUMN
	G = UNDERBODY	H = A-POST
	I = DYNAMIC CRUSH	J = ENGINE COMPARTMENT
	K = DOOR CRUSH	L = FORCE/CRUSH/ENERGY
	M = SPECIAL	N = CATALOG EDP DATA
	* = REPORT REQUESTOR	

DISTRIBUTION	M.P. LEVINE	514-17-41 (AB)
	M.A. GIELOW	481-02-13 (AB)
	M. STEBELTON	422-05-01 (AB)

DATE 08/03/00

TIME 21:39:51.

Test # from RG
Item # 3766 RG

ITEM NO. KJ5033R

PAGE 01

CHRYSLER MOTORS
SAFETY TEST
VEHICLE CRASH TEST REQUEST

VC8268

ITEM KJ5033R CHARGE NO. BACKAGAIN ISSUE DATE 06/28/00

VC ~~8268~~ 30 MPH REAR MOVING BARRIER, KJJ-74
2002 MVSS 301 REAR IMPACT DEVELOPMENT.

TEST DATE

8/3/00

ENGINEER

~~Robert Colie~~ Colie

SPEED 30.3 MPH

SOURCE

TRAP

TEST PURPOSE

PRIMARY, 2001 USA 301 DEVELOPMENT.

IMPACT TYPE

TARGET SPEED; 30.1 MPH
DAMAGE LOCATION; REAR CENTER
BARRIER TYPE; REAR TYPE IV
BARRIER SURFACE; PLYWOOD

VEHICLE

BODY CLASS; KJ
CAR LINE; J
BODY; 74
ENGINE; 2.4 LITRE
ENGINE NOTE; ELECTRONIC FUEL INJECTION
TRANSMISSION; 5 SPEED MANUAL 4x4
TRANS. NOTE;
VIN AS TESTED; 1J43FA8142A MOD.
VIN AS BUILT; 1J43FA8142A MOD.

BUILD CONDITION

TARGET WEIGHT (LBS) 3885 LB TOTAL, 1995 FRONT, 1890 REAR REP MAX OPT
WEIGHT FOR A 2.4L 4X4 VEHICLE W/OUT CARGO OR
OCCUPANTS.

TEST WEIGHT (LBS)

4421 TOTAL, 2354 FRONT, 2067 REAR

FUEL BALLAST

17.5 GALLONS OF STODDARD SOLVENT

LUGGAGE BALLAST

300 LBS

POST TEST REMARKS

VC8459

CHRYSLER MOTORS
SAFETY TEST
VEHICLE CRASH TEST REQUEST

OTHER BALLAST

150 # ON REAR FLOOR

OCCUPANTS

LEFT FRONT, HII BALLAST
RESTRAINT-BELTS ONLY
RIGHT FRONT, HII BALLAST
RESTRAINT-BELTS ONLY

AD NO 75AD NO 59

MECHANICAL REQ

TARGET VEHICLE PER THIRD SHEET FOR KJ VEHICLES
(SIMILARLY TO KJ4677 (VC8459))
PLACE TARGETS ON TOP, LEFT AND RIGHT SIDE OF SPARE
TIRE THAT WILL BE VISIBLE IN CAMERA VIEWS.
PAINT REAR GATE HANDLE TO ENSURE ANY MOVEMENT
VISIBLE IN FILMS & PAINT MARK AT POINT WHERE
GATE "OPENS" ON HANDLE VISIBLE IN FILMS.
POSITION DRIVER & PASS SEATS IN MID POSITION.
PAINT REAR SWING GATE HANDLE SO ANY MOTION CAN
BE OBSERVED.
ENSURE SPARE TIRE IS PROPERLY MOUNTED
ENSURE SWINGGATE IS PROPERLY LATCHED.
ENSURE DRIVER & PASS AIRBAGS, SIDE CURTAINS, IKB
AND PRETENSIONER DO NOT FIRE.
MEASURE VEHICLE ATTITUDE AS RECEIVED AND WHEN
TESTED.
PRESSURE TEST PRE TEST WITH PUMP RUNNING.
FUEL PUMP TO BE RUNNING DURING TEST.
STATIC ROLL VEHICLE POST TEST.
PAINT RAILS AND REAR UNDERBODY COMPONENTS
INCLUDING FUEL FILLER LINE, PASSTHRU HOLE IN RAIL
FUEL TANK CANISTER, REAR SUSPENSION, REAR BUMPER,
ORVR CANISTER, LINES AND EQUIPMENT, ETC. IN
CONTRACTING COLORS FOR UNDERBODY VIEW.

INSTRUMENTATION REQ

SEE THIRD SHEET FOR KJ REAR IMPACT TESTING FOR
ACCEL. LOCATIONS (AS WAS DONE FOR KJ4282R
(VC8025))
ENSURE DRIVER & PASS AIRBAGS, IKB, SIDE CURTAINS,
AND PRETENSIONER DO NOT DEPLOY.
TRIAxIAL ACCEL ON RAIL NEAR FUEL PASSTHRU
TRIAxIAL ACCEL ATTACHED TO ORC FT LT.
TRIAxIAL ACCEL ON SWINGGATE INSIDE SURFACE NEAR
GATE LATCH.
MONITOR AECM INTERNAL ACCEL AND SAFING SENSOR.
X-AXIS ACCEL. ON REAR SURFACE OF RADIATOR SPT.
(HALF WAY UP THE VERTICAL PART OF THE RAD. SPT)
LEFT & RIGHT SIDES.
TRIAxIAL ON CENTER BOTTOM OF FUEL TANK (ADHESED
TO TANK-NOT MECHANICALLY FASTENED)
MONITOR SAICM INTERNAL ACCEL. (2L & 2R)

CHRYSLER MOTORS
SAFETY TEST
VEHICLE CRASH TEST REQUEST

PHOTOGRAPHIC REQ / 1-1-VELOCITY CAMERA

- 1-PIT CAMERA TO VIEW ORVR EQUIPMENT
9 1-LEFT OVERALL
1-RIGHT OVERALL
3 1-HIGH SPEED TO VIEW SWING GATE HANDLE FROM ABOVE
6 1-HIGH SPEED FROM RIGHT REAR CORNER TO VIEW SWING
5 GATE.
7.8 2-PIT CAMERAS FOR REAR UNDERBODY ANALYSIS.
1 1-L SIDE CLOSE UP OF FUEL FILLER AREA FROM PIT
24 1-L&R CLOSE UP OF REAR QUARTER OF VEHICLE.
PRE & POST TEST PHOTOS OF OVERALL & UNDERBODY
(REAR), FRAME RAILS, FUEL TANK/REAR AXLE AREA,
ETC.
30 1-HIGH SPEED VIDEO OF PASS SIDE REAR QUARTER VIEW
TO VIEW SWING GATE & HANDLE.
ALL CAMERAS TO HAVE DIGITAL TIMING IF POSSIBLE

FILM ANALYSIS

REAR DYNAMIC CRUSH-IF REQUESTED
REAR UNDERBODY ANALYSIS-IF REQUESTED
VEHICLE VELOCITY-IF REQUESTED

REMARKS

TEST REQUESTOR: M.P. LEVINE (X35368)
MAKE 2 COPIES OF FILM & 1 VIDEO, SEND TO:
M.P. LEVINE 514-17-41 1 FILM & 1 VIDEO
M. GIELOW 481-02-13 1 FILM
PLEASE RETURN VEHICLE TO JTE ATTN. PAM MORTON

T. E. REPORT

FUEL SYSTEM REPORT REQUIRED

REPORT CODES

A = TRANSDUCER DATA	B = ALL FILM DATA
C = HIGH SPEED FILM	D = ENGINEER'S REPORT
E = DUMMY KINEMATICS	F = STEERING COLUMN
G = UNDERBODY	H = A-POST
I = DYNAMIC CRUSH	J = ENGINE COMPARTMENT
K = DOOR CRUSH	L = FORCE/CRUSH/ENERGY
M = SPECIAL	N = CATALOG EDP DATA
* = REPORT REQUESTOR	

DISTRIBUTION

M.P. LEVINE	514-17-41	(AB)
M.A. GIELOW	481-02-13	(AB)
M. STEBELTON	422-05-01	(AB)

CHRYSLER PG
3700 SOUTH M52
CHELSEA MI 48118

06:57:53 01/07/86

ID VC 8268 TEST WT

LEFT FRONT:	1198 1b	RIGHT FRONT:	1156 1b
LEFT REAR:	1018 1b	RIGHT REAR:	1049 1b
FRONT AXLE:		2354	1b
BACK AXLE:		2067	1b
TOTAL:		4421	1b



TUBE COLOR _____

FRONT SILL

X=
Y=
Z=

REAR SILL

X=
Y=
Z=

REAR AXLE

X=
Y=
Z=

91.2

114.8

143.3

117.5

PHOTO REFERENCE TUBE

H₂ = 2.2

H₁₀ = 2.3

FORWARD

75.9

95.6

98.4

122.2

PHOTO REFERENCE TUBE

H₄ = 2.2

H₁₀ = 2.3

CAMERA LATERAL TO LENS MOUNT
(MEASURE TO EAST EDGE OF WEST WALKWAY @ -526.4")

523.6 INCHES

+2.8

NOTES:

1. THE Z DIMENSION FOR THE SILL TARGETS AND REAR AXLE MUST BE RETAKEN AT THE TEST SITE
2. IF OTHER TUBE POINTS ARE USED, SO INDICATE

FOR REAR IMPACT TESTS - DIMENSIONING
BETWEEN SILL TARGETS AND PHOTO REFERENCE TUBE
TEST ENGR _____
VC _____

X, Y, Z DIMENSIONS

TEST NUMBER VC8268, TEST ENGINEER COLIE

TEST TYPE: 30 MPH REAR WITH

V.I.N. 1J43FA8142A

TYPE 4 MOV. BARR.

R
35.5 LF 34.7
33.5 LR 32.5 T

R 35.8 RT 34.0 T
33.6 RR 32.7 T

LOCATION	X	Y	Z	LOCATION	X	Y	Z
BC1	XXXX	0.0	XXXX	BC2		0.0	XXXX
B1			XXXX	B2			XXXX
U1	-26.6	-20.5	11.2	U2	-27.3	20.7	11.0
U3	-7.0	-10.6	18.7	U4	-7.2	9.7	18.3
U5	+3.5	-1.1	8.6	U6	+17.3	18.8	23.2
U7	+9.8	-19.7	23.3	U8	+15.7	5.3	12.6
U9	+14.5	-9.0	12.3	U10	+23.4	4.8	12.5
U11	+23.5	-9.0	12.7	U12	+20.4	19.4	23.7
U13	+29.0	-19.8	24.2				
BC2	+45.3						
LFS	-15.3	-31.5	10.8				
LMS	-35.5	-31.2	12.0				
LRA 4" TARGET W/ BLACK RING	126.4	50-34.1	13.5				

TRAMMEL DIMENSIONS;

LFS-LMS PRE 30.00

U1-U2 41.12

POST 30.01

WB 104"

For "X" Dimensions.

"O" point Center of Front Axle.

100" Line from Center of front Axle

Need Help understanding

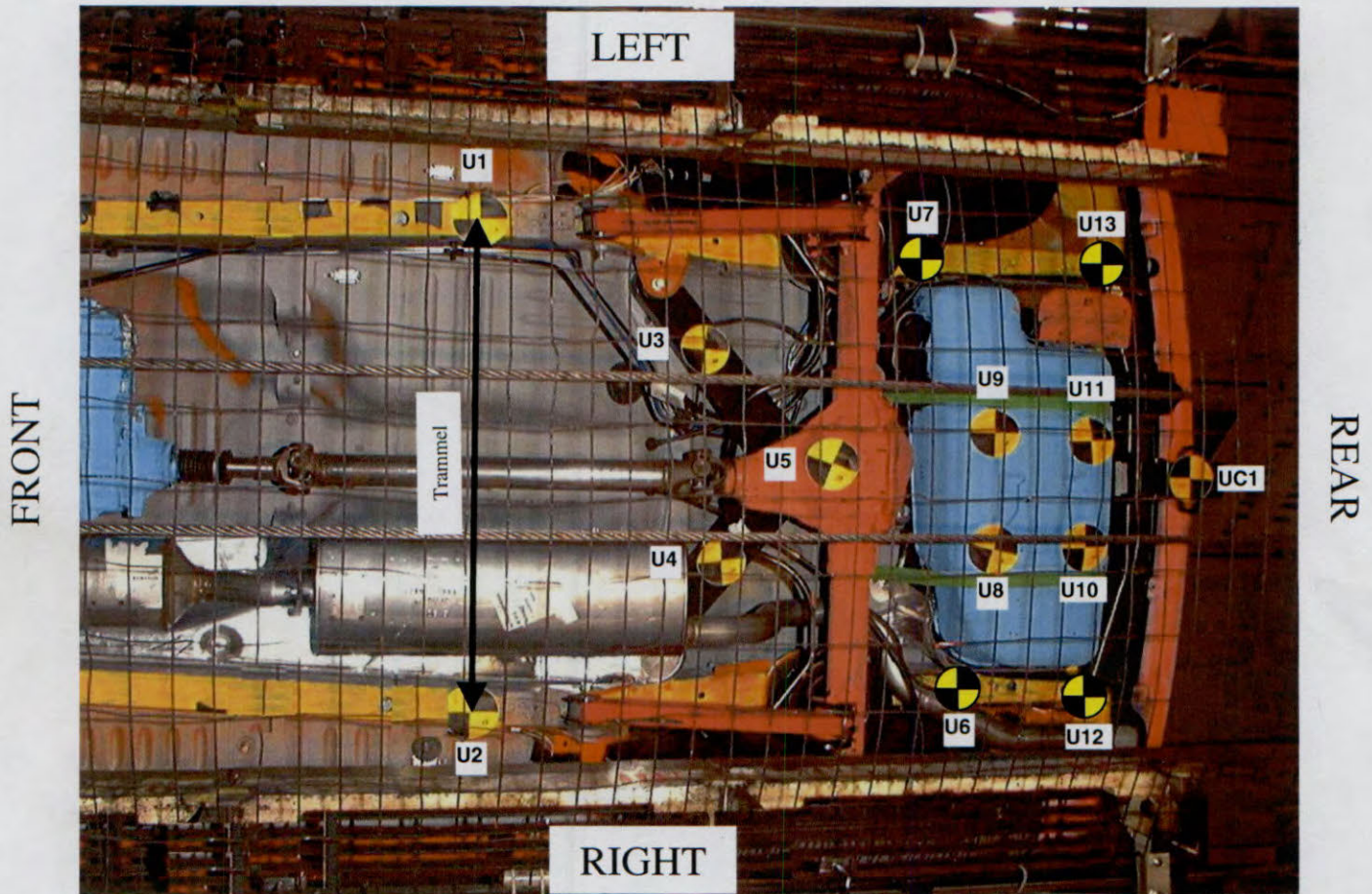
Please Contact me
BG X 5374

Program: 02KJ

VC 8268 ; Item No. KJ5033R

REAR UNDERBODY FOR ALL REAR IMPACTS

Visibility Approved: DGL / 05/03/1999
Approved for CPG Use: GAB / 05/03/1999
Impact Analysis Engineer: DCC / 01/21/2000
DCC T/L: 722-1918; PAGER: 313-709-9150



Guidelines to Placement of Critical Targets:

ITEM	COMMENTS
U1 & U2	5.5" IN FRONT OF FORWARD EDGE OF CONTROL ARM MOUNTING BRACKET.
U3 & U4	CENTER OF UPPER SWING ARMS.
U5	ON CENTER OF REAR DIFFERENTIAL
U12 & U13	END OF RAILS AT REAR BUMPER CROSSMEMBER
U6	14" FORE OF U12
U7	ON LEFT RAIL 16" FORWARD OF U13
U8, U9, U10 & U11	IN SQUARE PATTERN, INSIDE STRAPS ON BOTTOM SURFACE OF THE FUEL TANK
UC1	CENTERED ON REAR BUMPER CROSSMEMBER

07/26/2000

CONFIDENTIAL

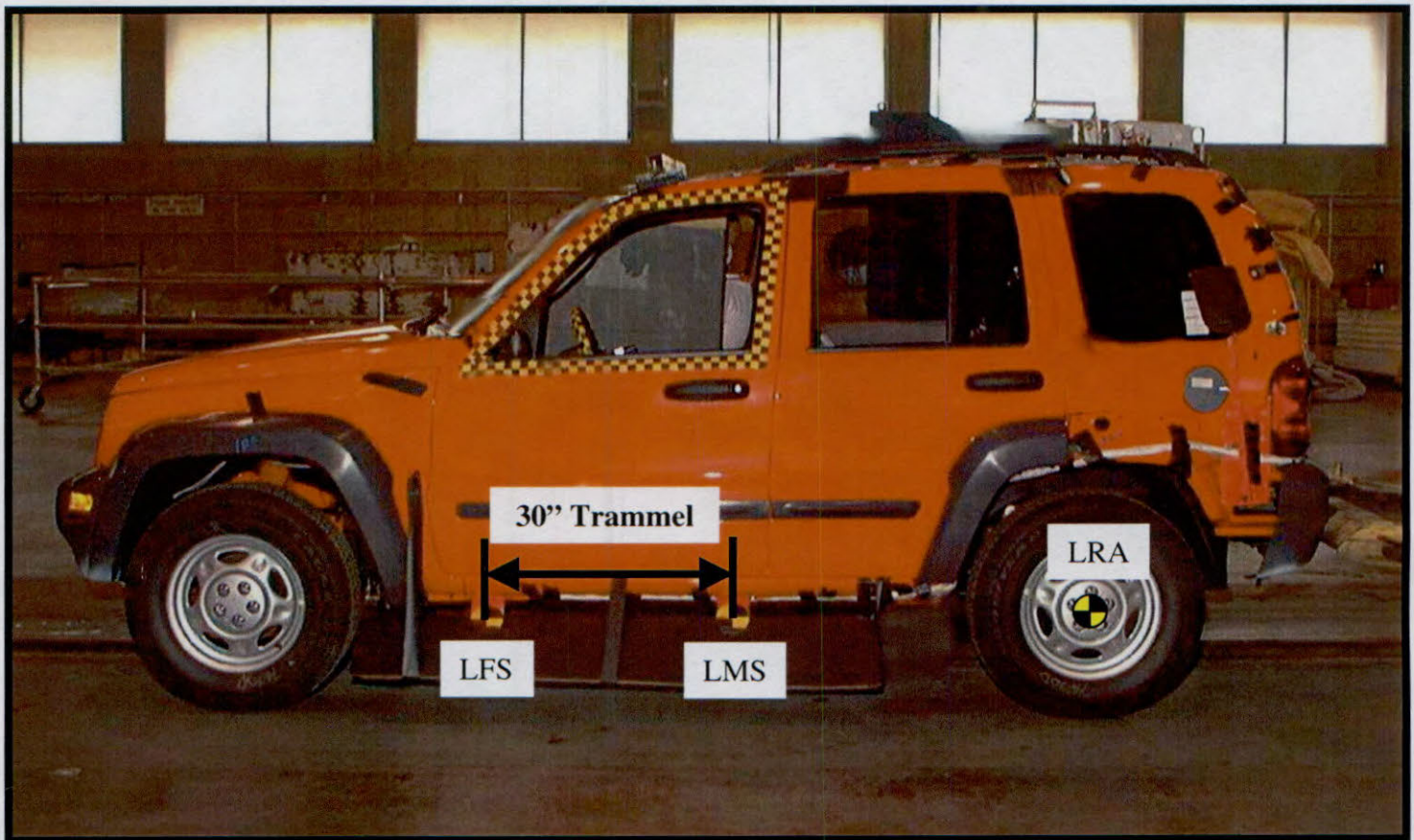
EA12-005- Chrysler -002618

Program: 02KJ

VC 8268 ; Item No. KJ5033R

LEFT SIDE
FOR ALL REAR IMPACTS

Visibility Approved: DGL / 05/03/1999
Approved for CPG Use: GAB / 05/03/1999
Impact Analysis Engineer: DCC / 01/21/2000
DCC T/L: 722-1918; PAGER: 313-709-9150



Guidelines to Placement of Critical Targets:

ITEM	COMMENTS
LMS	BOTTOM OF B-POST ON SILL
LRS	30" FORE OF LMS
LRA	CENTER OF REAR WHEEL

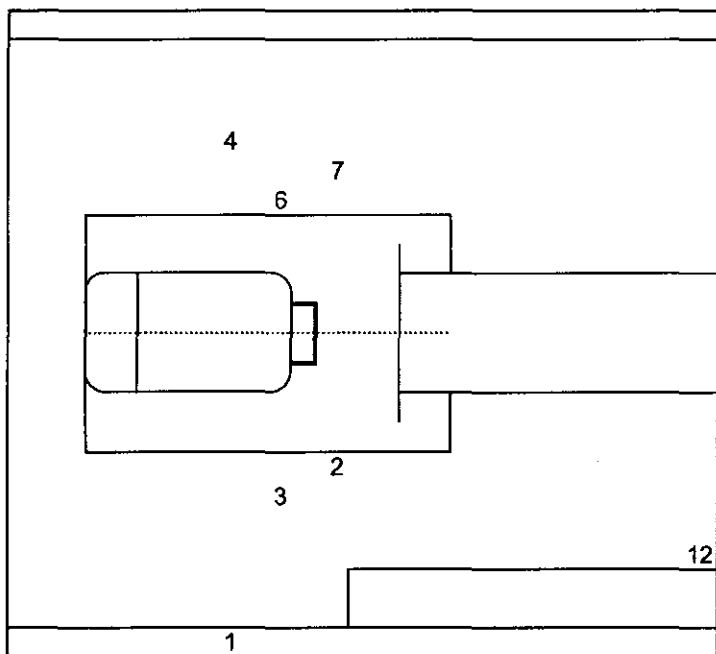
07/26/2000

CONFIDENTIAL

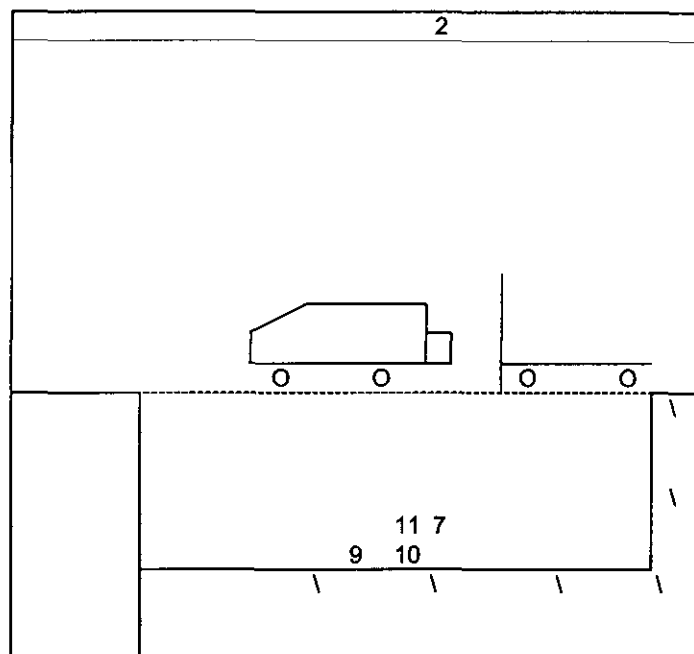
EA12-005- Chrysler -002619

Version: 4

PLAN VIEW



SIDE VIEW



TEST NUMBER: vc 8268
TEST TYPE: 30 MPH Rear Type IV Impact
REQUEST DATE: 05/04/00

VEHICLE TYPE: KJ74
TEST ENGINEER: Matt Colie

#	VIEW DESCRIPTION A=ANALYSIS	CAM S/N	LENS FL	LENS S/N	LENS MFG.	F - STP	PNL	SKT	CBL	MISC
1	A Lt - Dynamic Crush	427	18MM	107231	KIN					
2	Lt - Close Up of Rear Quarter Panel	1876*	35MM	111289	KIN					
3	Rt - Overall	1879	13MM	105432	KIN					
4	Rt - Close Up of Rear Quarter Panel	1878*	35MM	111290	KIN					
5	Rt - View of Swing Gate from Rear Quarter (3k fps)	HYCAMO	50MM	111048	KIN					
6	Rt - High Mount Close-up of Swing Gate Handle (3k fps)	PHOTEC	45MM	15291	MAM					
7	A Pit - Overall Underbody - Forward	432	13MM	13-7	COS					
8	A Pit - Overall Underbody - Rear	433	13MM	13-5	COS					
9	Pit - View of ORVR Equipment (attached at LR tank)	283	25MM	25-3	COS					
10	Pit - Close Up of Fuel Fill Area	284	25MM	25-4	COS					
11	Velocity	286	100MM	B2088	LGT					
30	Lt - Ektapro - Close Up of Rear Quarter to view Swing Gate and Handle	EKTA	ZOOM	300473	CAN					
	vc photo w/o									
	2- film copies 1 - Mark Levine									
	1 - M. Gielow									
	1- vhs Mark Levine									

8/3/00

FUEL SYSTEM AND STATIC ROLLOVER SUMMARY

TEST NUMBER VC8268, ITEM NUMBER KJ5033R, TEST ENGINEER COLIE

V.I.N. 1J43FA81427 [REDACTED], TEST DATE 08/03/02 ROLL DATE 08/05/00

TEST TYPE; 30 MPH TYPE IV MOVING BARRIER REAR IMPACT

FUEL; TYPE AND QUANTITY - 767 S.G. STODDARD SOLVENT, 14.3 GALLONSTEST SPEED 30.3 MPH, TEST WEIGHT 4421 POUNDS.POST IMPACT LEAKAGE(OZ); AT IMPACT 0-1ST 5 MIN. 0-NEXT 25 MIN. 0-

POST TEST PRESSURE CHECK _____

ELECTRIC FUEL PUMP RUN _____

☐ NO STATIC ROLL PERFORMEDSTATIC ROLL LEAKAGE WITH VEHICLE L-FT SIDE DOWN FIRST

FUEL LEAKAGE LOCATIONS DURING STATIC ROLL						TOTAL
ROLL TIME						
0-90	1ST 5 MIN					0 *
<u>1:55</u>	POST 5 MIN					0 **
90-180	1ST 5 MIN					0 *
<u>1:49</u>	POST 5 MIN					0 **
180-270	1ST 5 MIN					0 *
<u>1:45</u>	POST 5 MIN					0 **
270-360	1ST 5 MIN					0 *
<u>1:47</u>	POST 5 MIN					0 **

* OUNCES IN 5 MINUTES, ** OUNCES PER MINUTE

POST TEST FUEL SYSTEM OBSERVATIONS _____

LAST FORM MODIFICATION 08/22/96 - GAB (TESTOBS896, DOCVCFORMS)

DATE 08/04/00
TIME 17:19:01.

ELECTRONIC DATA PROCESSING
EDP TEST LETTER

VEHICLE CRASH ENGINEERING
DEPT 5320

VC08268 ITEM KJ5033R
VC08268 30 MPH REAR MOVING BARRIER, KJJ-74 ITEM KJ5033R
2002 MVSS 301 REAR IMPACT DEVELOPMENT.
TEST DATE 08/03/00

TEST PURPOSE PRIMARY, 2001 USA 301 DEVELOPMENT.

IMPACT TYPE TARGET SPEED; 30.1 MPH
DAMAGE LOCATION; REAR CENTER
BARRIER TYPE; REAR TYPE IV
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VEHICLE BODY CLASS; KJ
CAR LINE; J
BODY; 74
ENGINE; 2.4 LITRE
ENGINE NOTE; ELECTRONIC FUEL INJECTION
TRANSMISSION; 5 SPEED MANUAL 4x4
TRANS. NOTE;
VIN AS TESTED; 1J43FA8142 [REDACTED] MOD.
VIN AS BUILT; 1J43FA8142 [REDACTED] MOD.

TEST SPEED 30.3 MPH BY ELECTRONIC TRAP

TEST WEIGHT (LBS) 4421 TOTAL, 2354 FRONT, 2067 REAR

OCCUPANTS LEFT FRONT, HII BALLAST AD-75
RESTRAINT-BELTS ONLY
RIGHT FRONT, HII BALLAST AD-59
RESTRAINT-BELTS ONLY

BUILD CONDITION

TARGET WEIGHT (LBS) 3885 LB TOTAL, 1995 FRONT, 1890 REAR REP MAX OPT
WEIGHT FOR A 2.4L 4X4 VEHICLE W/OUT CARGO OR
OCCUPANTS.

DATE 08/04/00
TIME 17:19:01.

ELECTRONIC DATA PROCESSING
EDP TEST LETTER

VEHICLE CRASH ENGINEERING
DEPT 5320

VC08268 ITEM KJ5033R
VC08268 30 MPH REAR MOVING BARRIER, KJJ-74 ITEM KJ5033R
2002 MVSS 301 REAR IMPACT DEVELOPMENT.
TEST DATE 08/03/00

FUEL AND BALLAST 17.5 GALLONS OF STODDARD SOLVENT
300 LBS
150 LBS ON REAR FLOOR

EDP TECHNICIAN S. MARCHENIA

No. of Pages 74
CC

M. A. GIELOW	481-02-13
M. P. LEVINE	514-17-41
M. STEBELTON	422-05-01

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***** VC08268B Continued *****

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C
C
C
C
C
C

***** VC08268C *****

TITLE: Moving barrier Channels

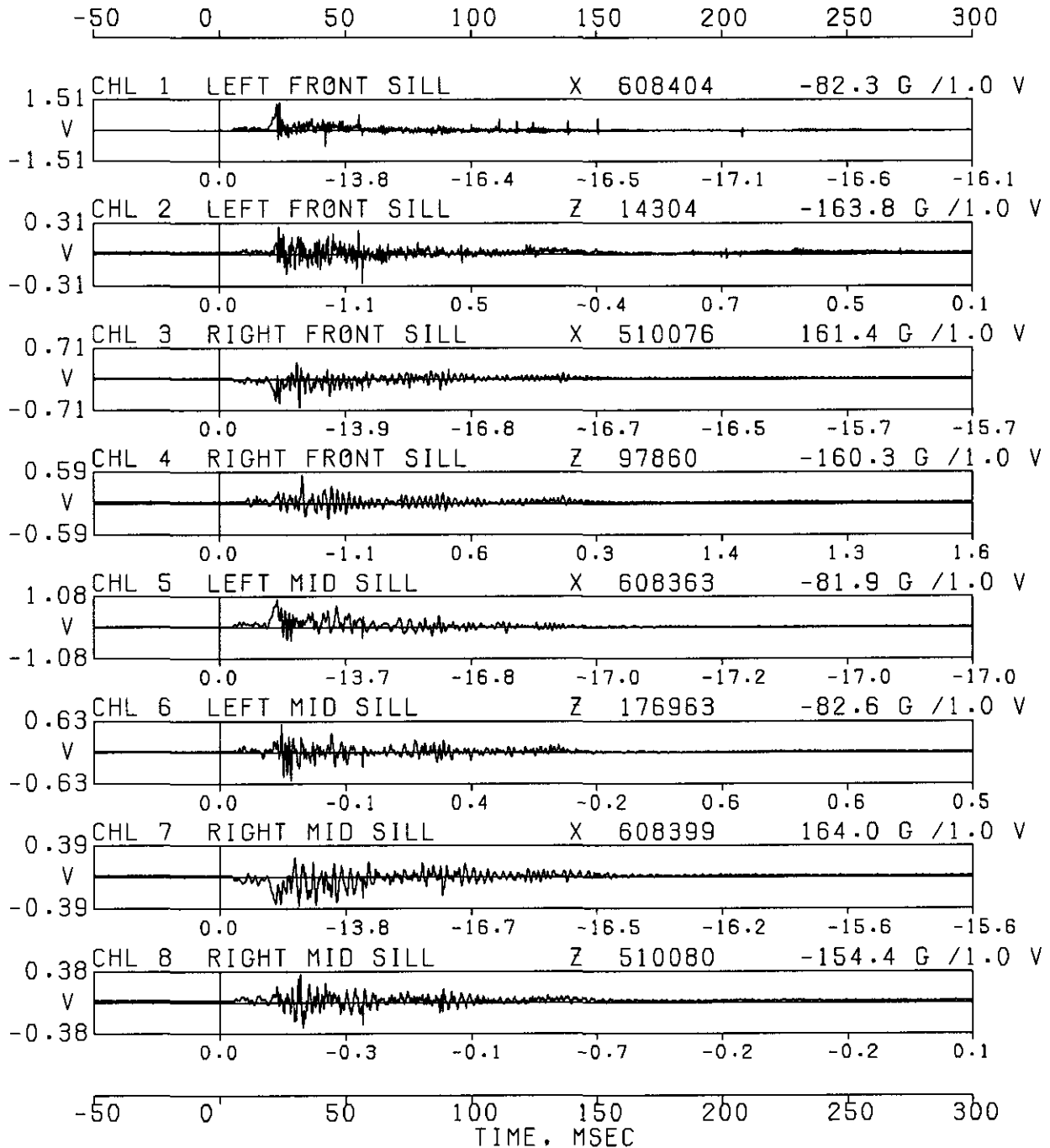
Pages 071 - 074

PAGE: 071 LT RAIL MBAR MID X Chl 65
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TRANSDUCER SUMMARY REPORT

VC08268 30 MPH REAR MOVING BARRIER. KJJ-74 ITEM KJ5033R
 2002 MVSS 301 REAR IMPACT DEVELOPMENT.
 IMPACT ANALYSIS DEPT. 5320
 AUG 4,2000

PAGE 001
 OF 074
 DATA SET 08/03/00BG
 ERRATA 1

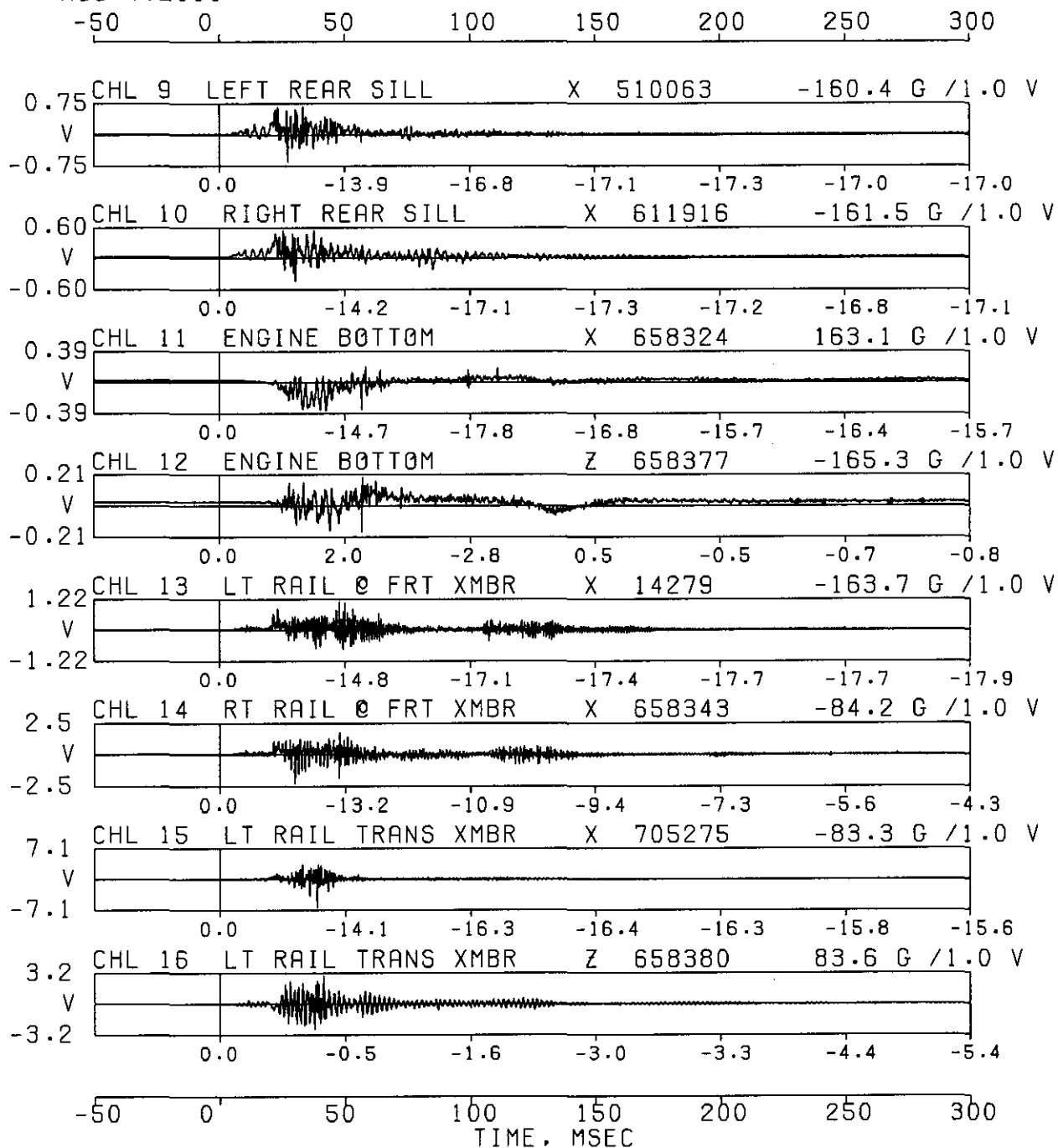


NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW
 EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

TRANSDUCER SUMMARY REPORT

VC08268 30 MPH REAR MOVING BARRIER. KJJ-74 ITEM KJ5033R
 2002 MVSS 301 REAR IMPACT DEVELOPMENT.
 IMPACT ANALYSIS DEPT. 5320
 AUG 4.2000

PAGE 002
 OF 074
 DATA SET 08/03/00BG
 ERRATA 1



NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

TRANSDUCER SUMMARY REPORT

VC08268 30 MPH REAR MOVING BARRIER, KJJ-74 ITEM KJ5033R
 2002 MVSS 301 REAR IMPACT DEVELOPMENT.
 IMPACT ANALYSIS DEPT. 5320

PAGE 003

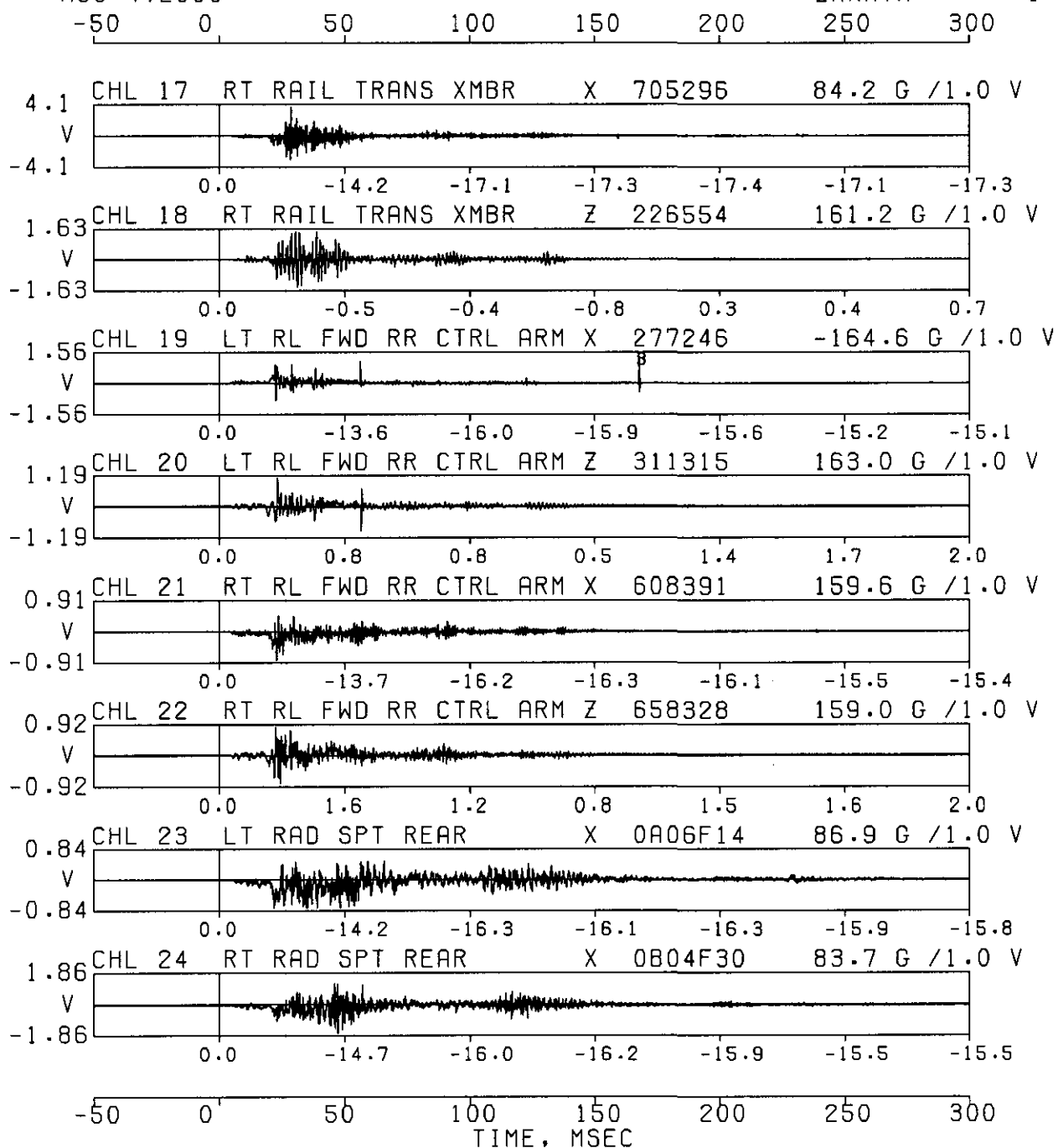
OF 074

DATA SET 08/03/00BH

AUG 4,2000

ERRATA

1

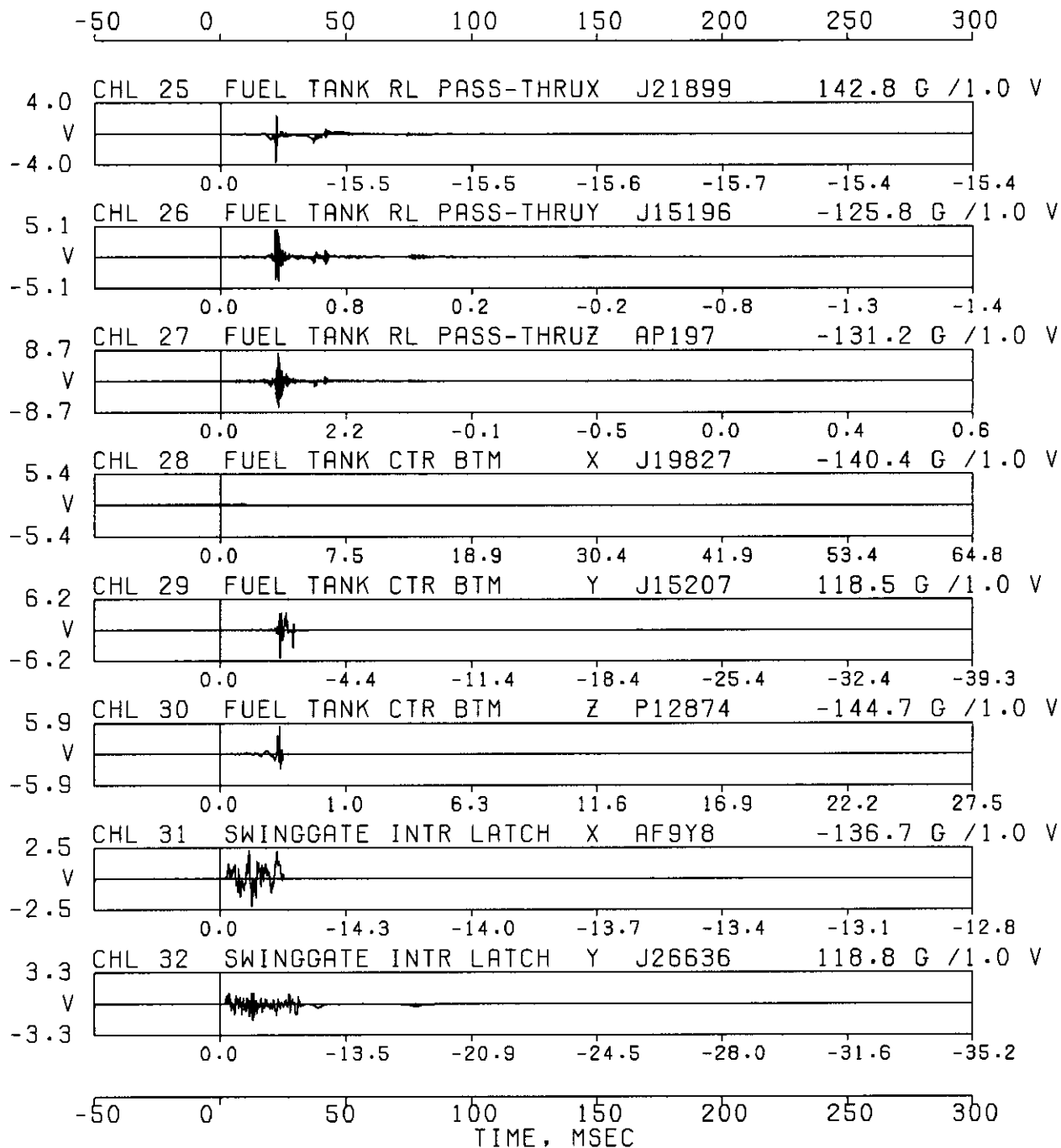


NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW
 EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

TRANSDUCER SUMMARY REPORT

VC08268 30 MPH REAR MOVING BARRIER, KJJ-74 ITEM KJ5033R
 2002 MVSS 301 REAR IMPACT DEVELOPMENT.
 IMPACT ANALYSIS DEPT. 5320
 AUG 4,2000

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 DATA SET 08/03/00BH
 ERRATA 1



NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

TRANSDUCER SUMMARY REPORT

VC08268 30 MPH REAR MOVING BARRIER, KJJ-74 ITEM KJ5033R

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2002 MVSS 301 REAR IMPACT DEVELOPMENT.

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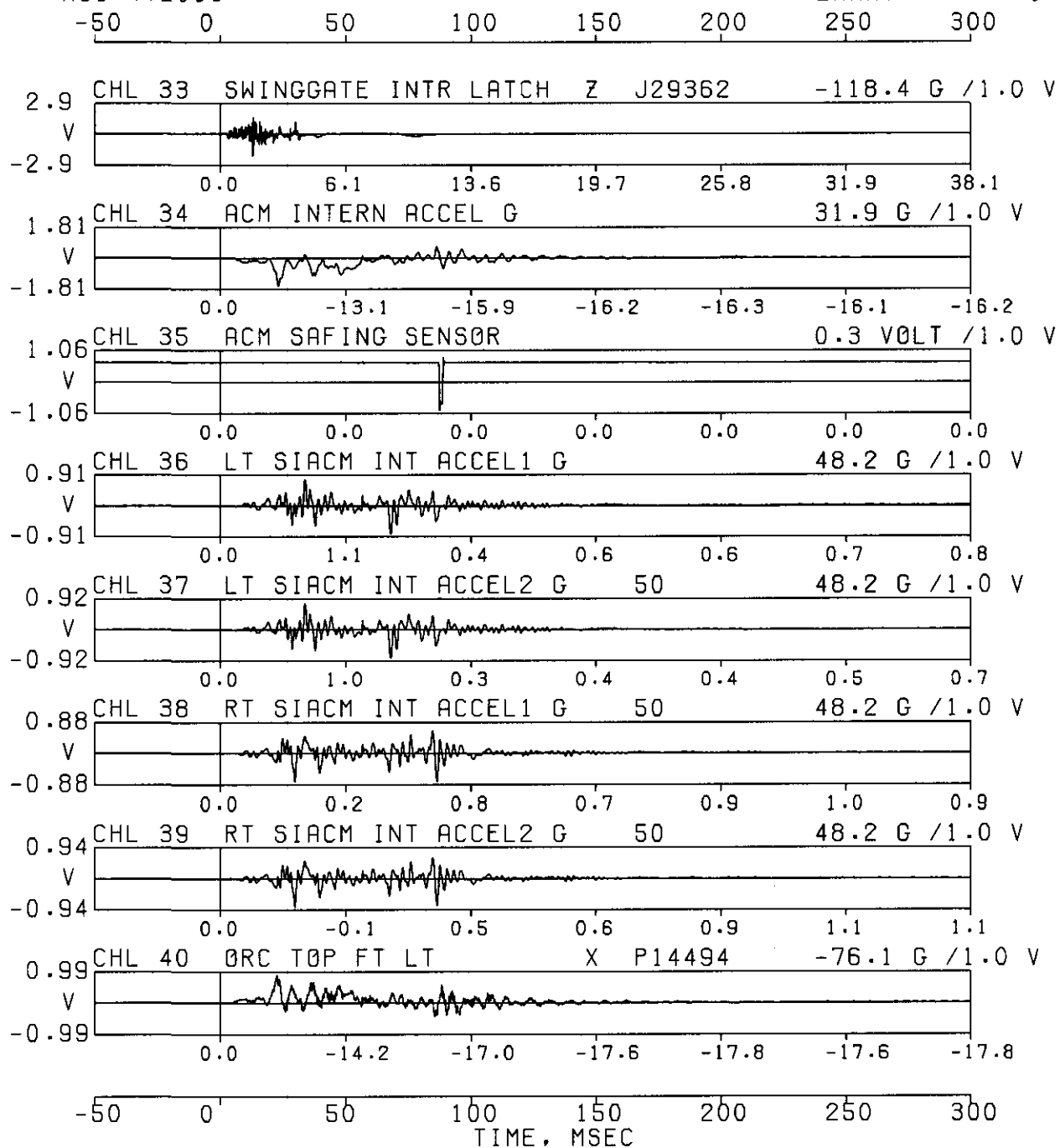
IMPACT ANALYSIS DEPT. 5320

DATA SET 08/03/0081

AUG 4,2000

ERRATA

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NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B--.

TRANSDUCER SUMMARY REPORT

VC08268 30 MPH REAR MOVING BARRIER, KJJ-74 ITEM KJ5033R
 2002 MVSS 301 REAR IMPACT DEVELOPMENT.
 IMPACT ANALYSIS DEPT. 5320
 AUG 4.2000

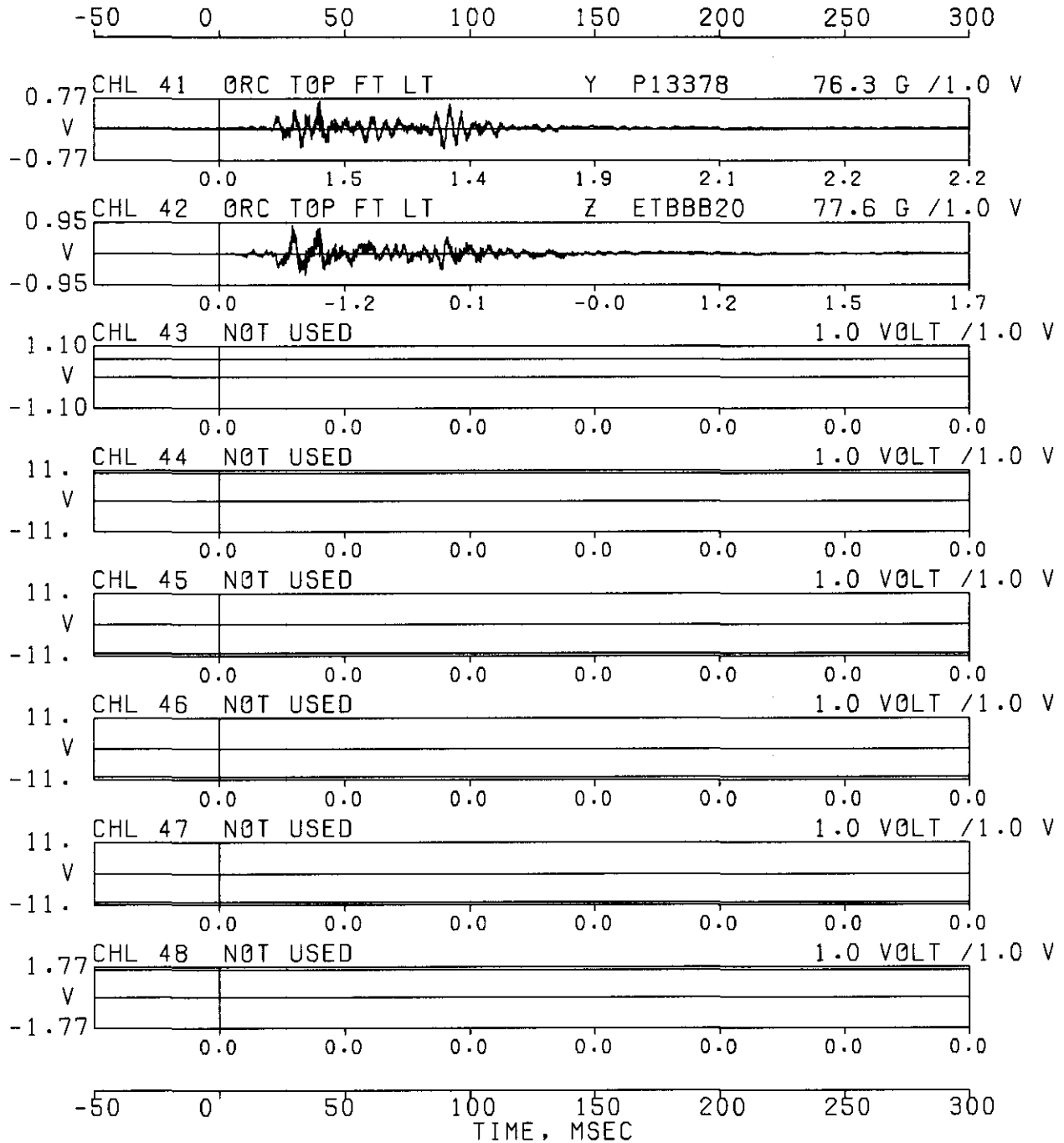
PAGE 006

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DATA SET 08/03/00BI

ERRATA

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NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW
 EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

TRANSDUCER SUMMARY REPORT

VC08268 30 MPH REAR MOVING BARRIER, KJJ-74 ITEM KJ5033R

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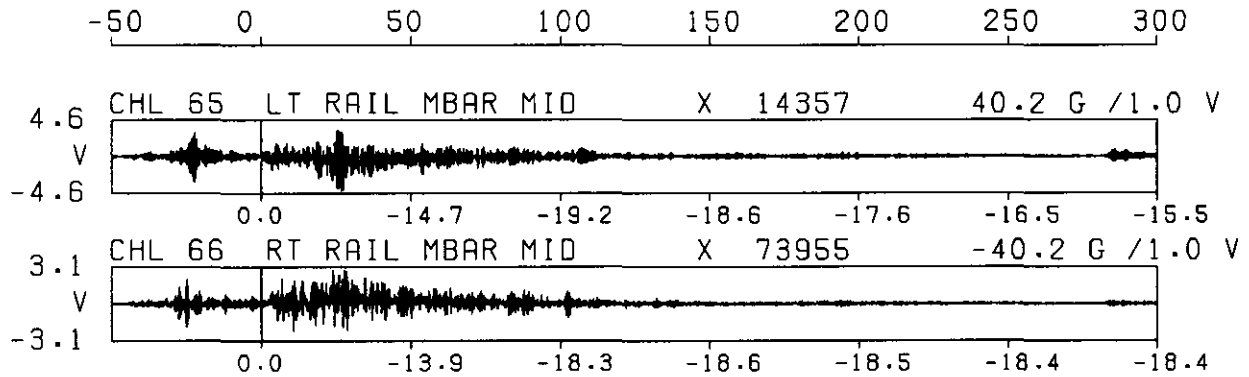
IMPACT ANALYSIS DEPT. 5320

DATA SET 08/03/00BK

AUG 4,2000

ERRATA

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NOTE COMPUTED FIRST INTEGRAL VALUES ARE INDICATED BELOW EACH CHANNEL AND BRIDGED DATA IS INDICATED BY A -B-.

AVERAGE OF

CHANNEL 001 LEFT FRONT SILL	X	608404
CHANNEL 003 RIGHT FRONT SILL	X	510076
CHANNEL 009 LEFT REAR SILL	X	510063
CHANNEL 010 RIGHT REAR SILL	X	611916

FILTER TYPE: SAE J211B/80 DC C60(TPF-R) EFF 3/24/86

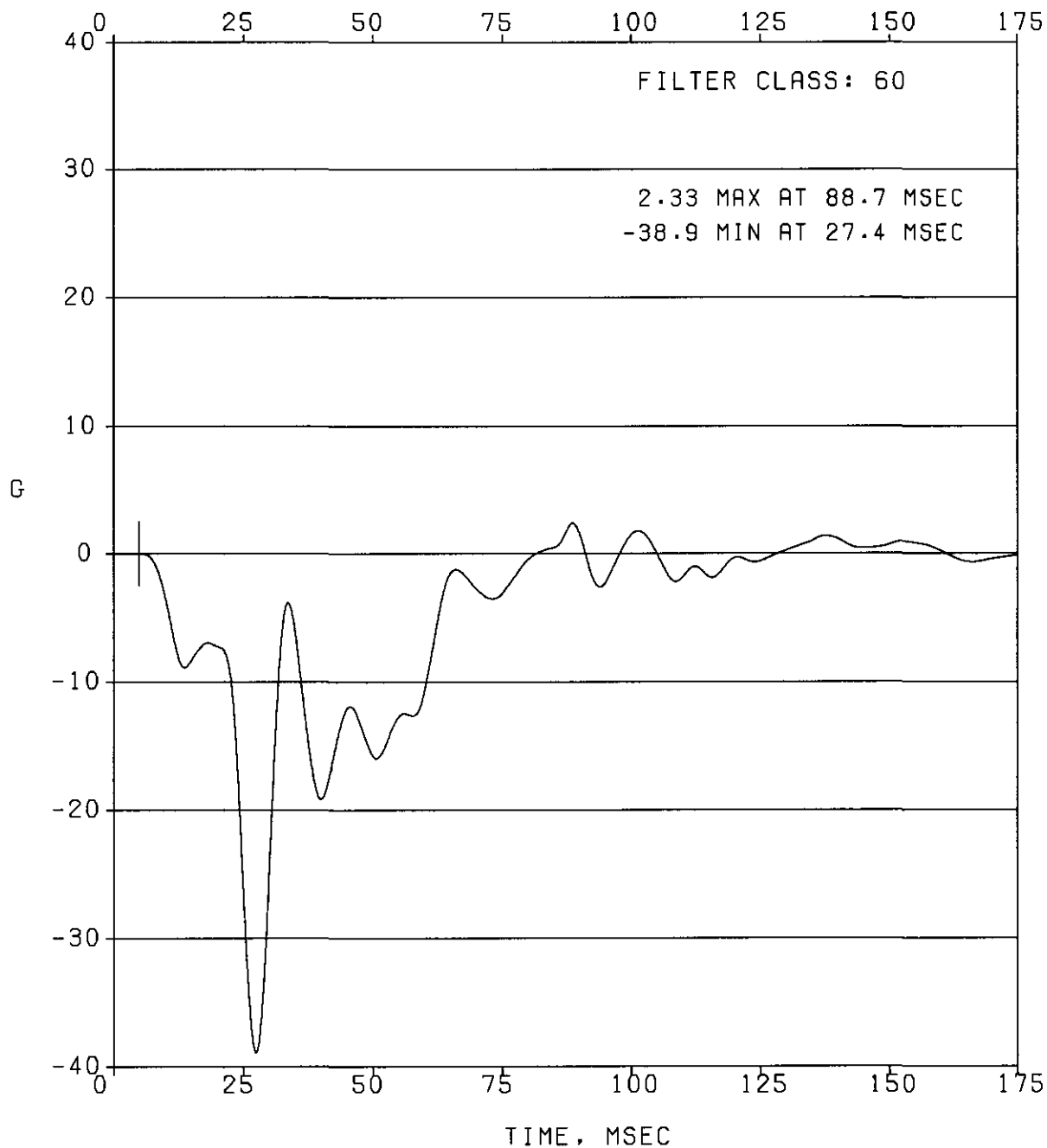
IMPACT ANALYSIS DEPT. 5320

DATA SET 08/03/00BG

AUG 4, 2000

ERRATA

1



AVERAGE OF

CHANNEL 001 LEFT FRONT SILL	X	608404
CHANNEL 003 RIGHT FRONT SILL	X	510076

FILTER TYPE: SAE J211B/80 DC C60(TPF-R) EFF 3/24/86

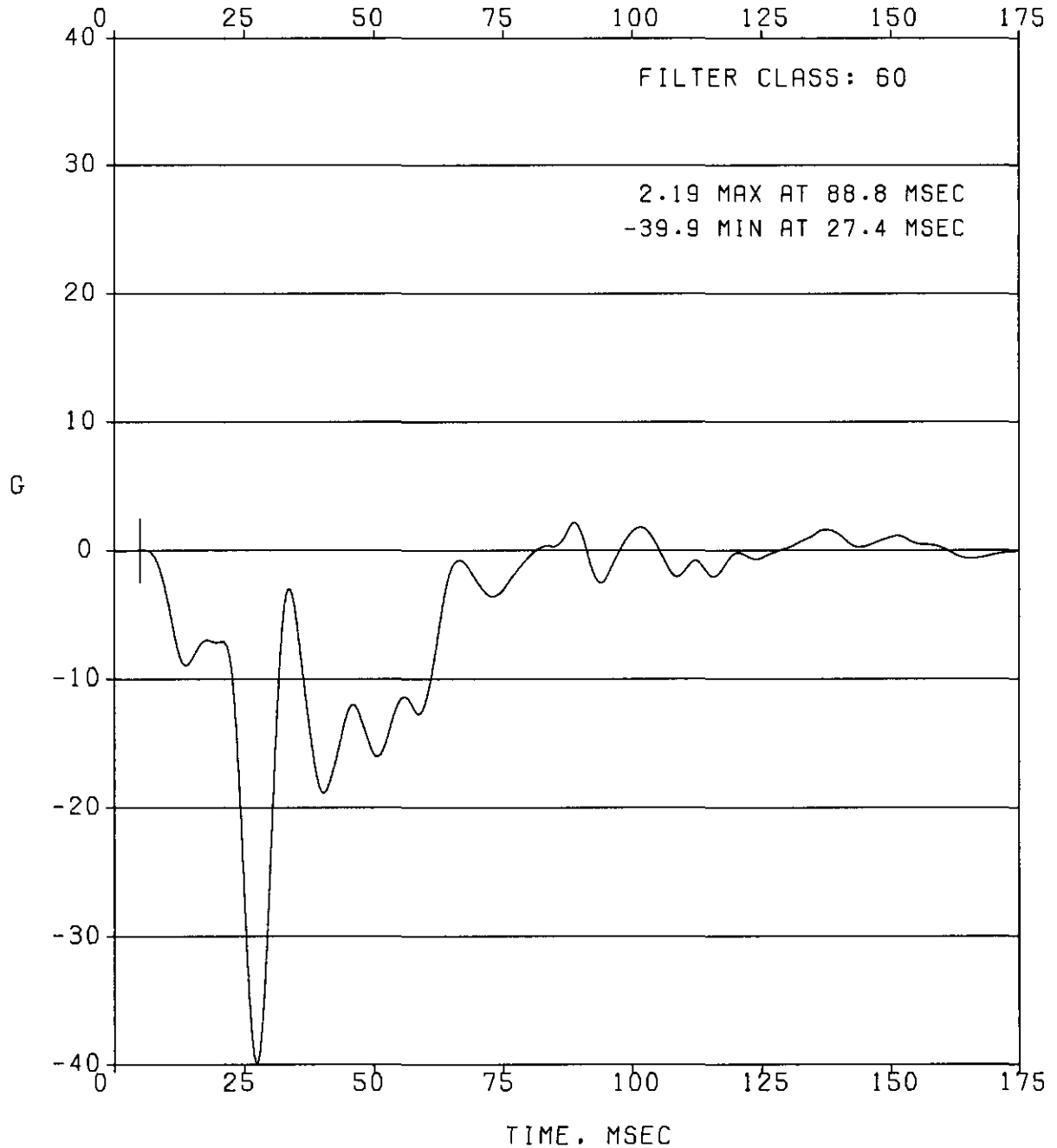
IMPACT ANALYSIS DEPT. 5320

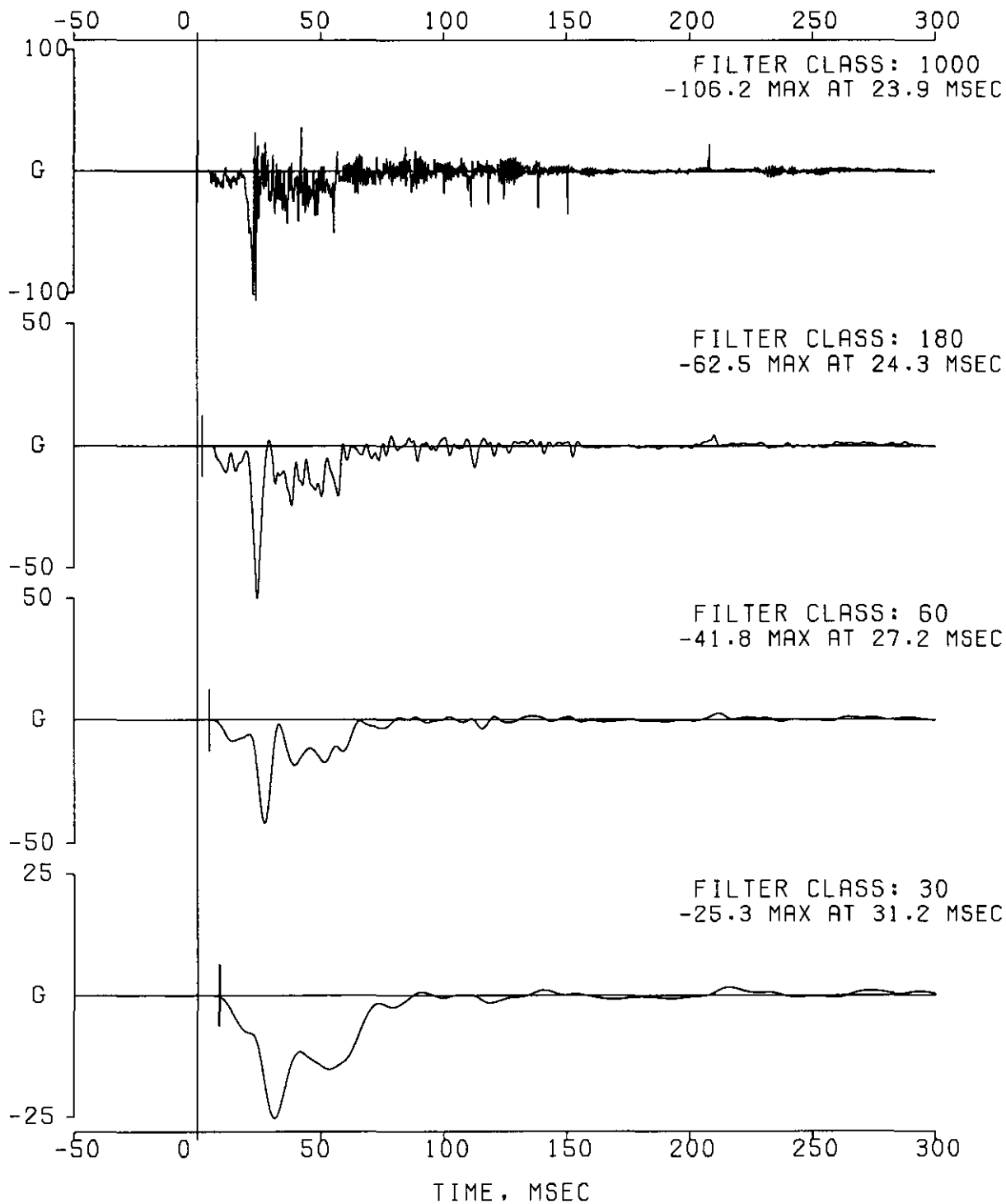
DATA SET 08/03/00BG

AUG 4, 2000

ERRATA

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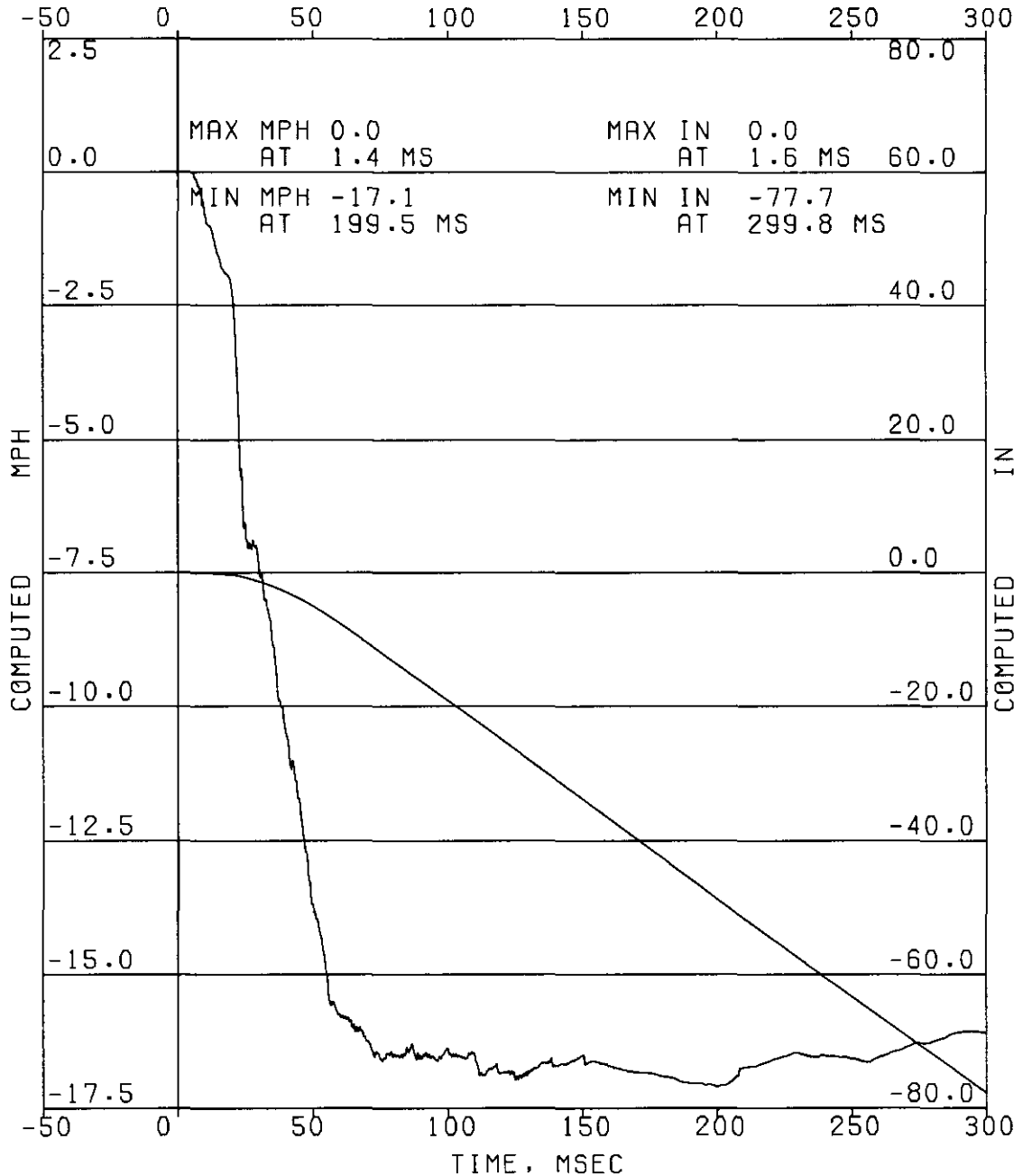




FILTER TYPE: 08DAS-III RESPONSE CORRECTION, CLASS 1000 FILTER(1650)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BG
ERRATA 1



COMPUTED MPH
COMPUTED IN

CHANNEL 002 LEFT FRONT SILL Z 14304

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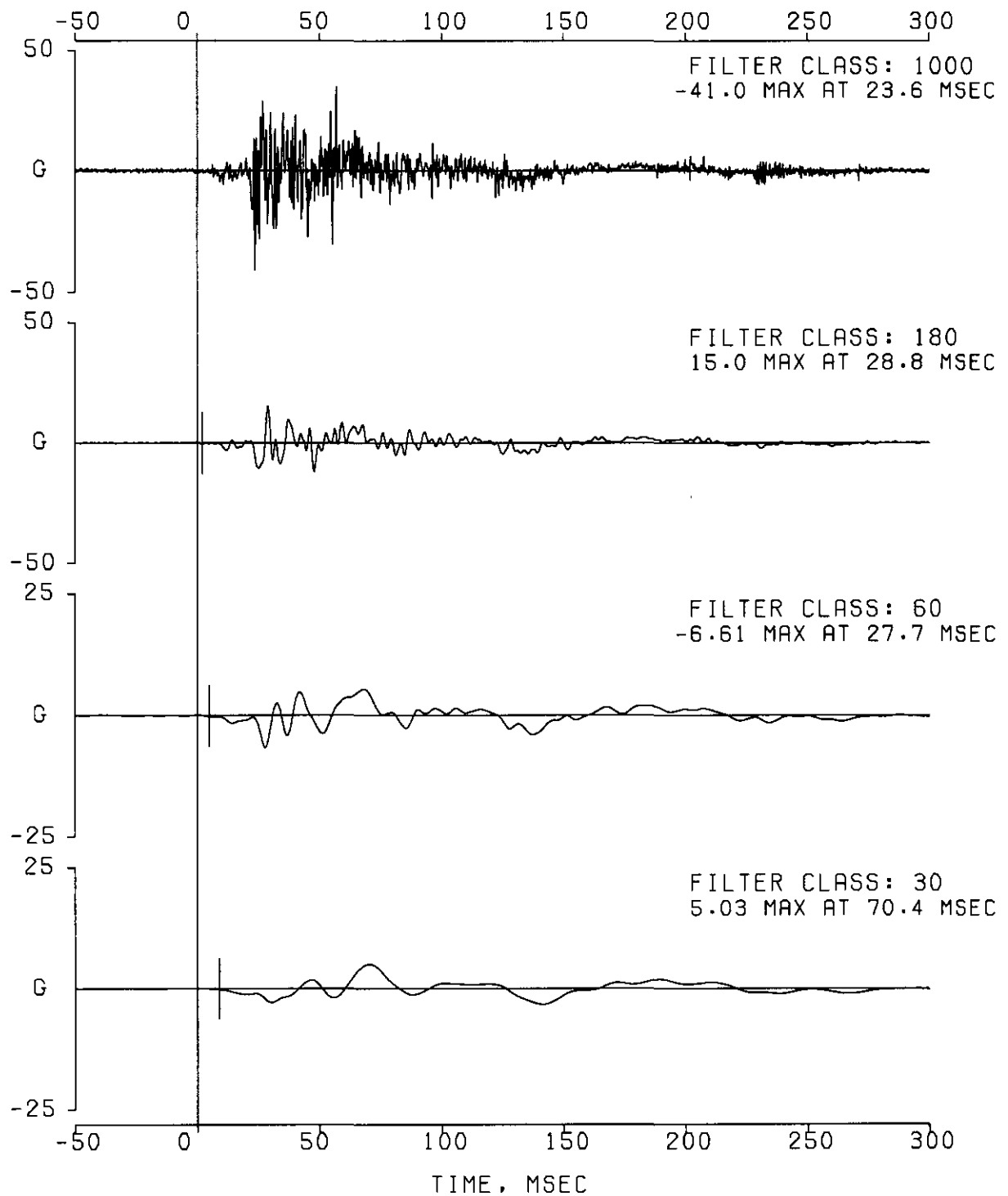
IMPACT ANALYSIS DEPT. 5320

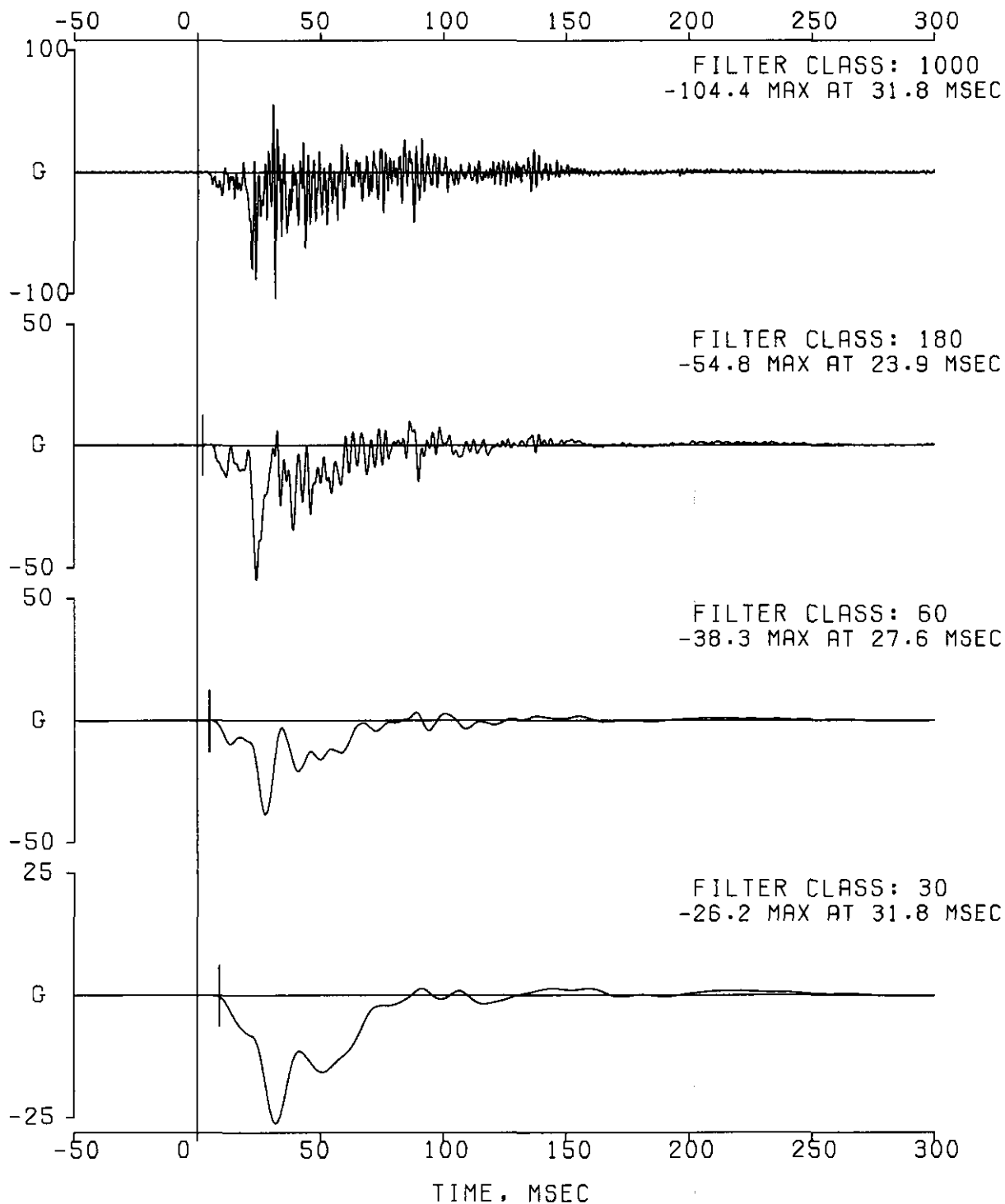
DATA SET 08/03/00BG

AUG 4.2000

ERRATA

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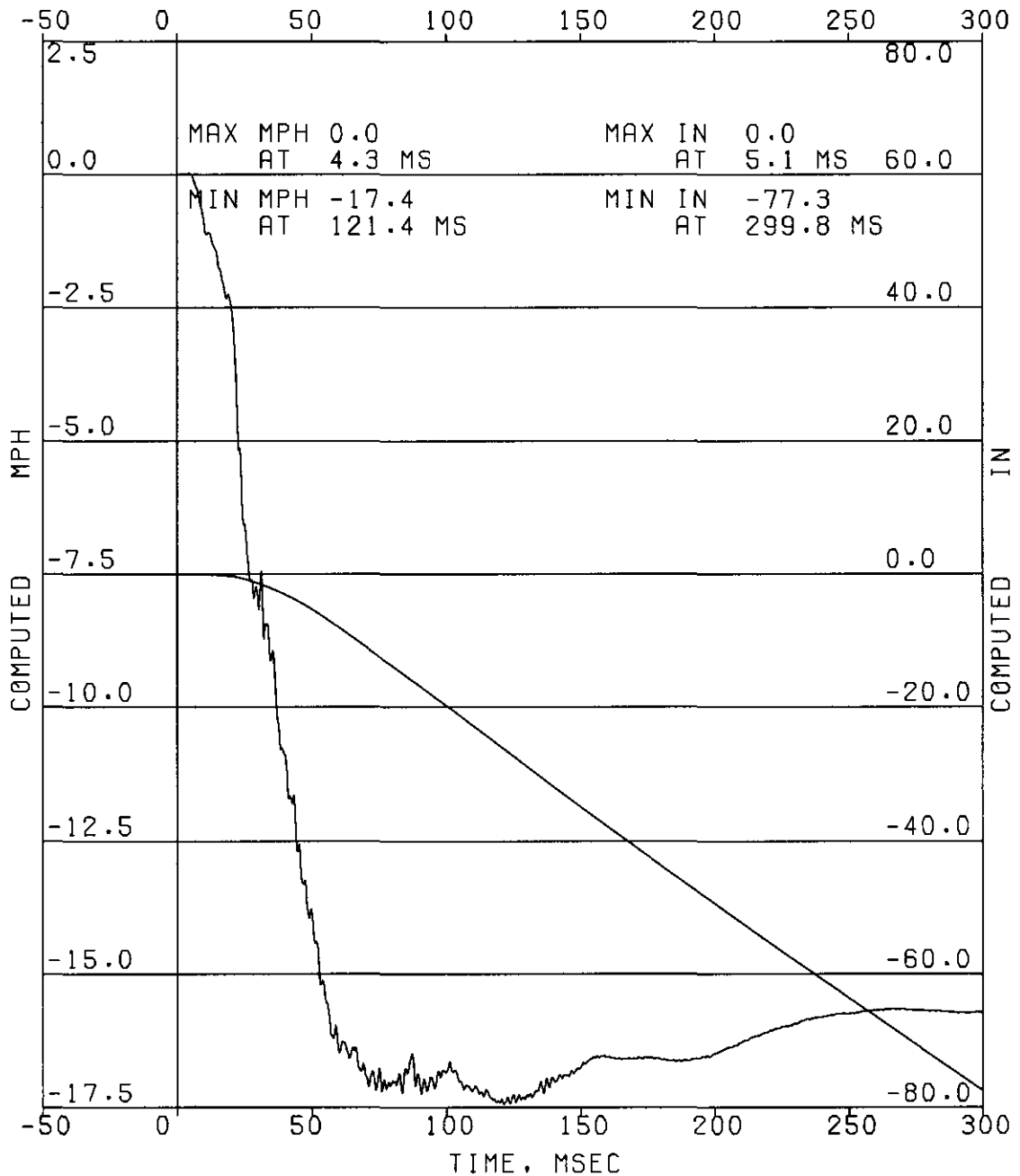




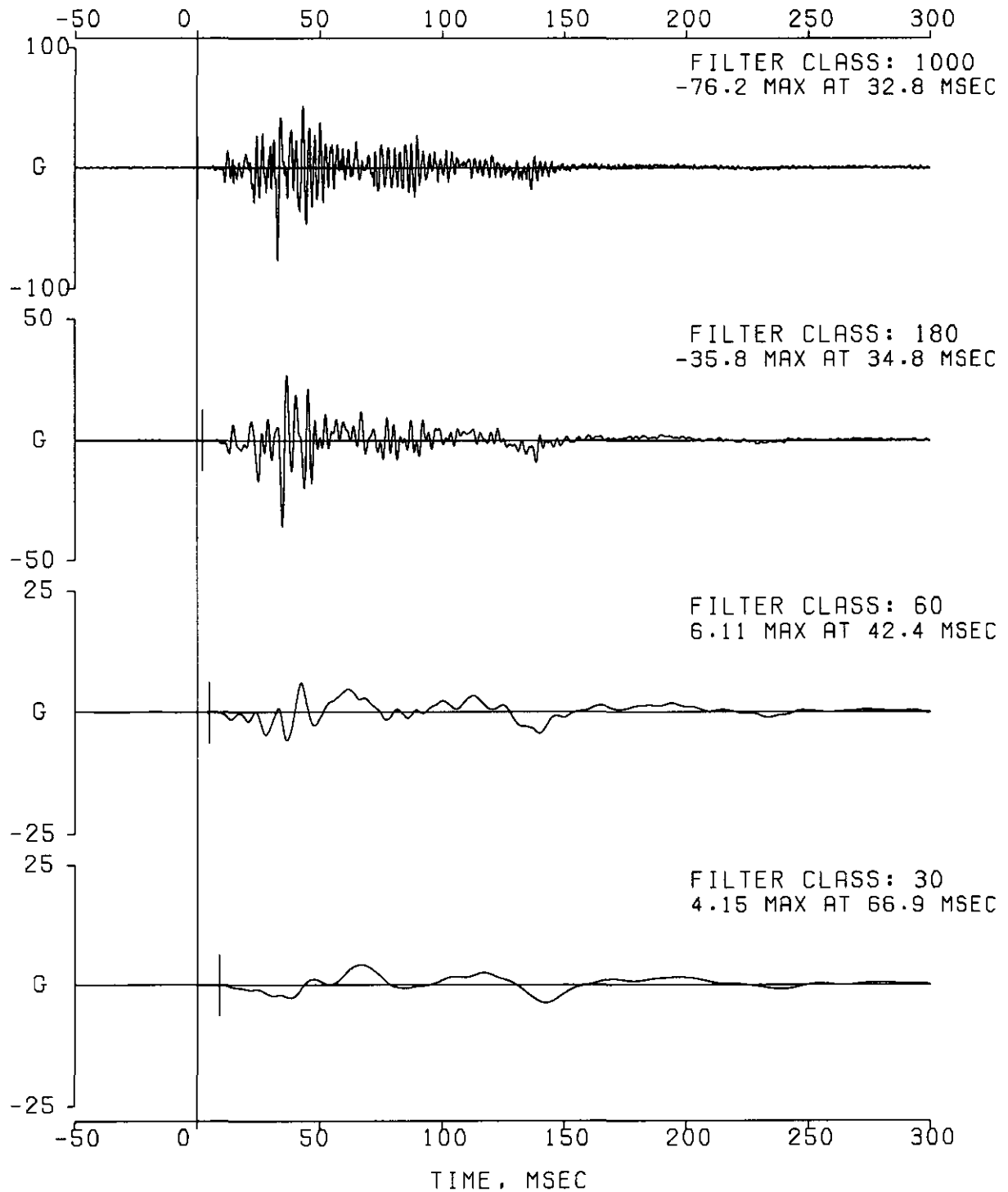
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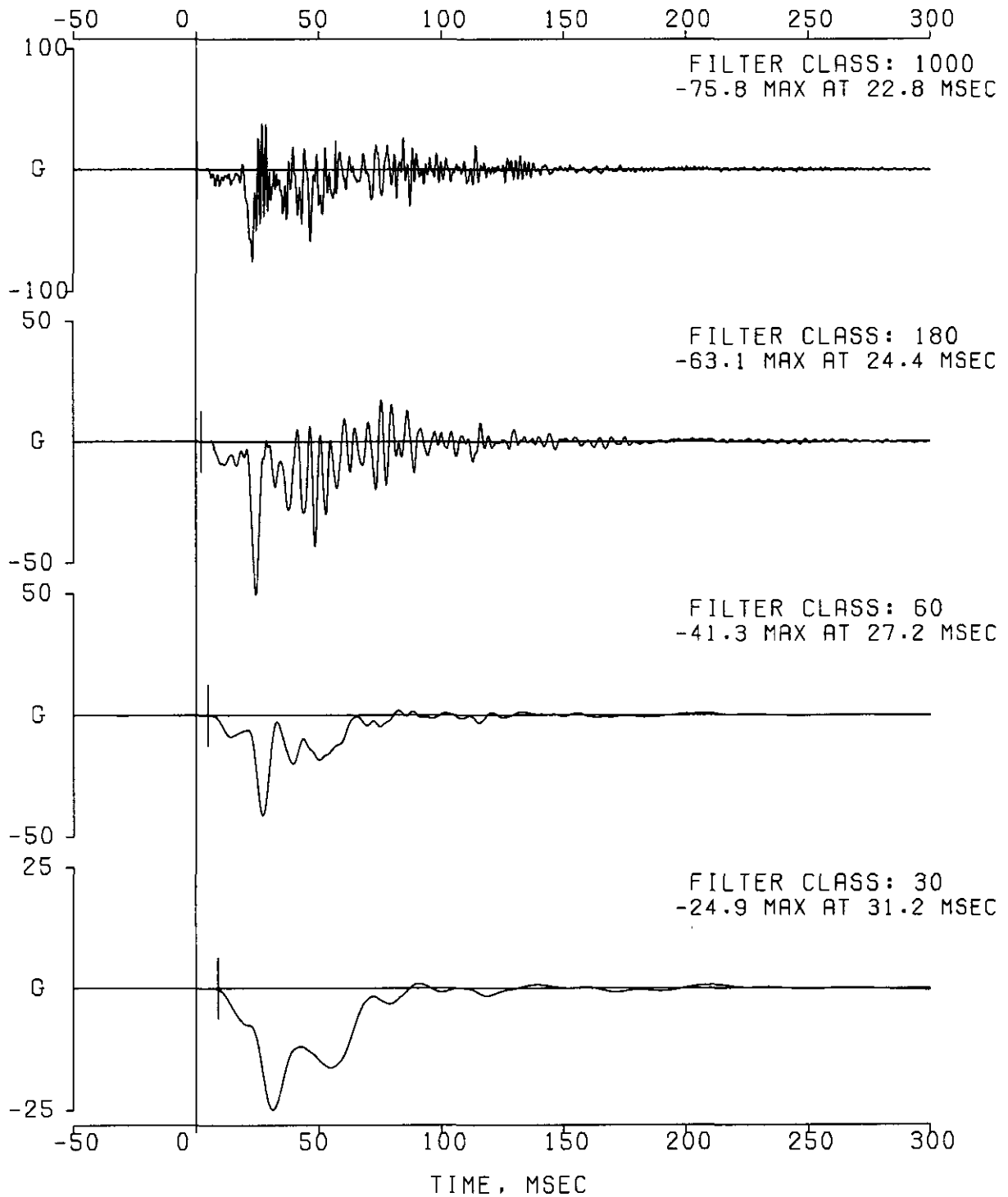
IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BG
ERRATA 1



COMPUTED MPH
COMPUTED IN

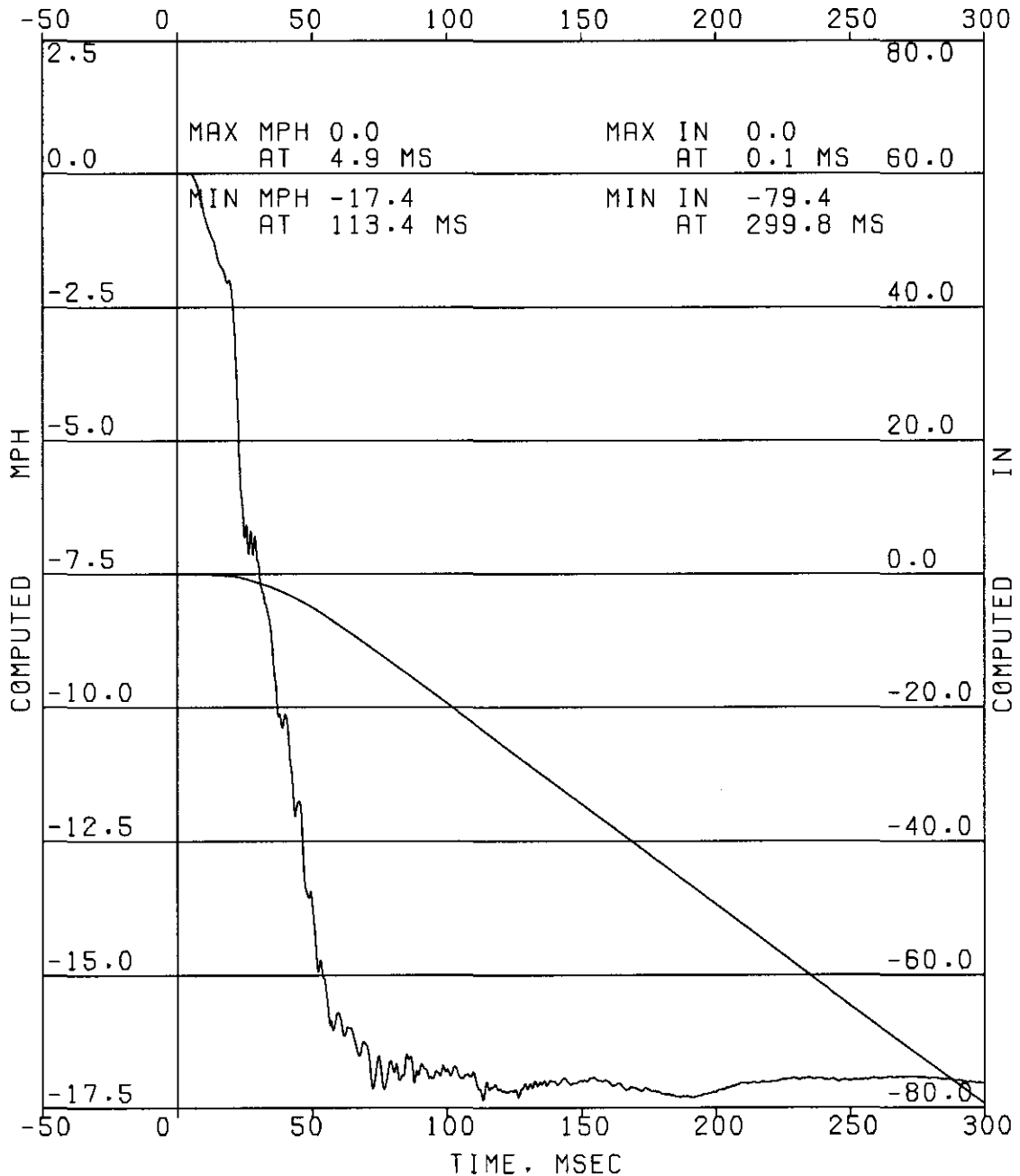




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IMPACT ANALYSIS DEPT. 5320
AUG 4, 2000

DATA SET 08/03/00BG
ERRATA 1



COMPUTED MPH
COMPUTED IN

CHANNEL 006 LEFT MID SILL Z 176963

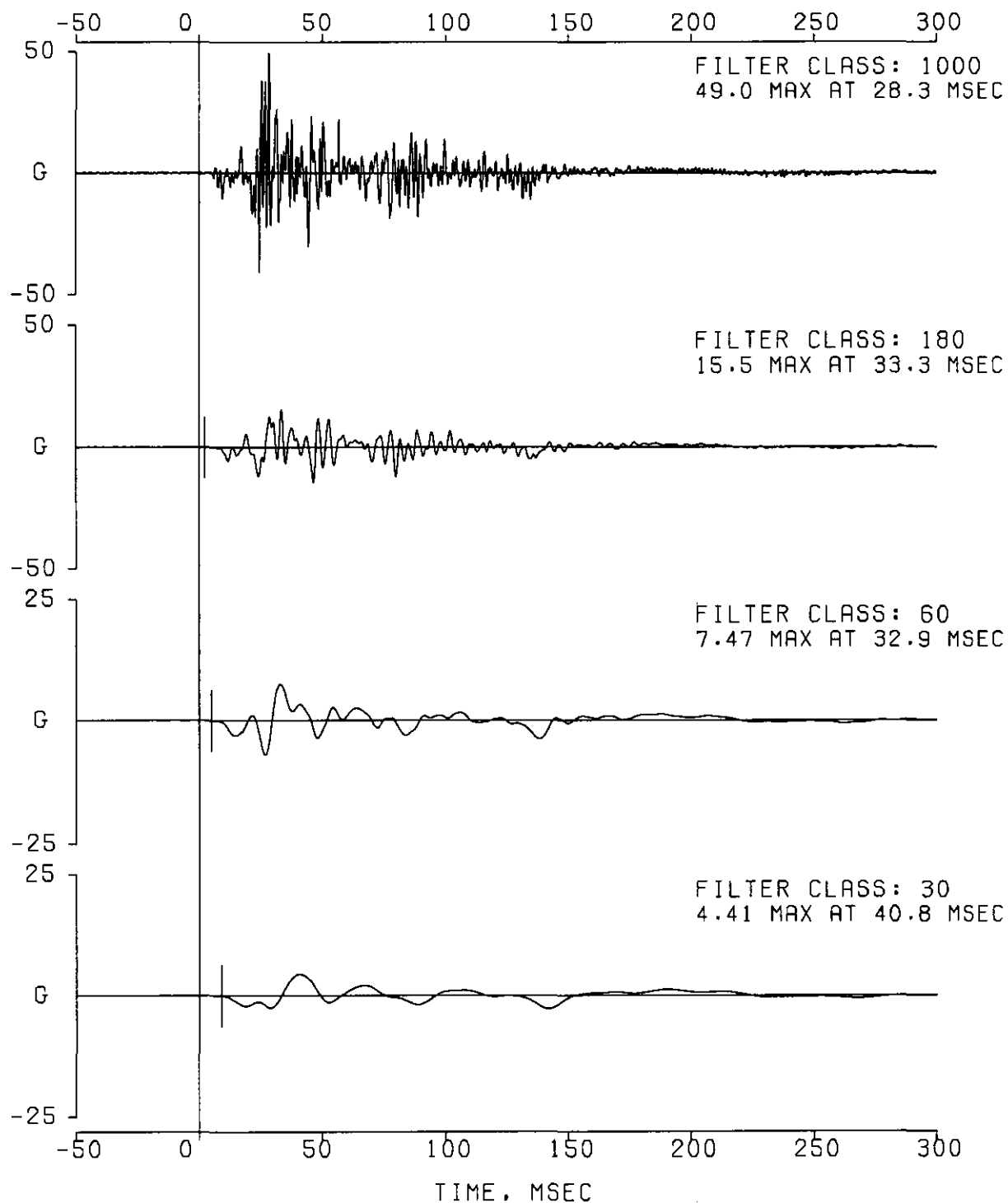
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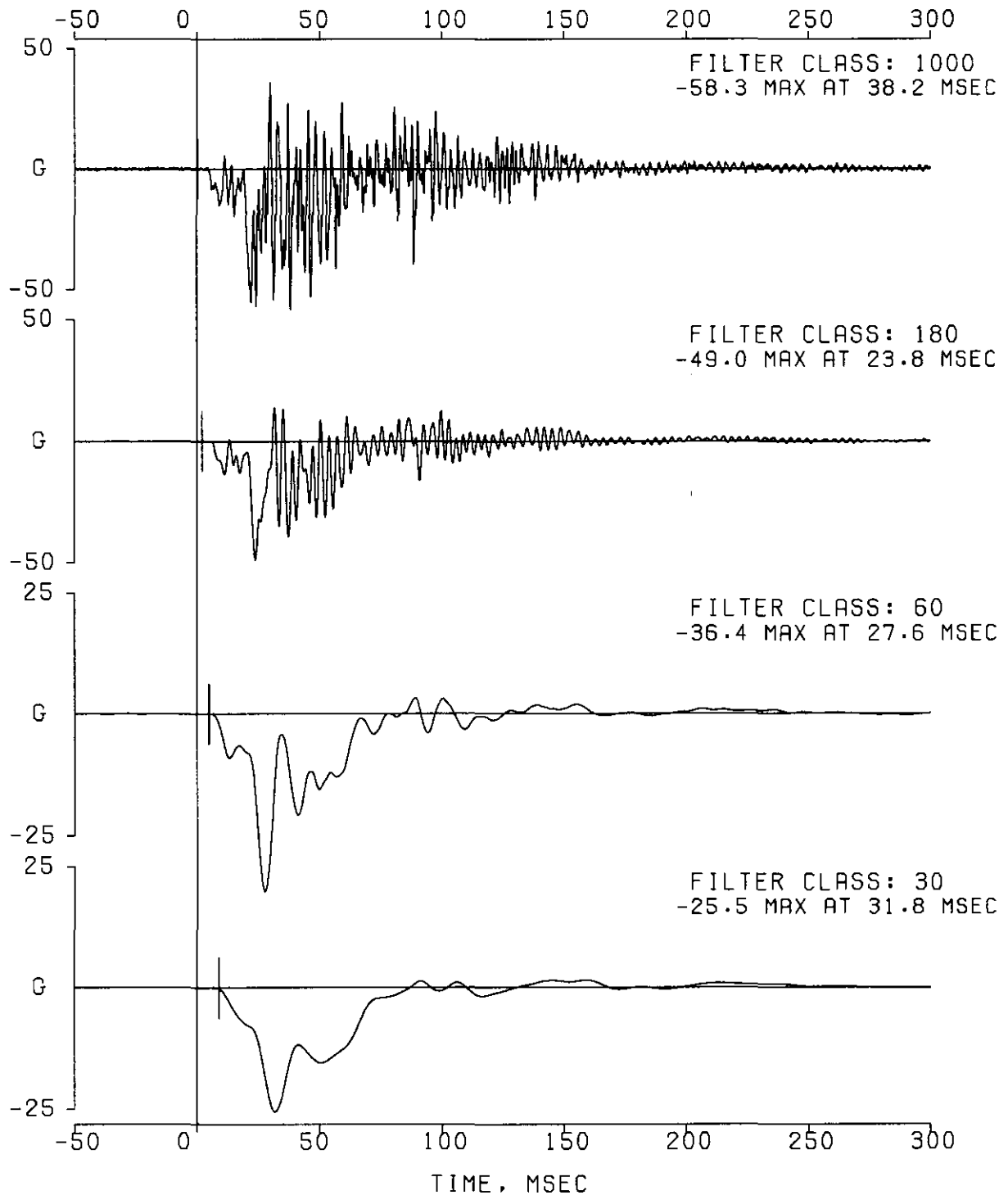
IMPACT ANALYSIS DEPT. 5320

DATA SET 08/03/00BG

AUG 4, 2000

ERRATA 1

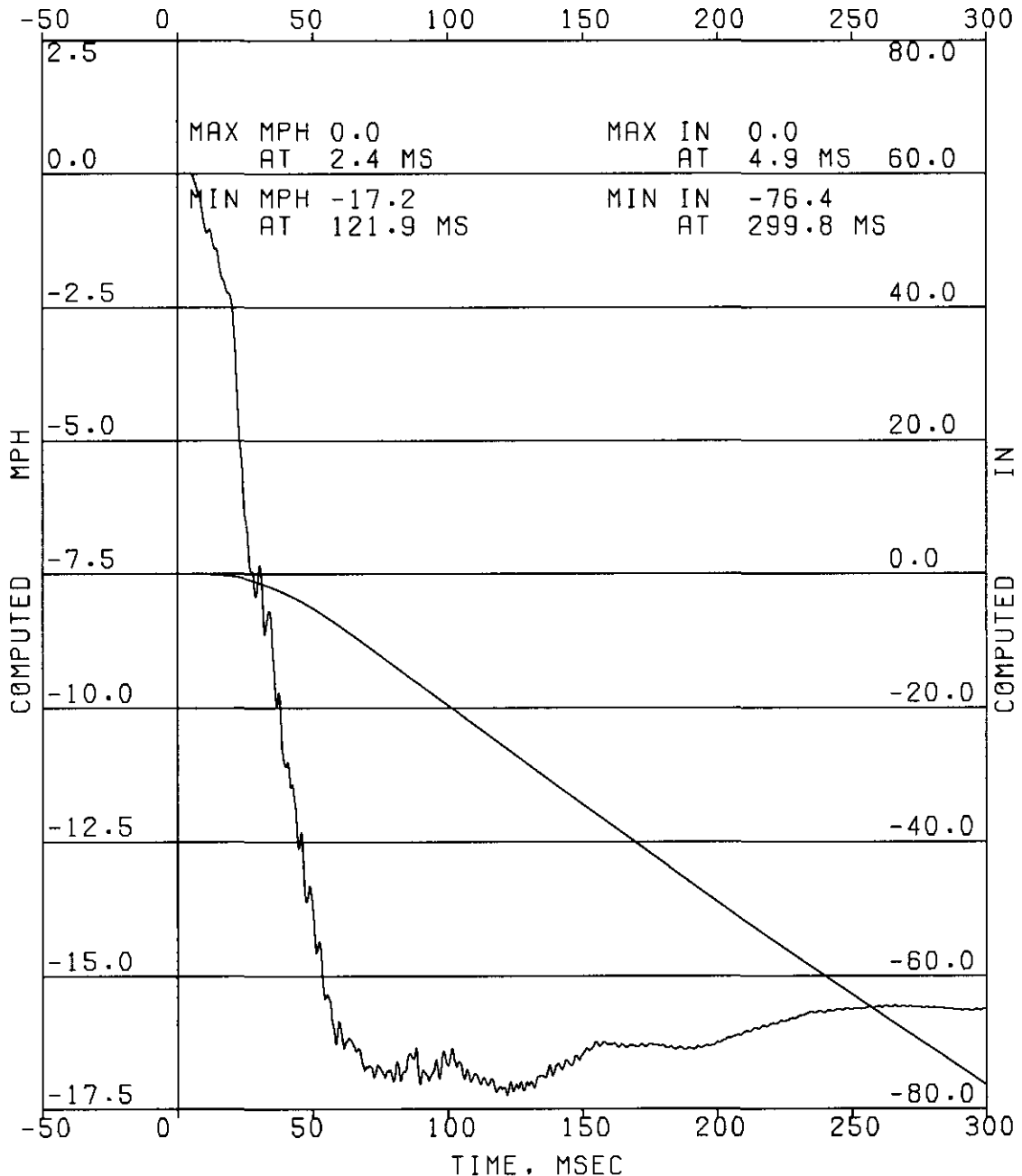




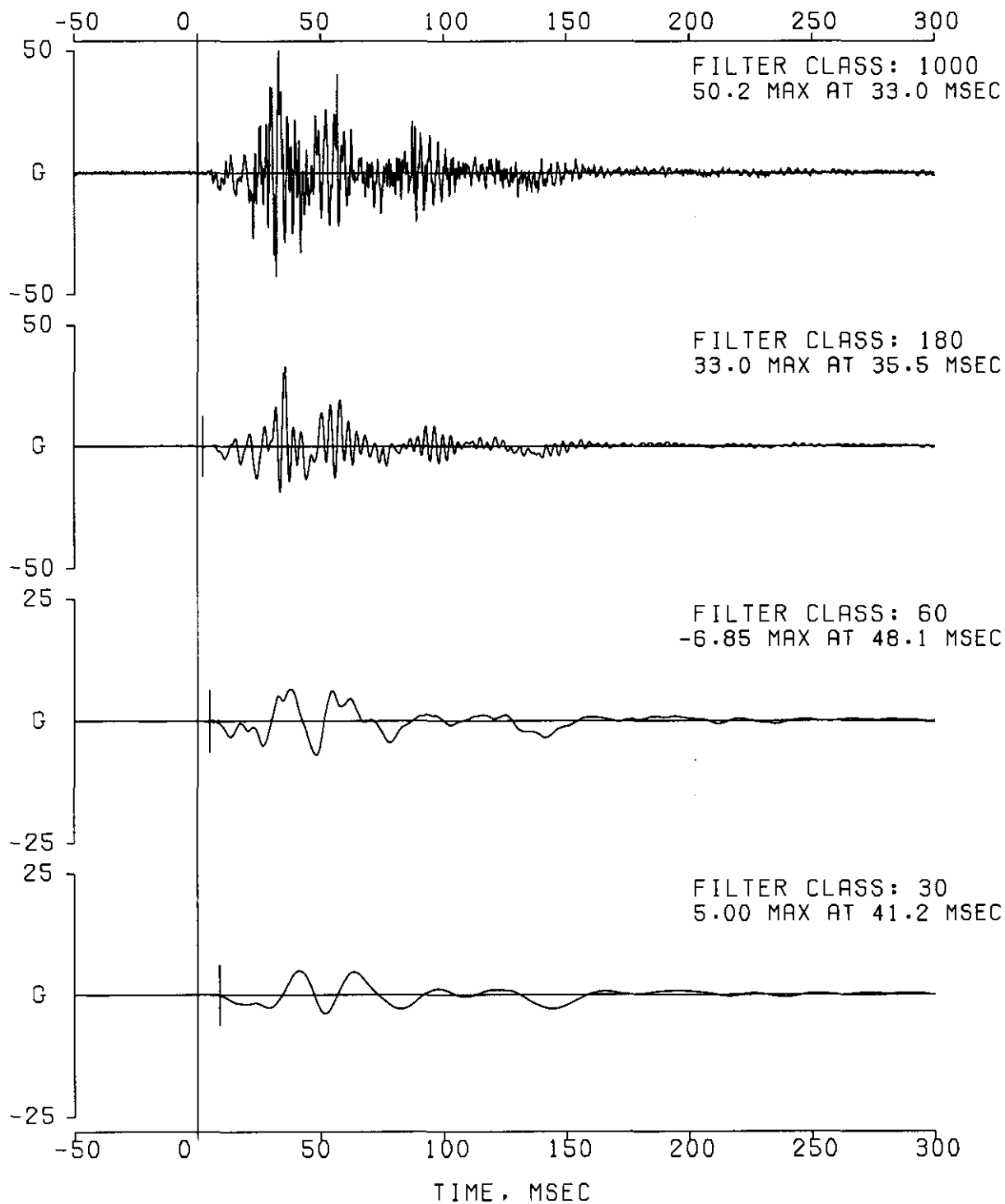
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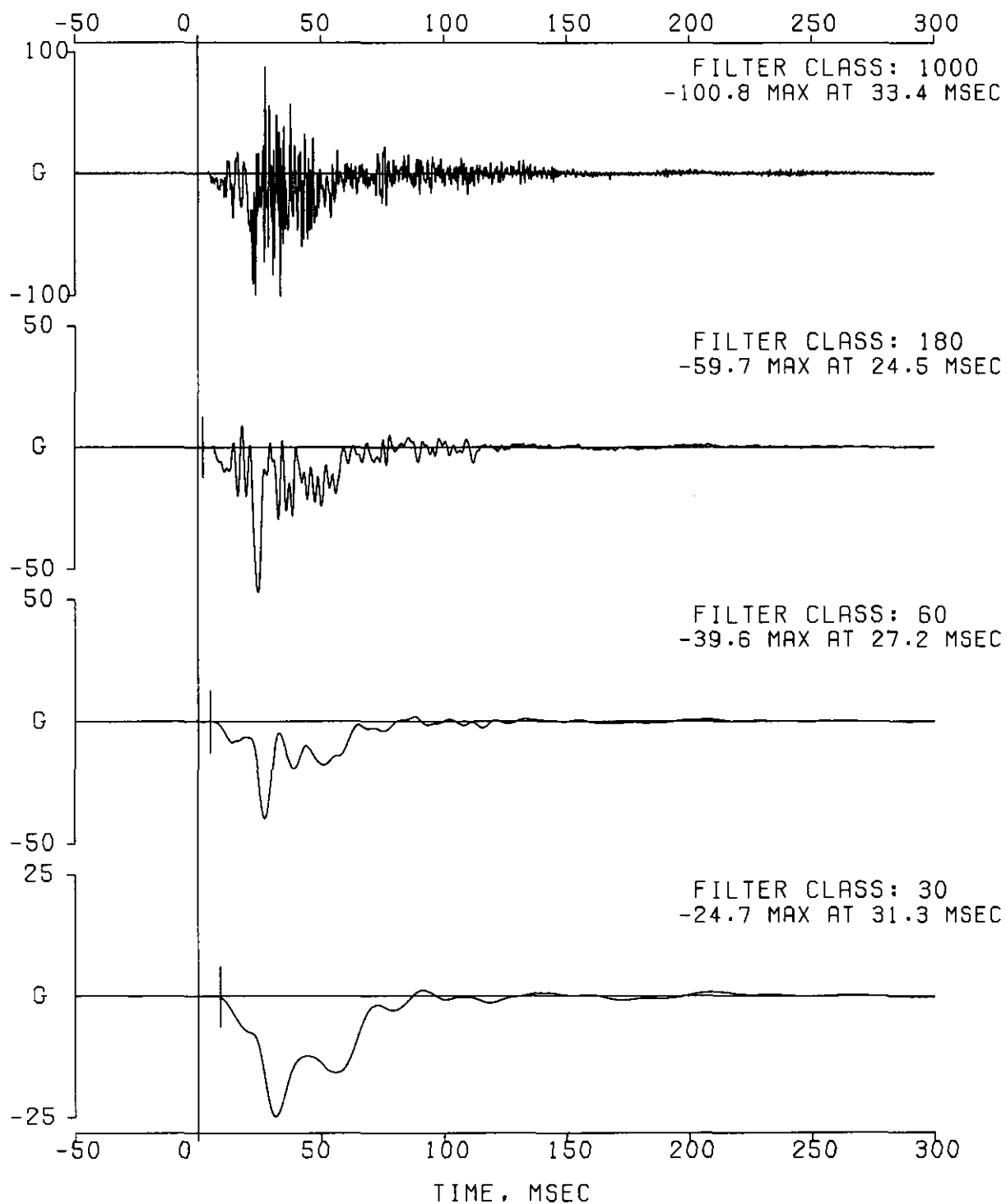
IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BG
ERRATA 1



COMPUTED MPH
COMPUTED IN

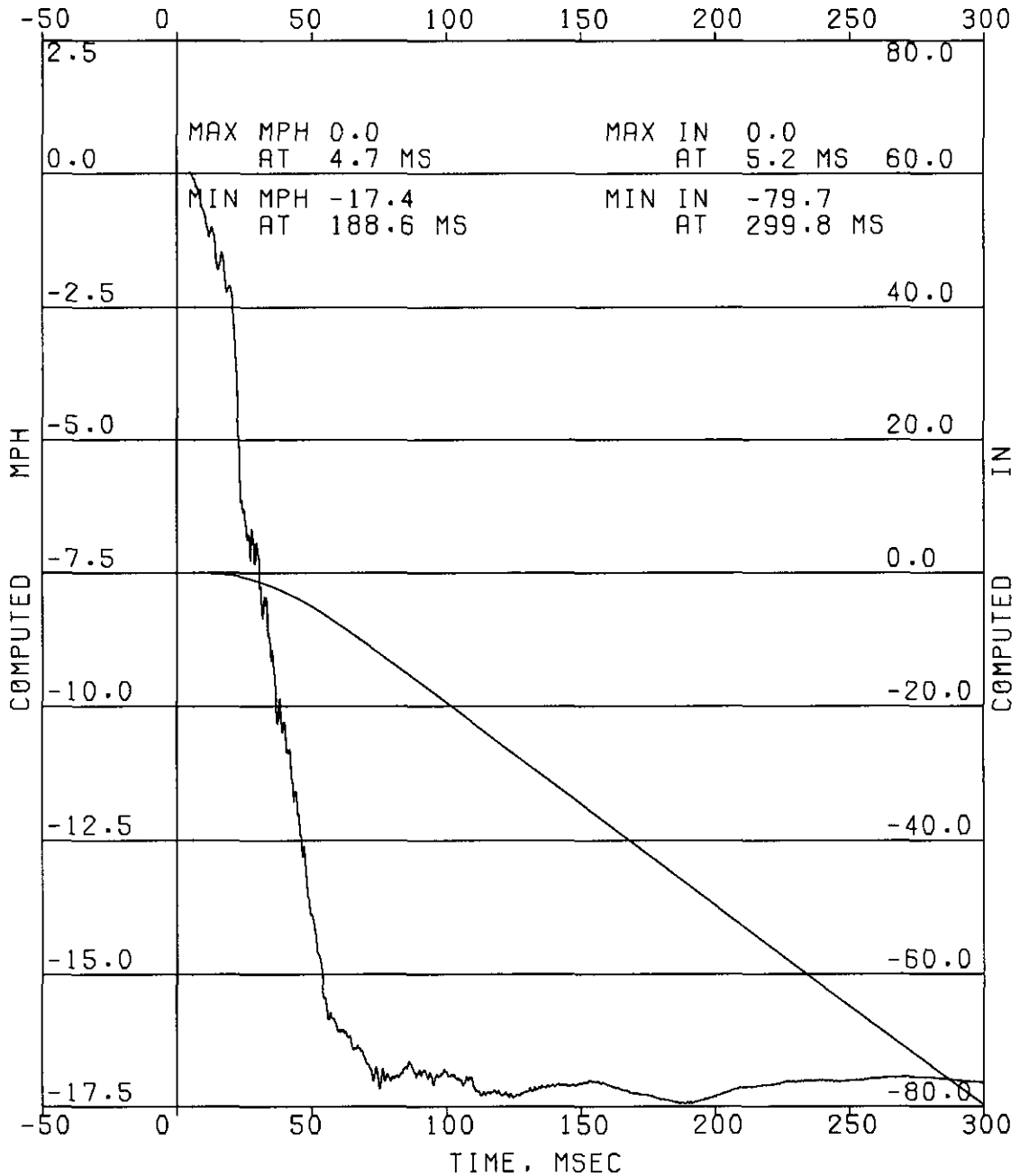




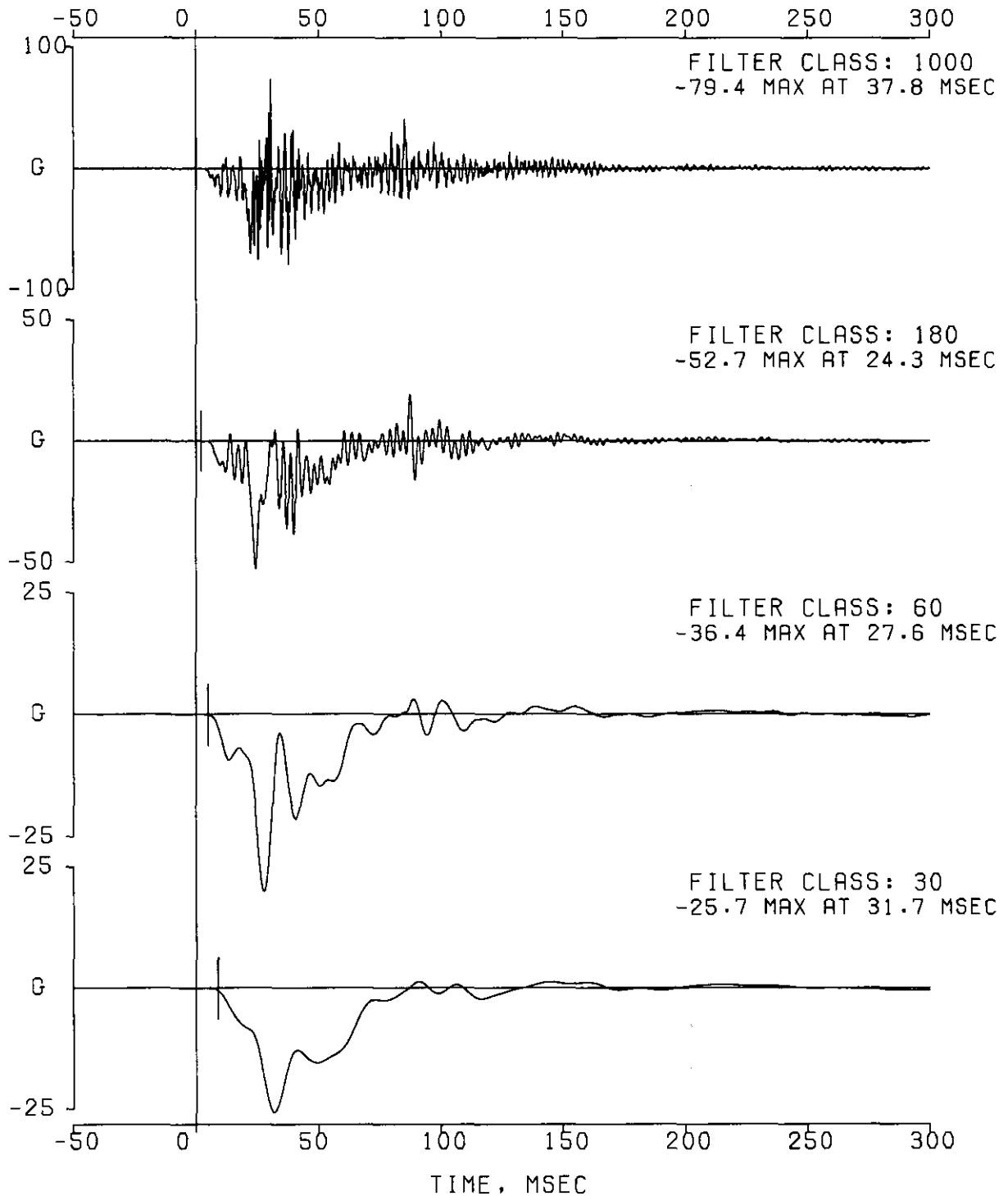
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IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/008G
ERRATA 1



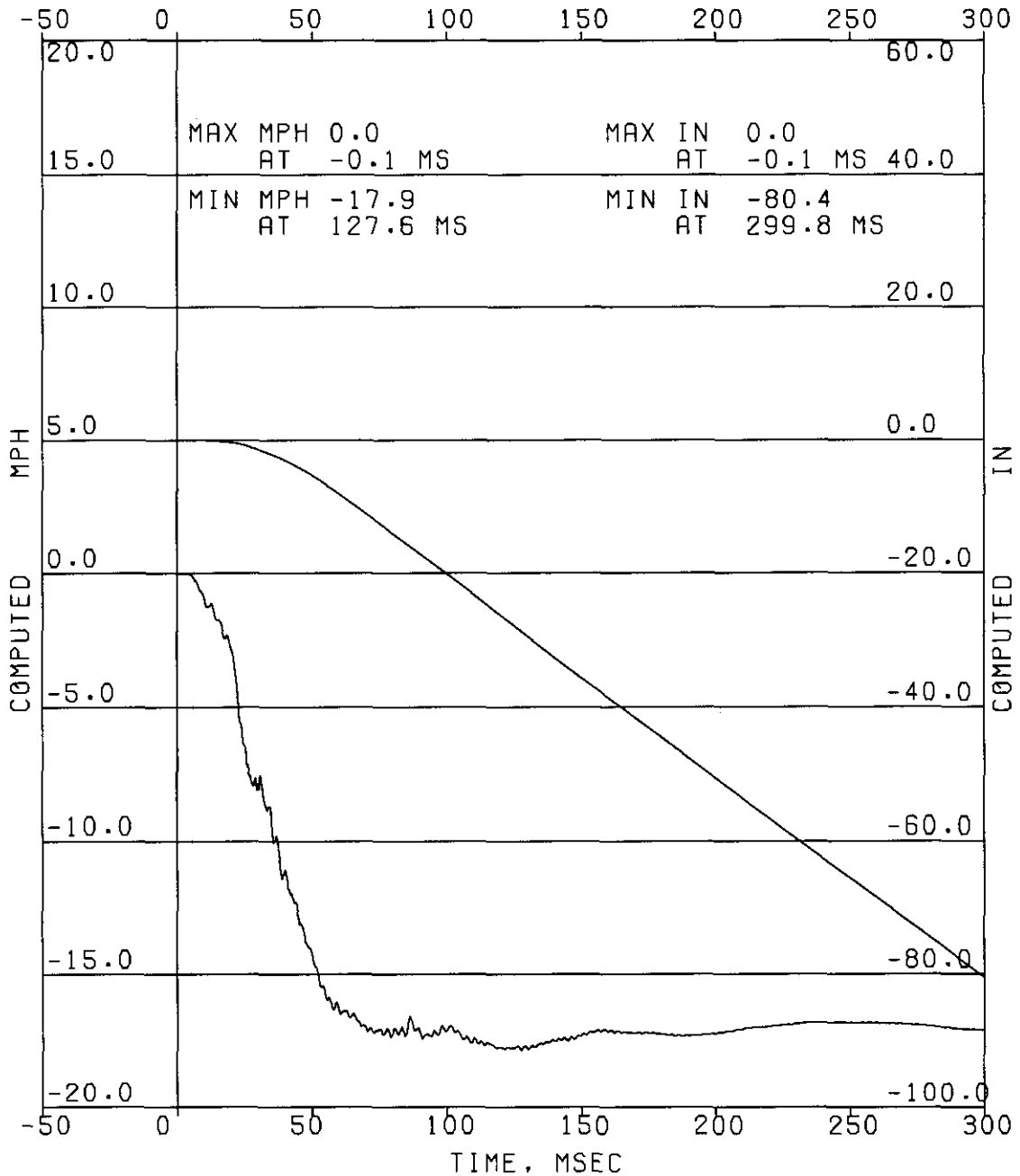
COMPUTED MPH
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FILTER TYPE: 0BDAS-III RESPONSE CORRECTION, CLASS 1000 FILTER(1650)
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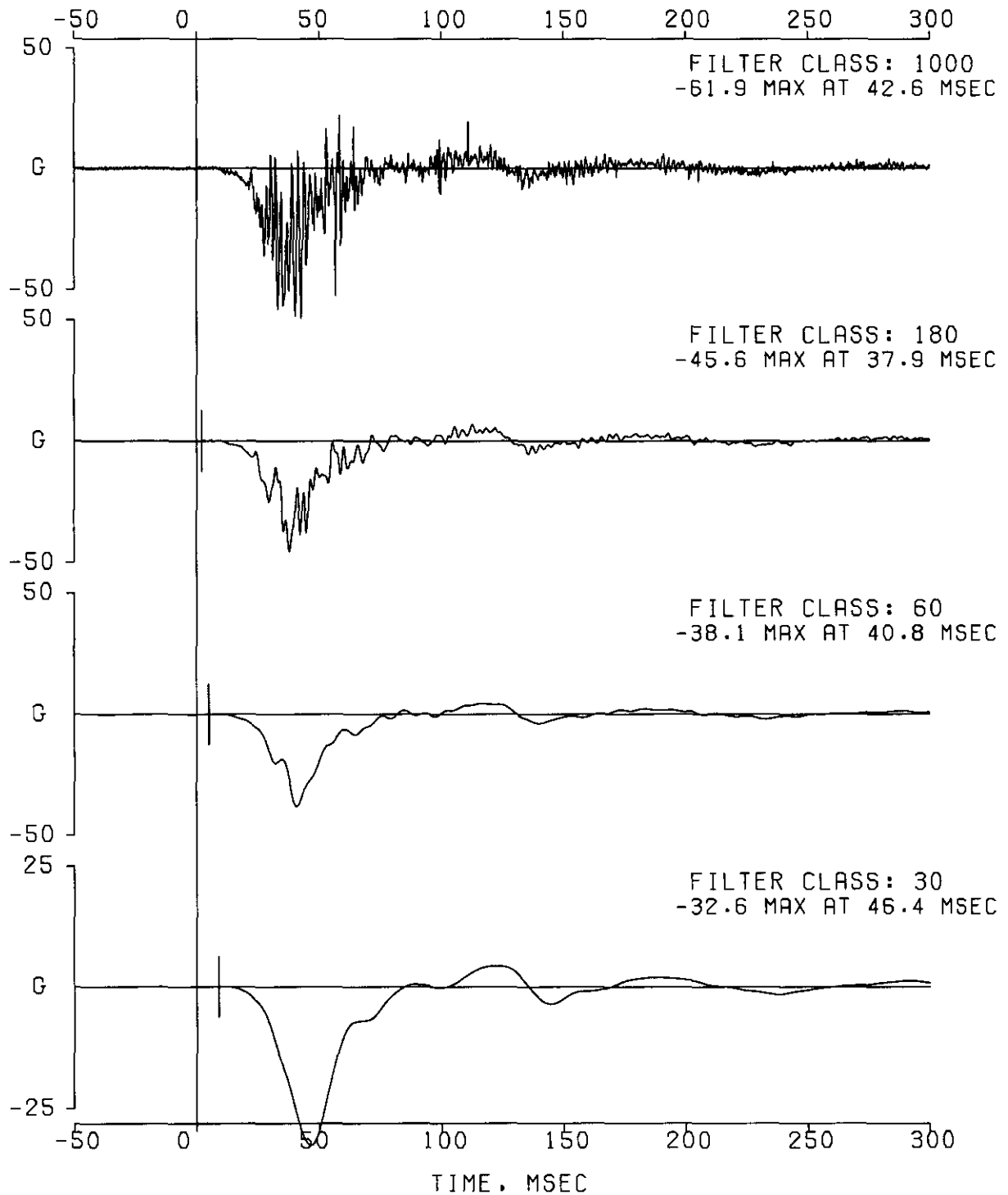
IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BG
ERRATA 1



COMPUTED MPH
COMPUTED IN

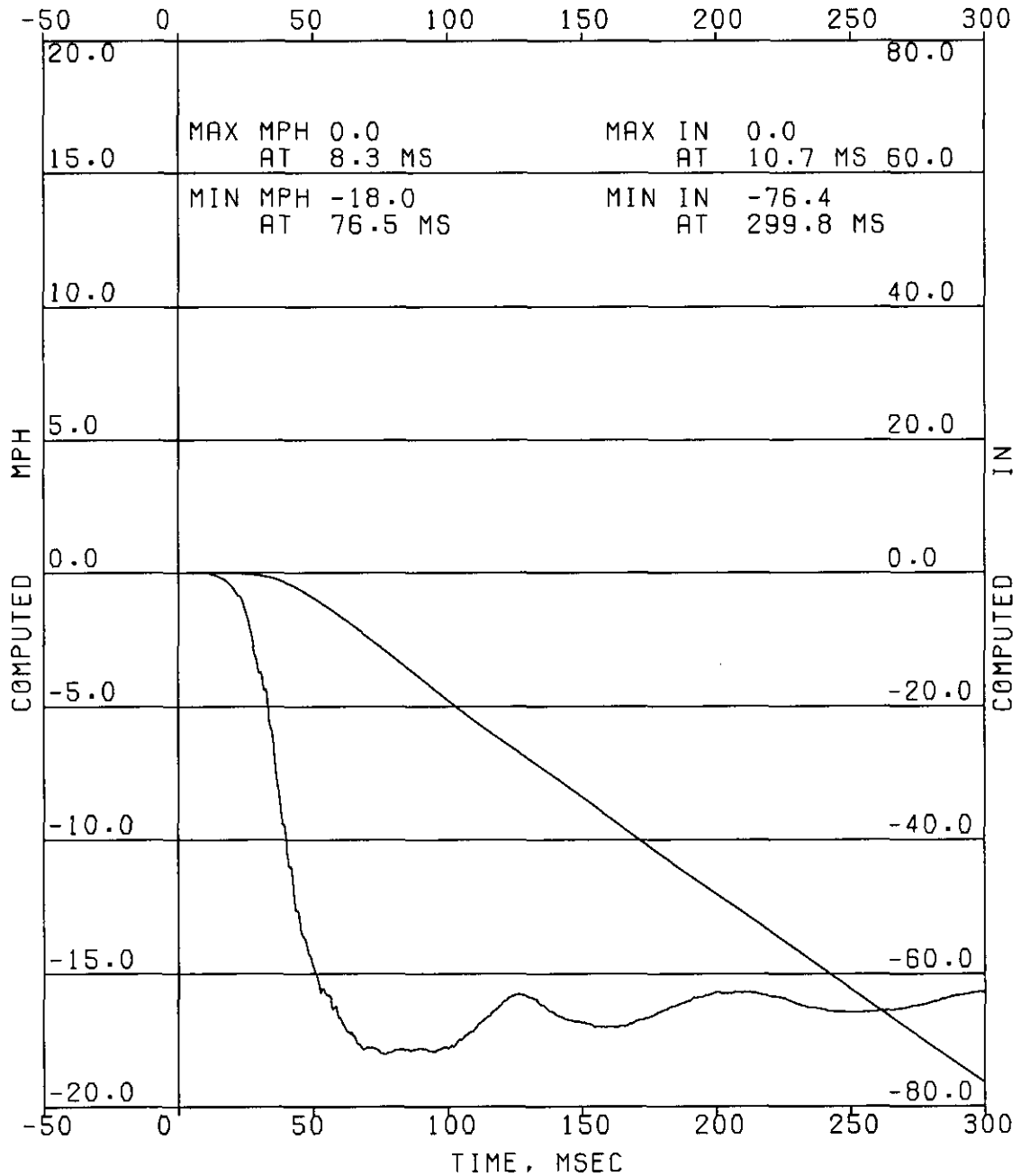
EA12-005- Chrysler -002650



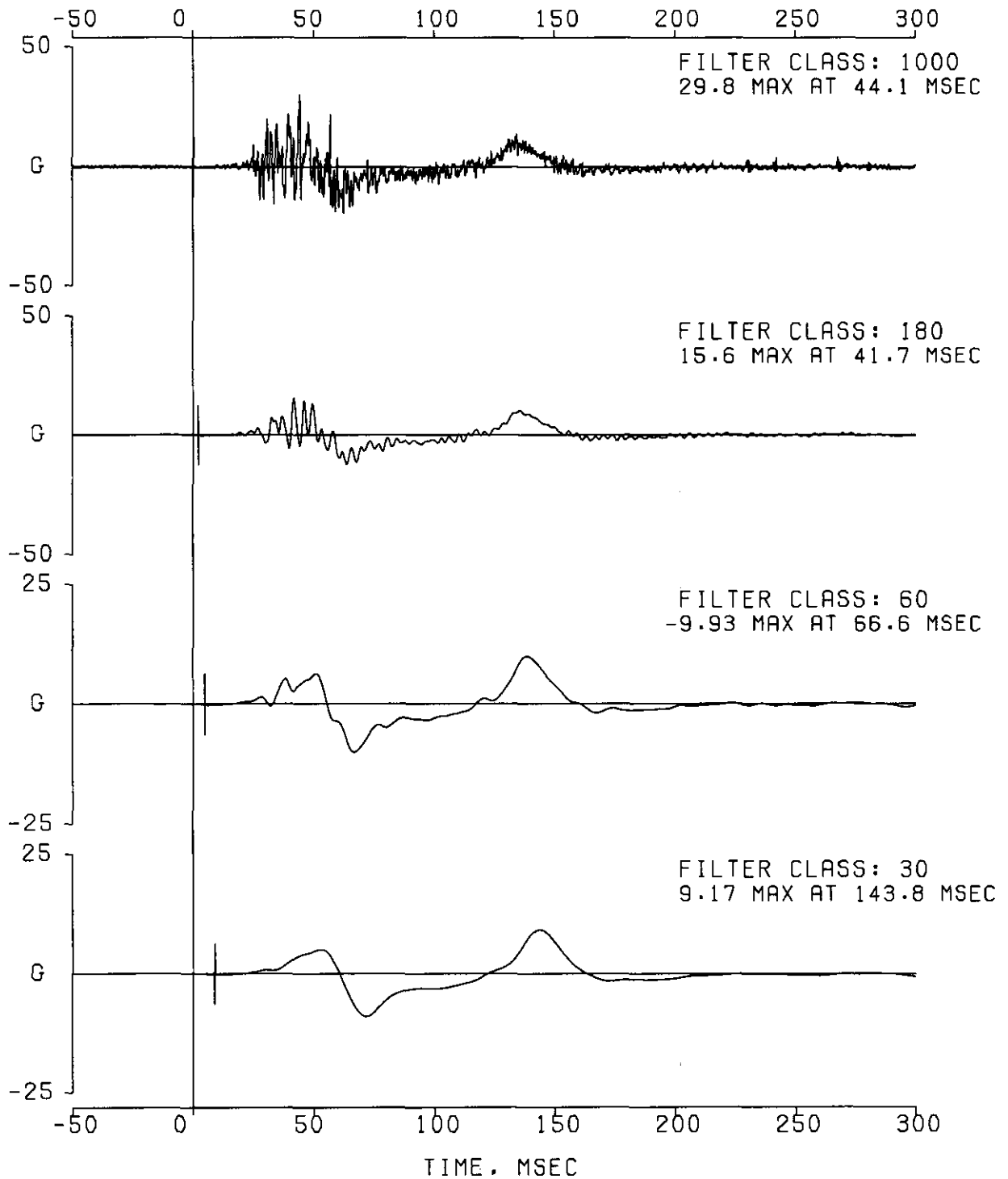
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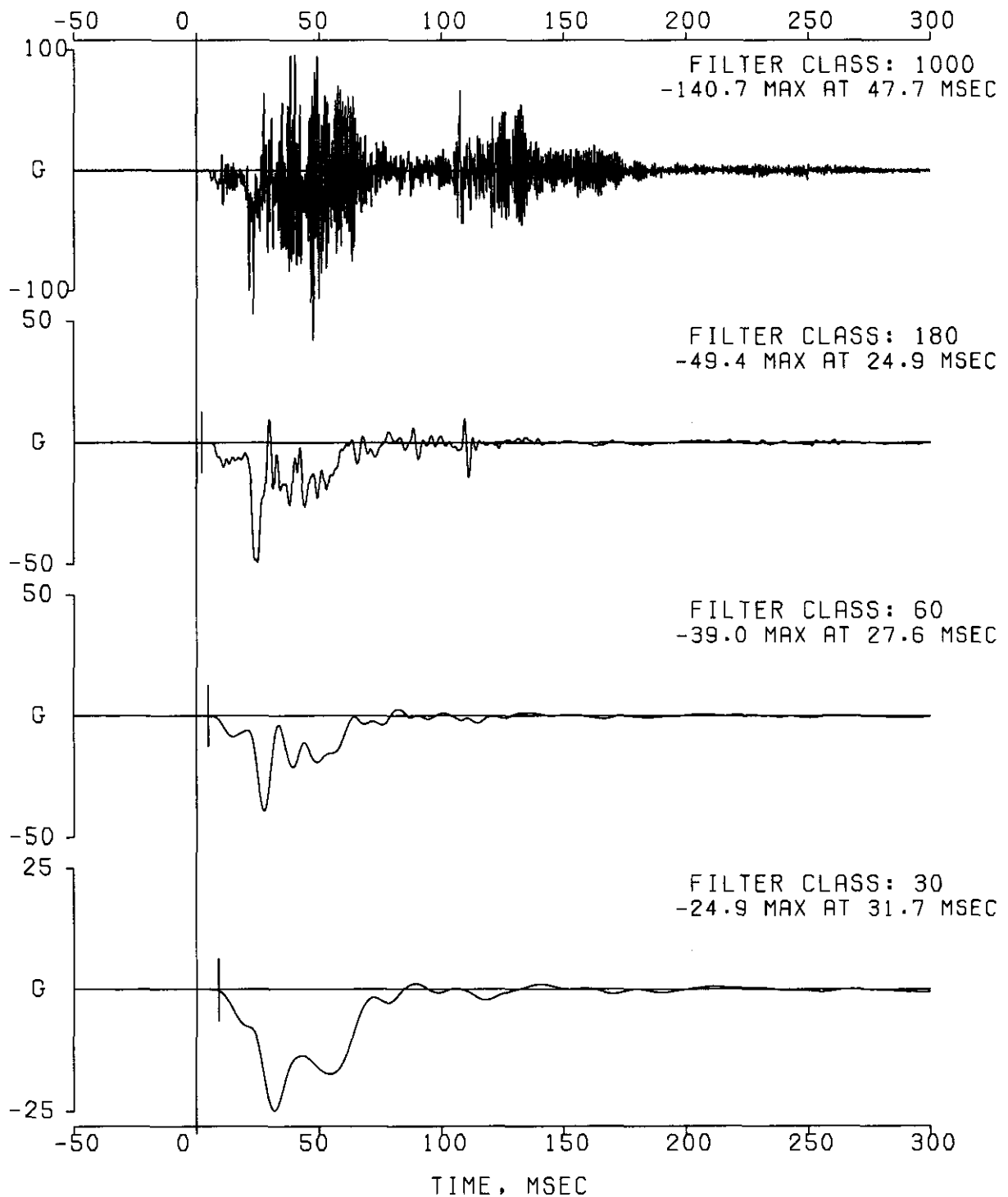
IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BG
ERRATA 1



COMPUTED MPH
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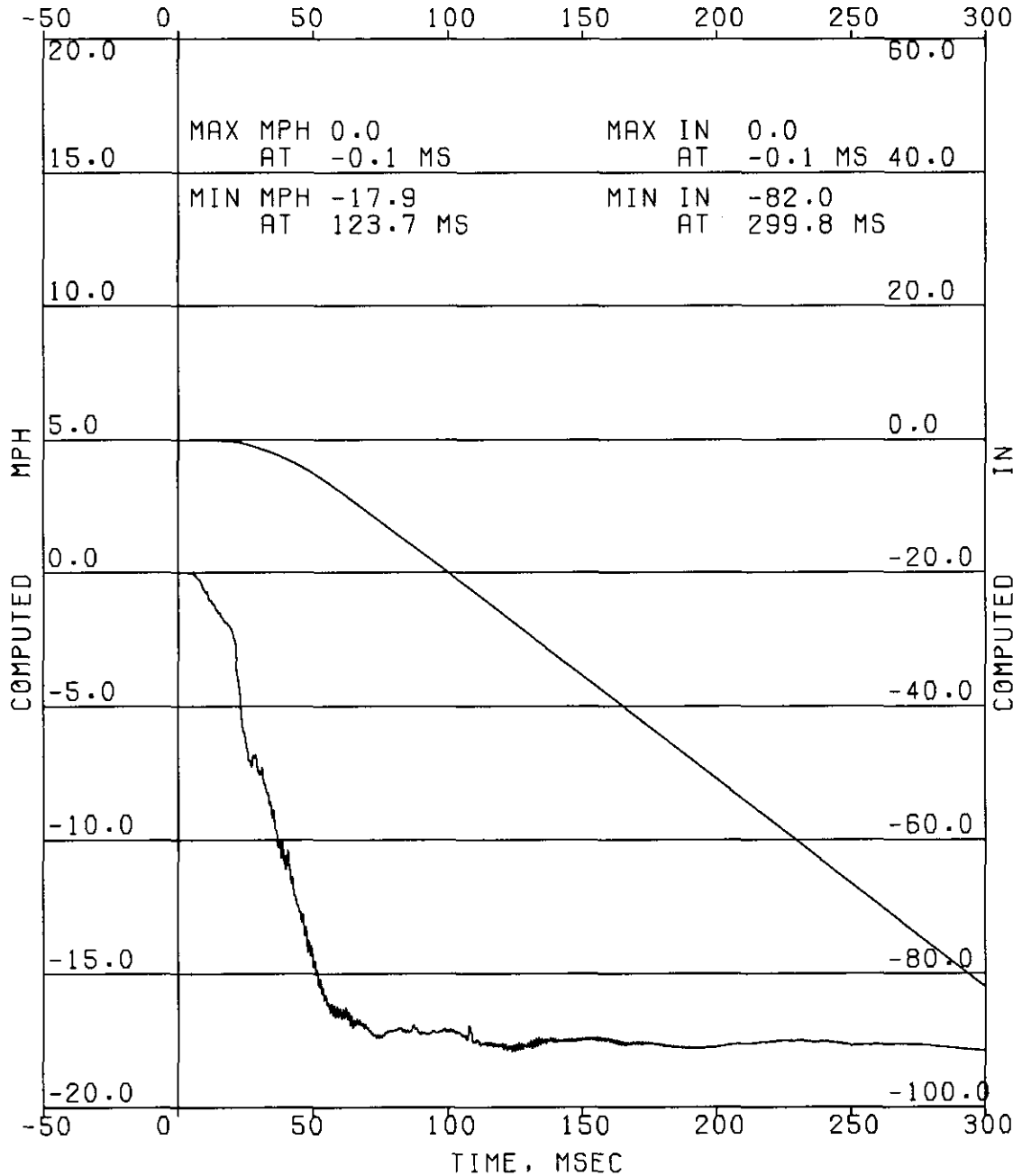




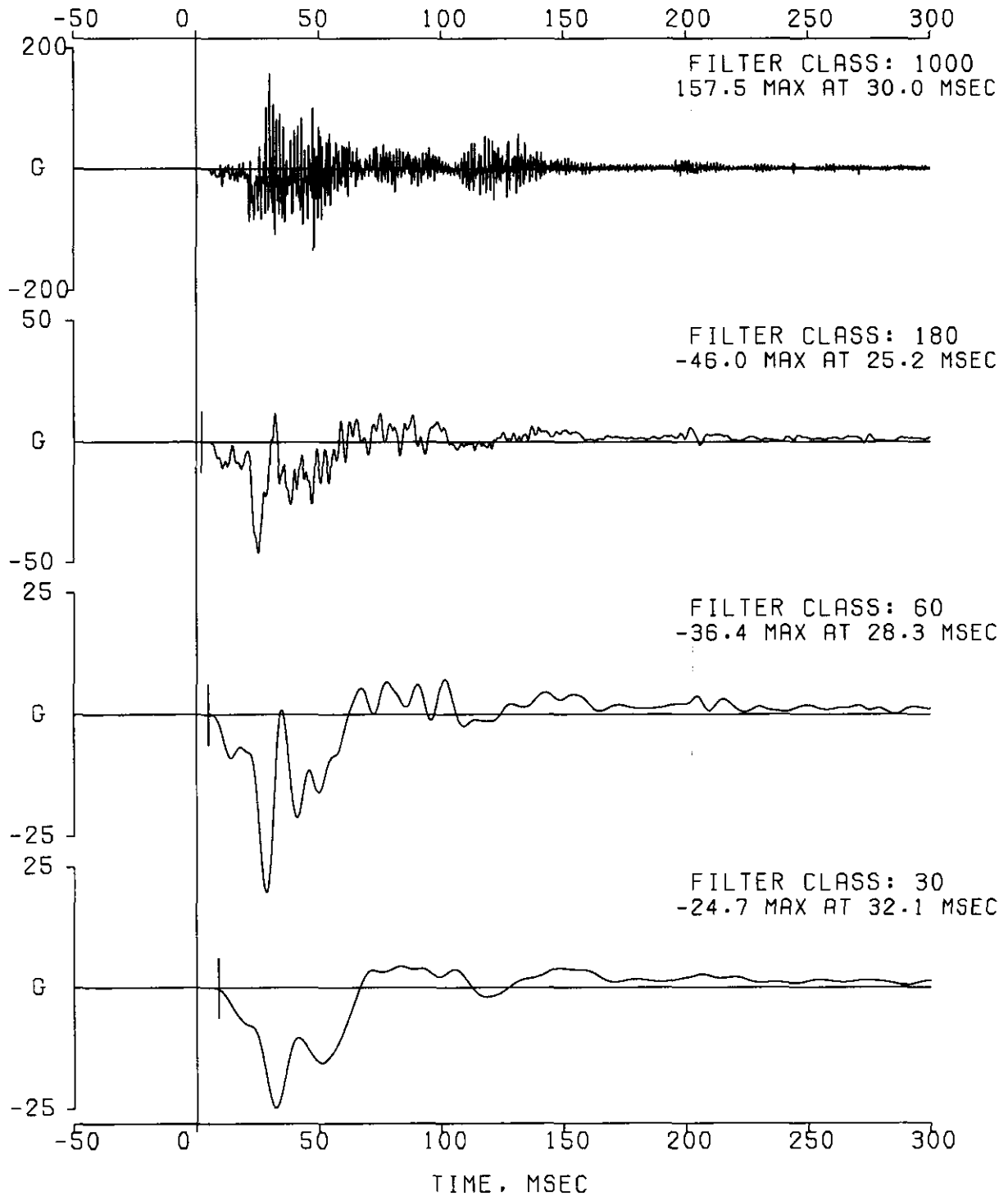
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IMPACT ANALYSIS DEPT. 5320
AUG 4, 2000

DATA SET 08/03/00BG
ERRATA 1



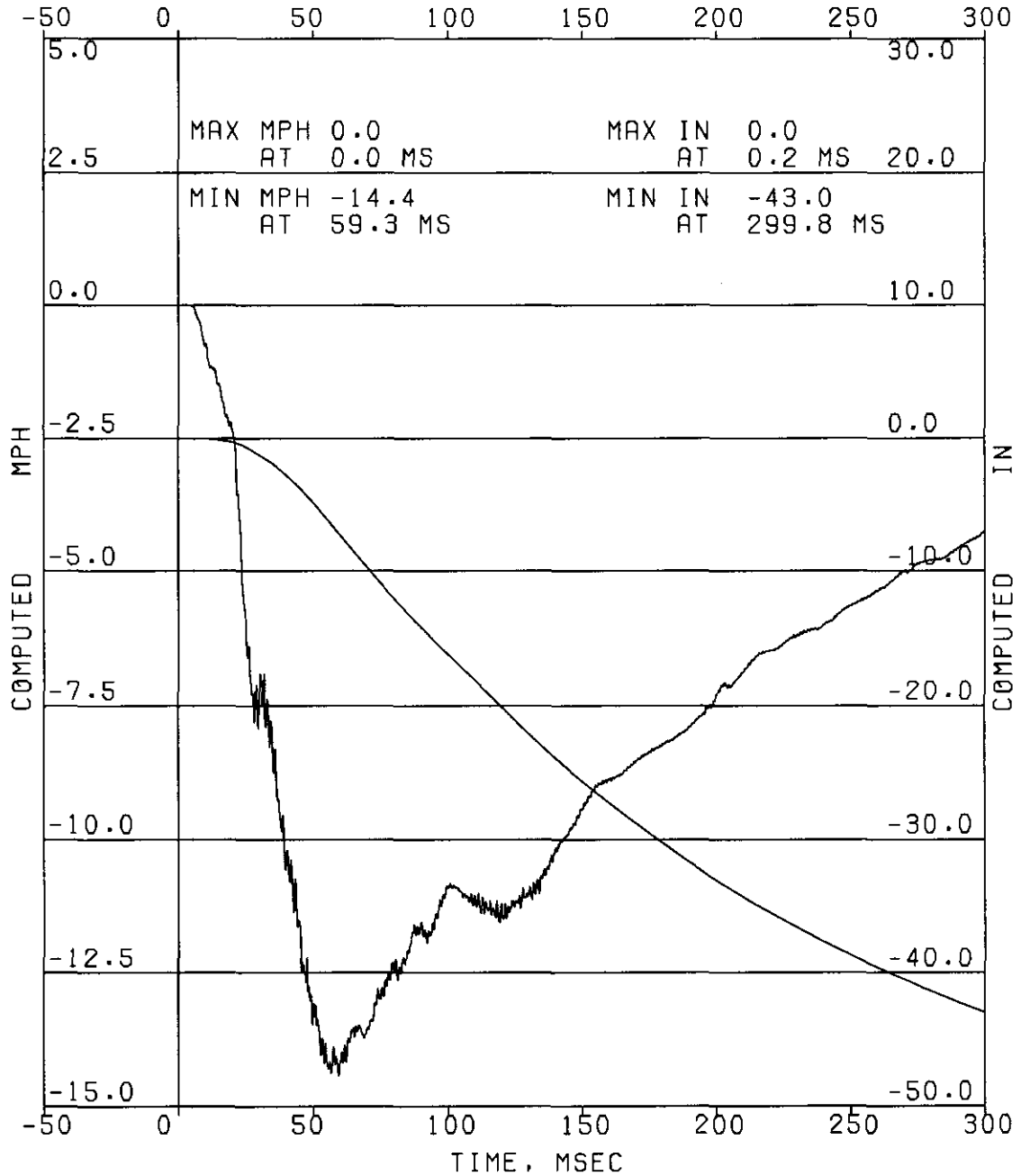
COMPUTED MPH
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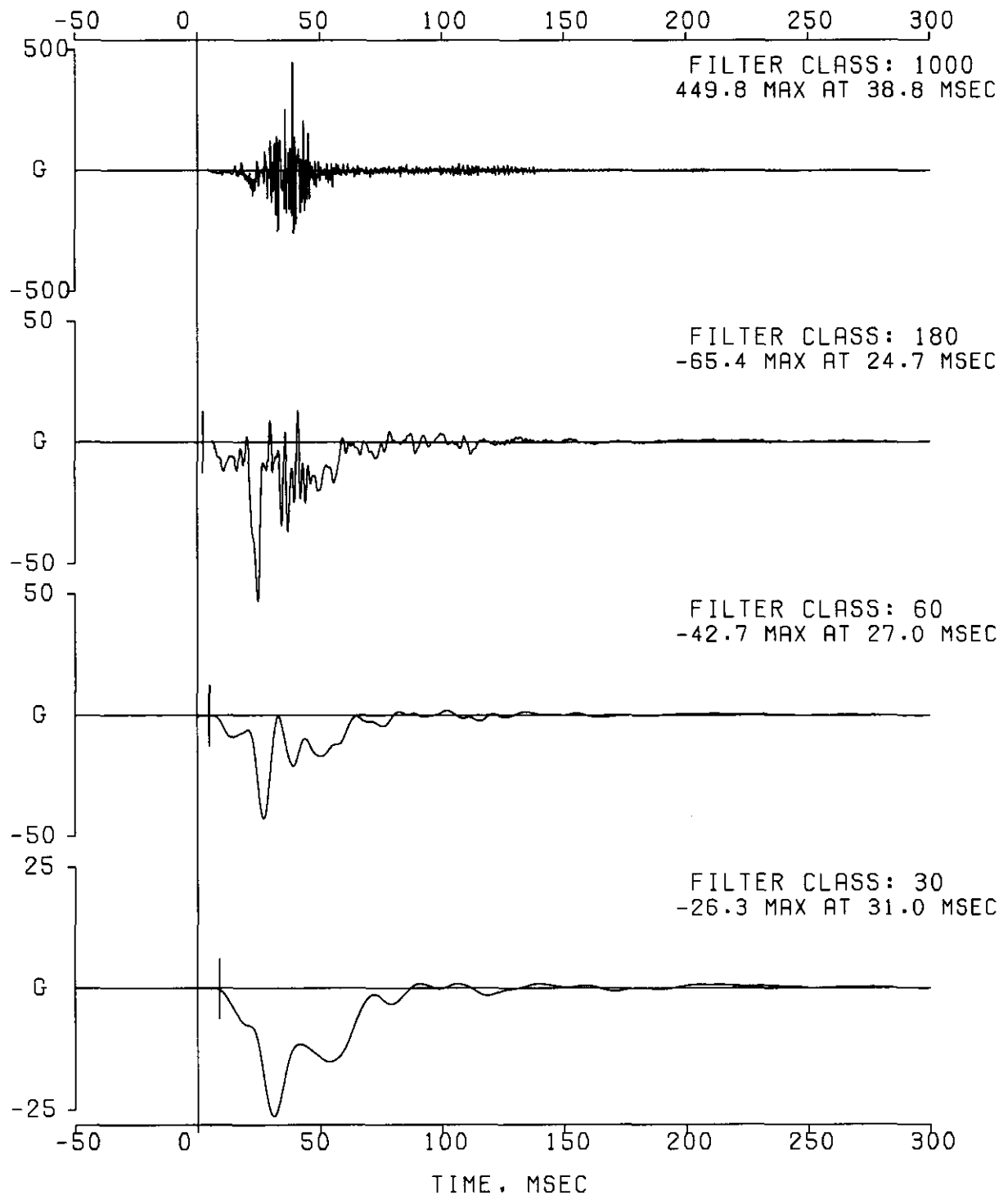
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IMPACT ANALYSIS DEPT. 5320
AUG 4, 2000

DATA SET 08/03/00BG
ERRATA 1



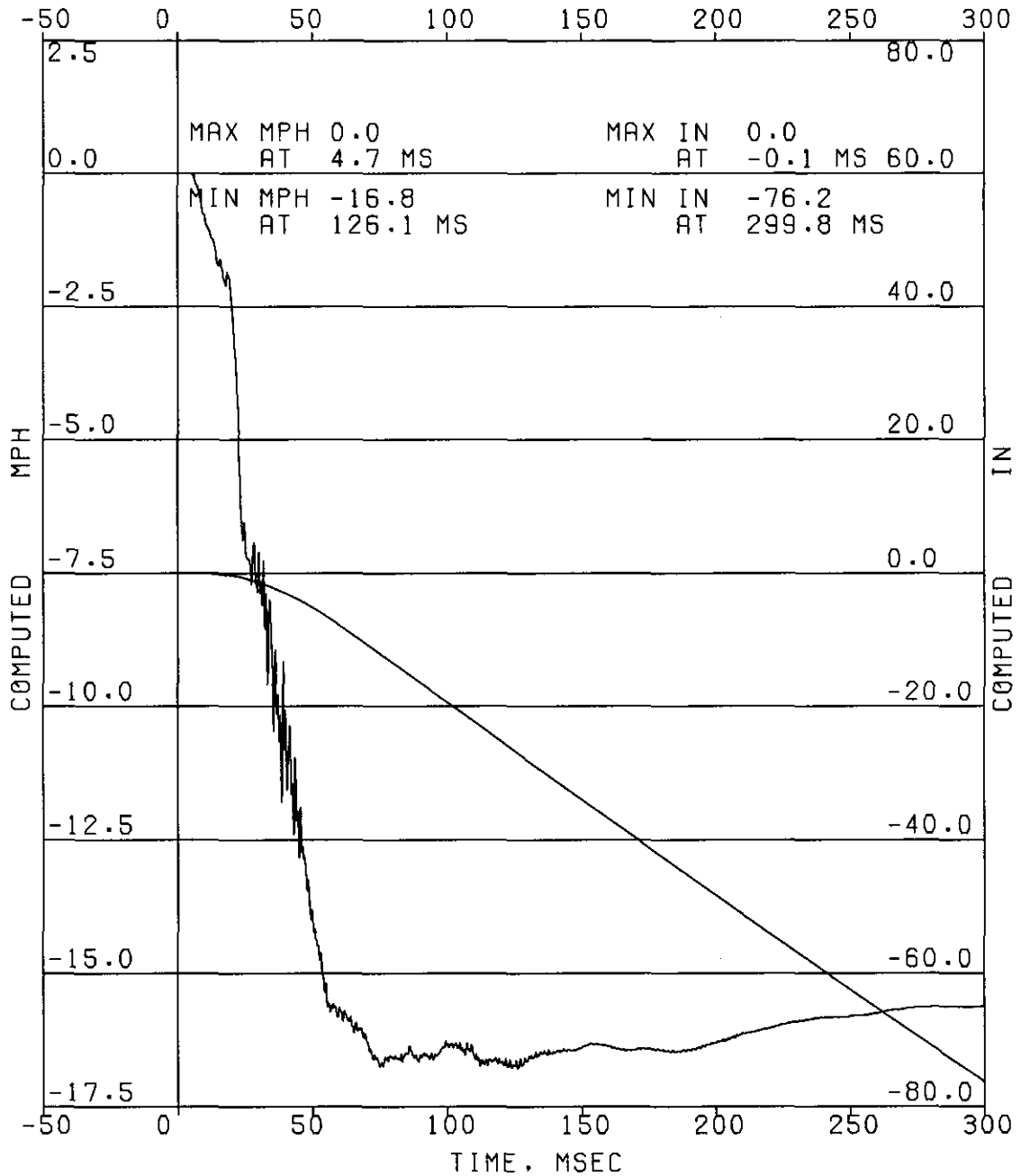
COMPUTED MPH
COMPUTED IN



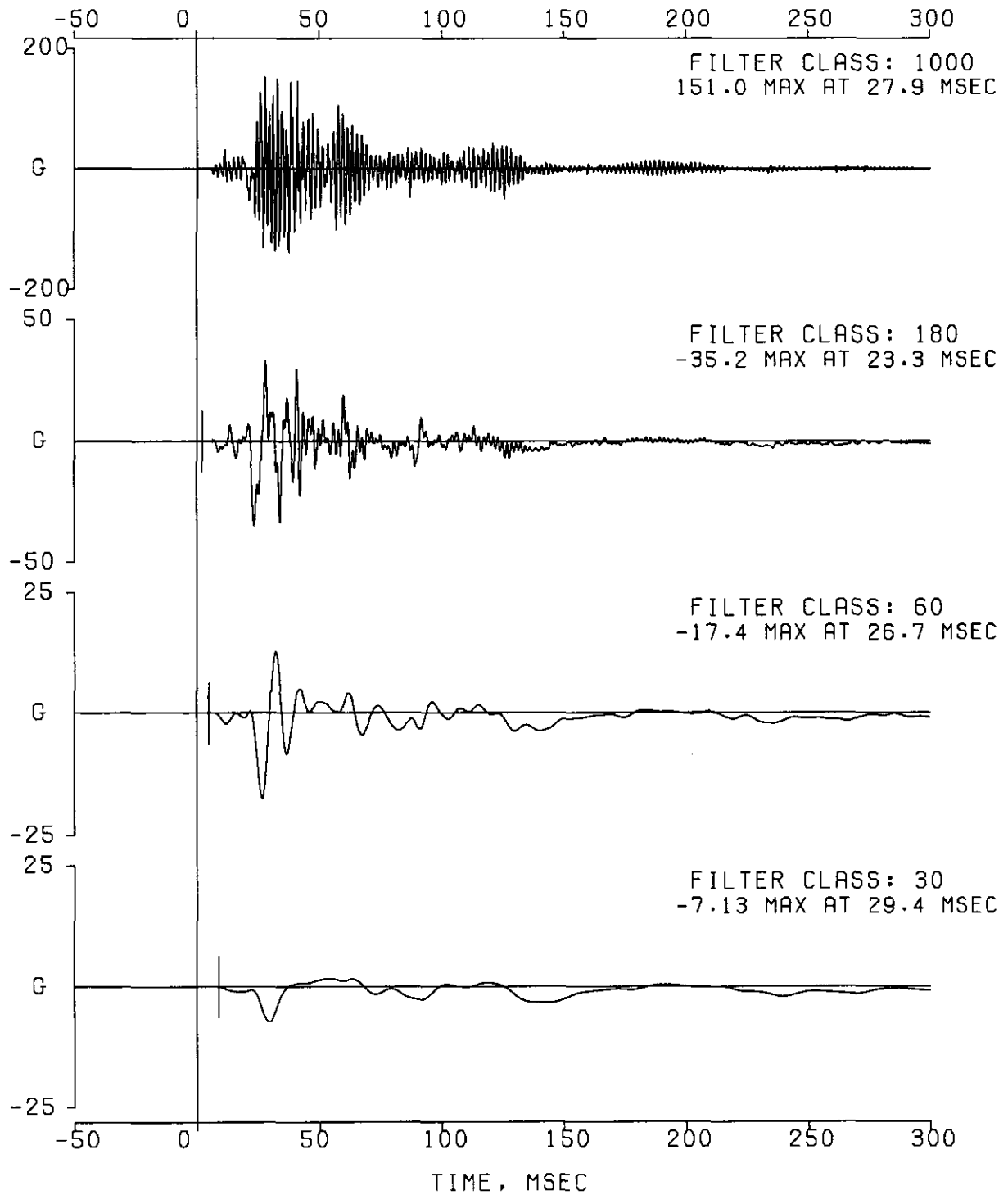
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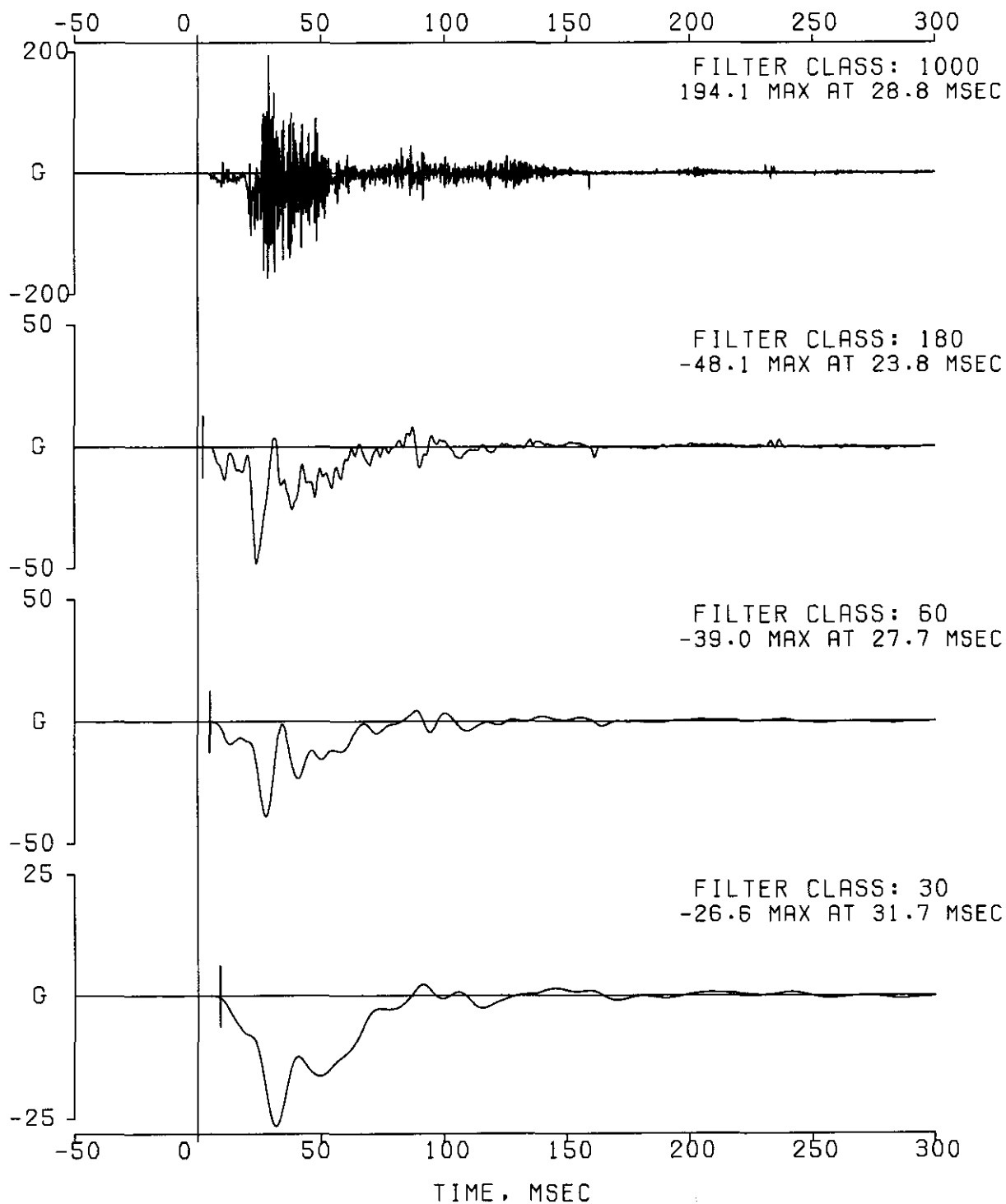
IMPACT ANALYSIS DEPT. 5320
AUG 4.2000

DATA SET 08/03/00BG
ERRATA 1



COMPUTED MPH
COMPUTED IN

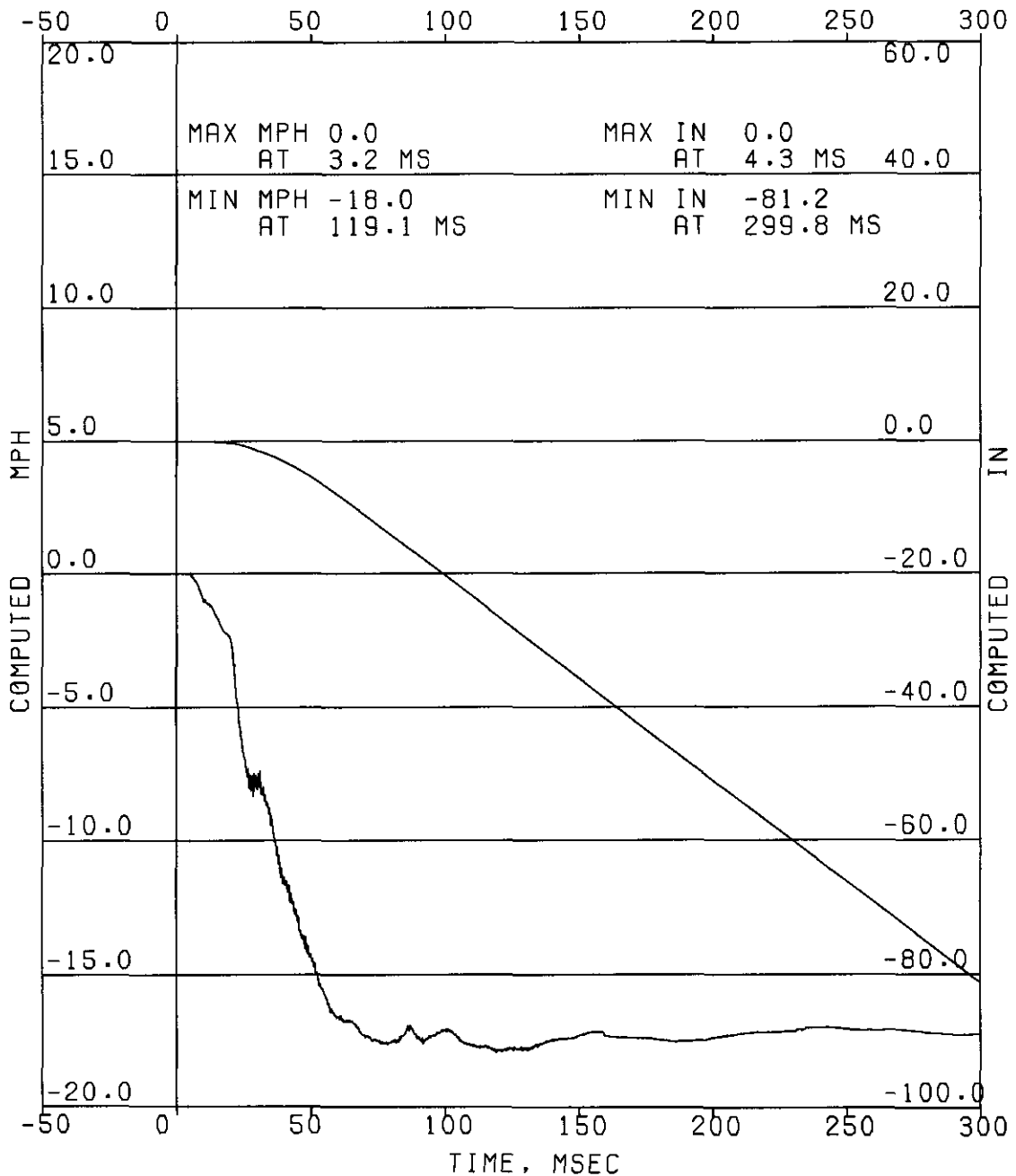




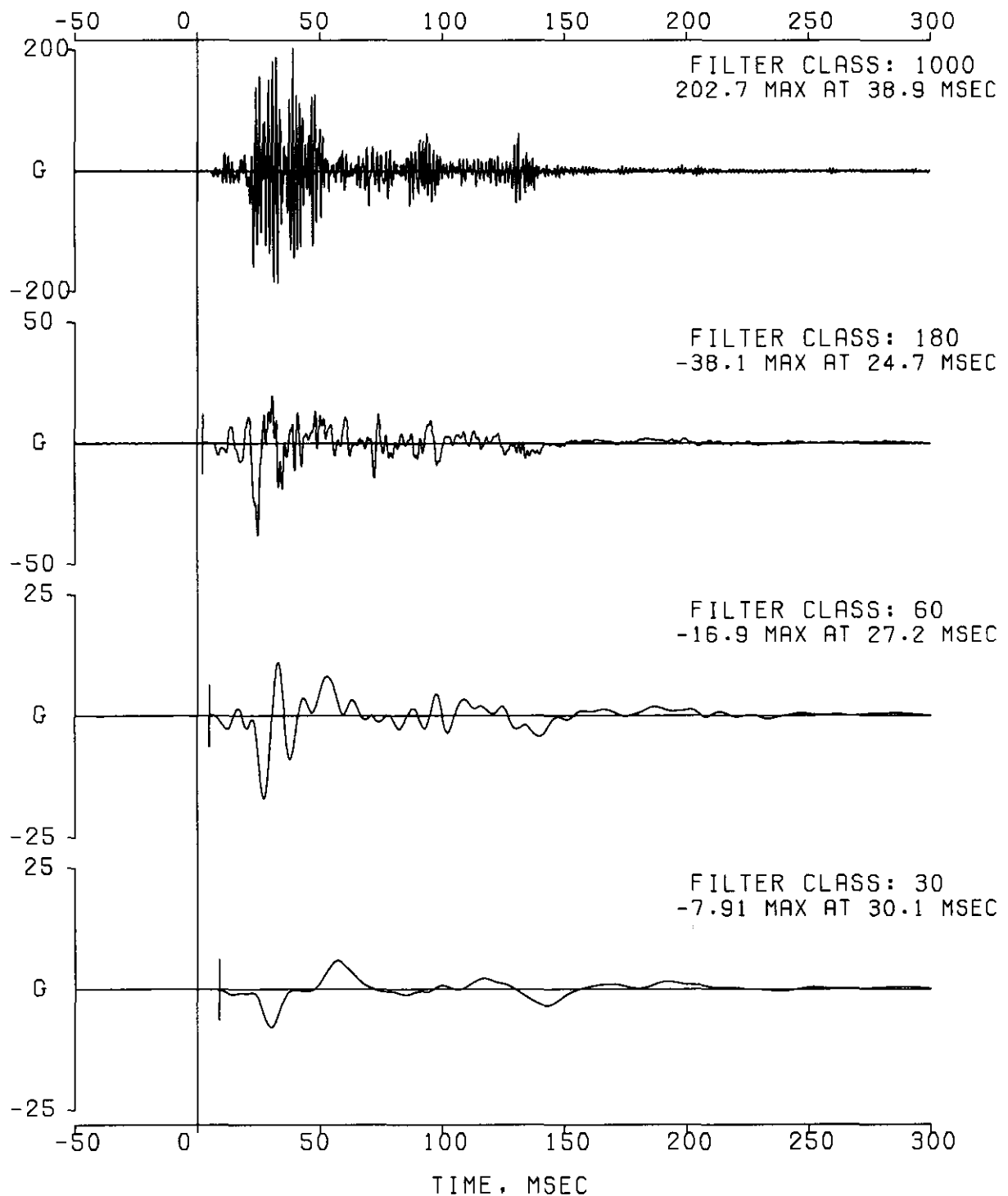
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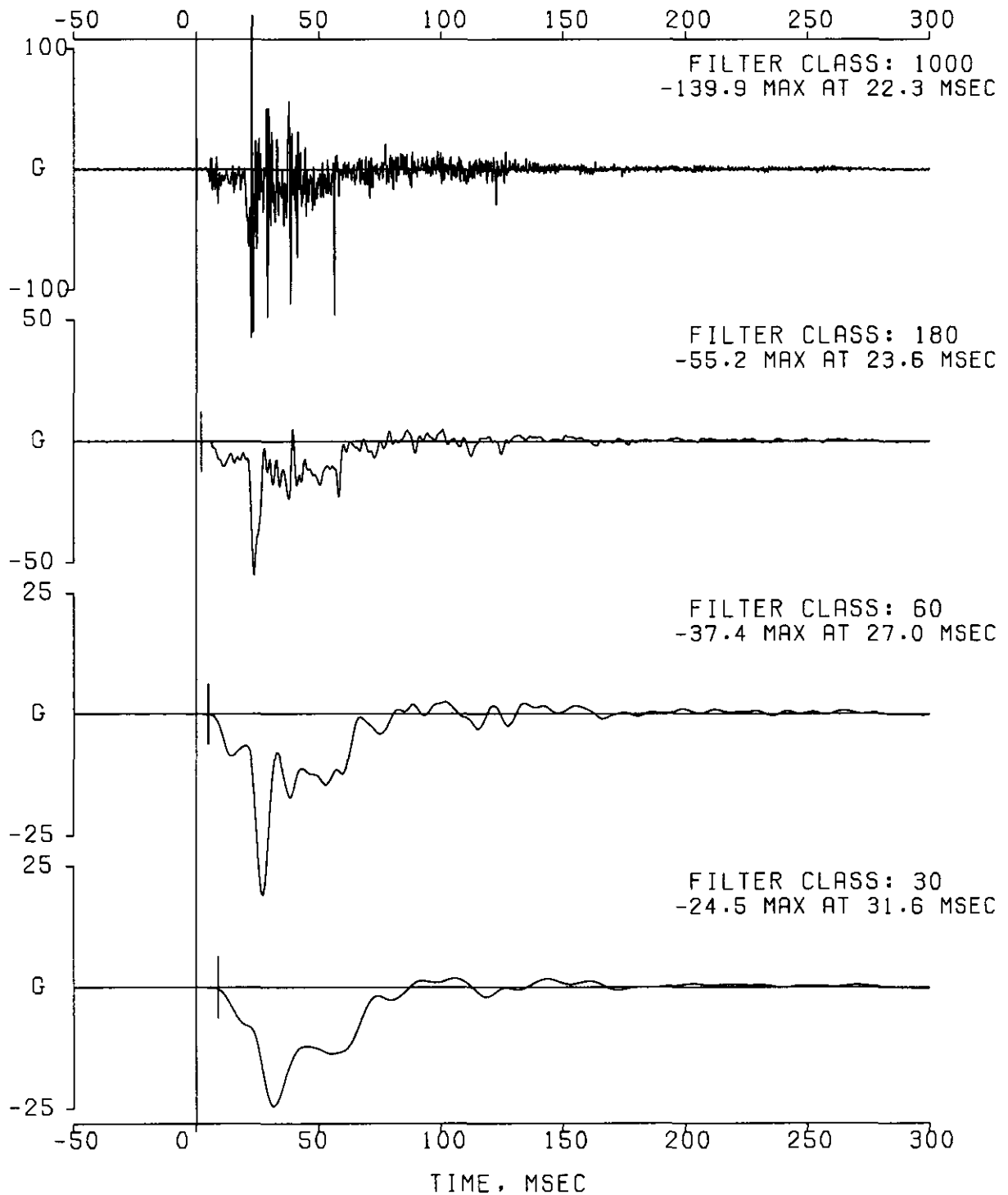
IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BH
ERRATA 1



COMPUTED MPH
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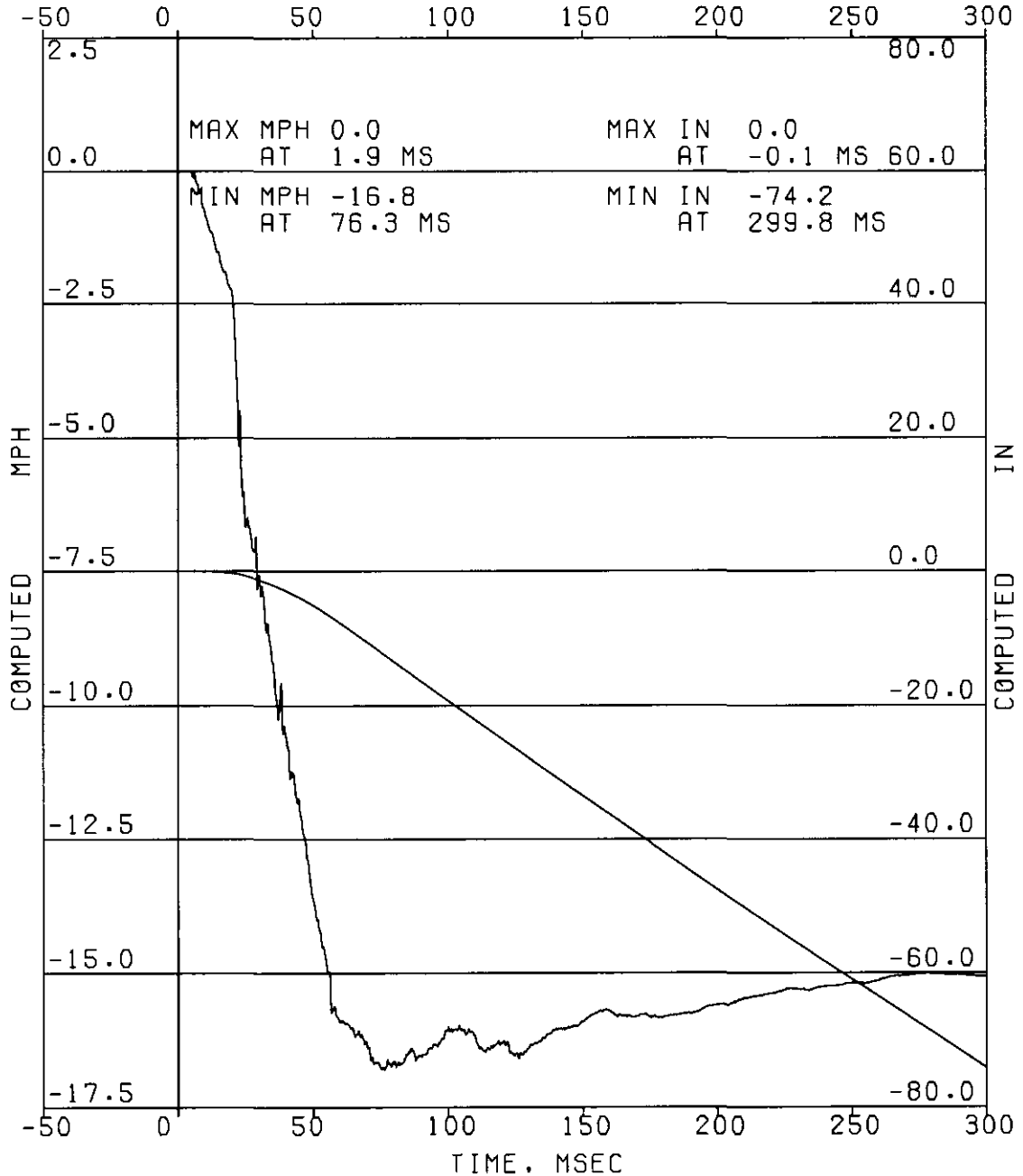




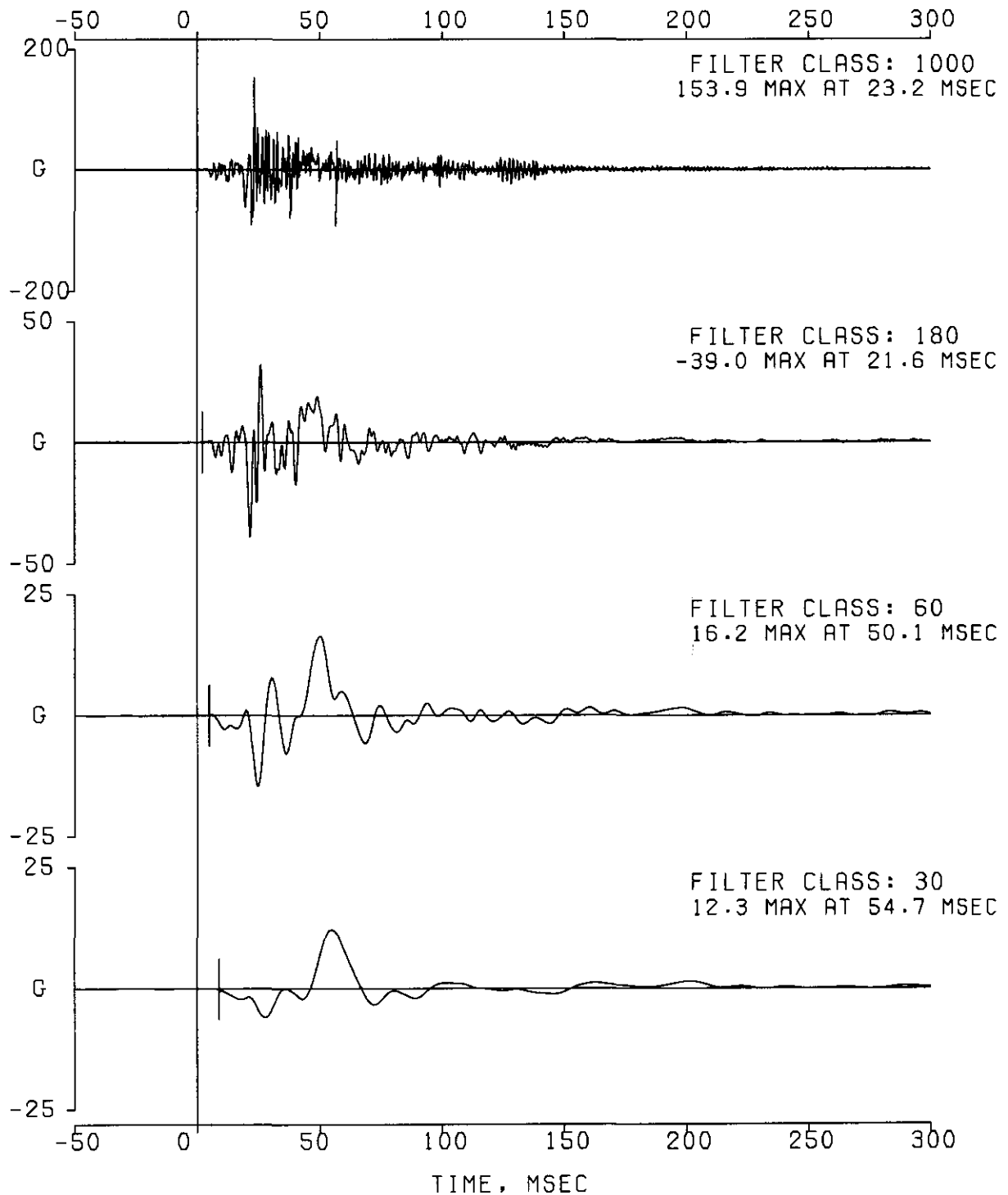
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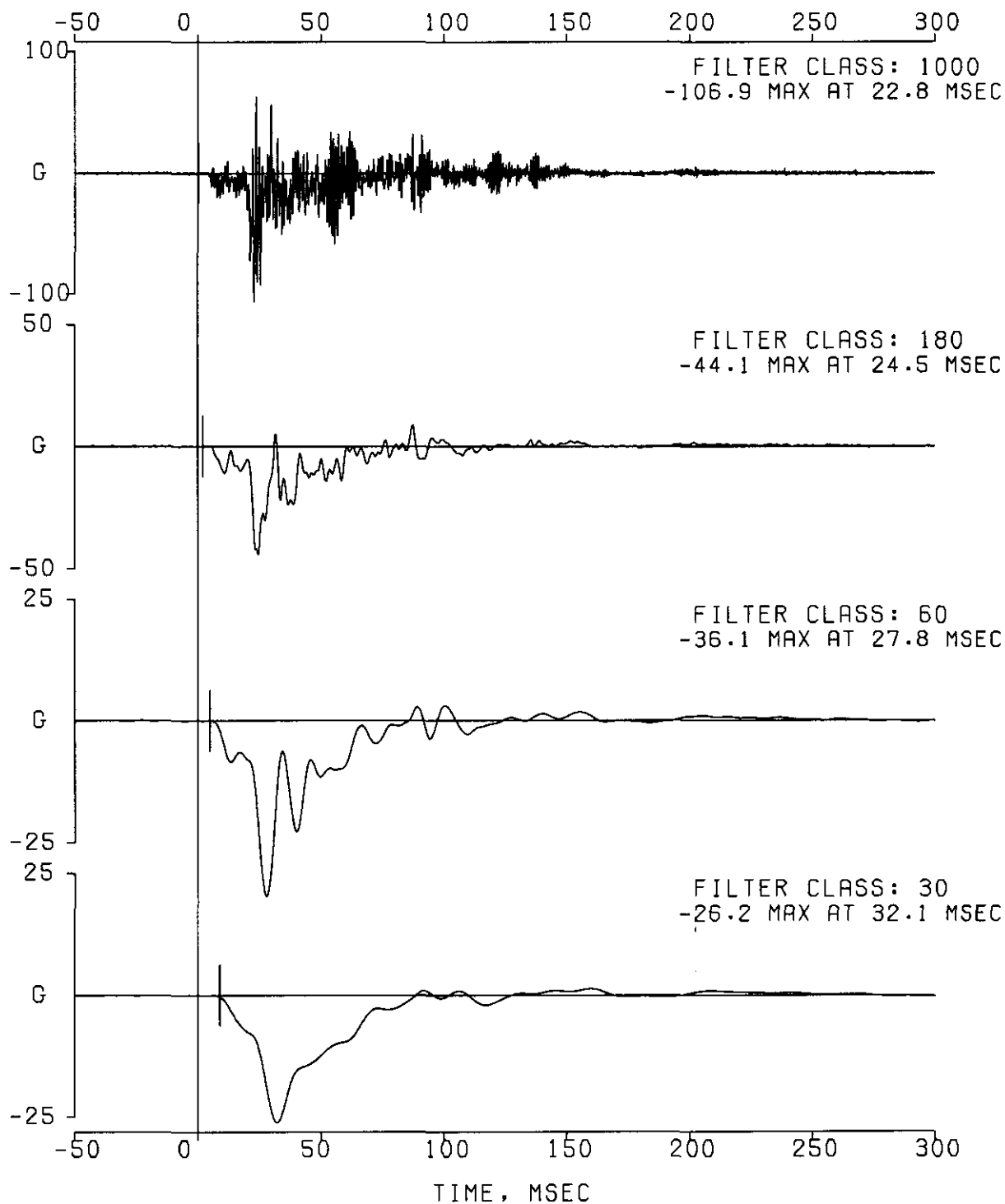
IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BH
ERRATA 1



COMPUTED MPH
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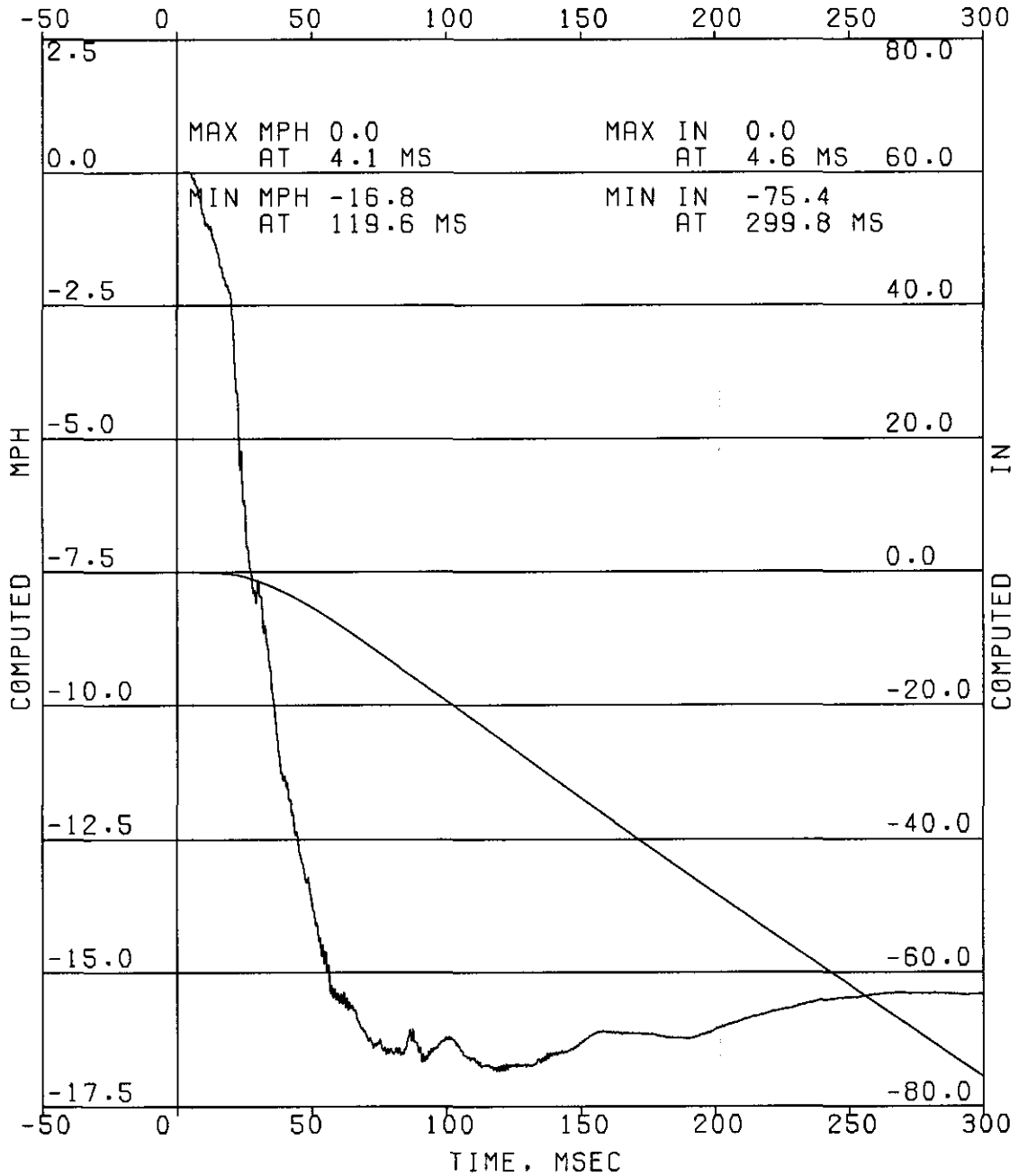




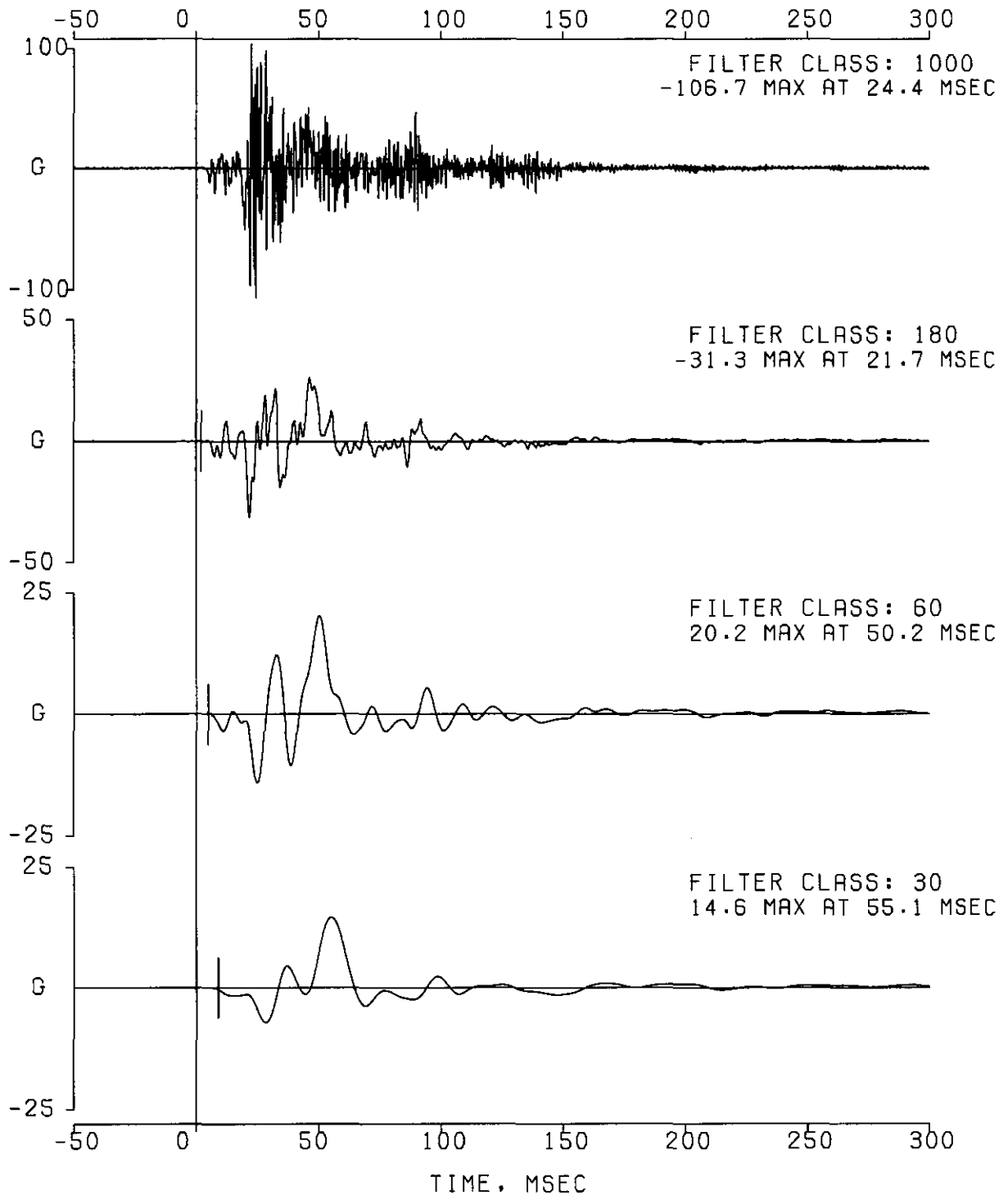
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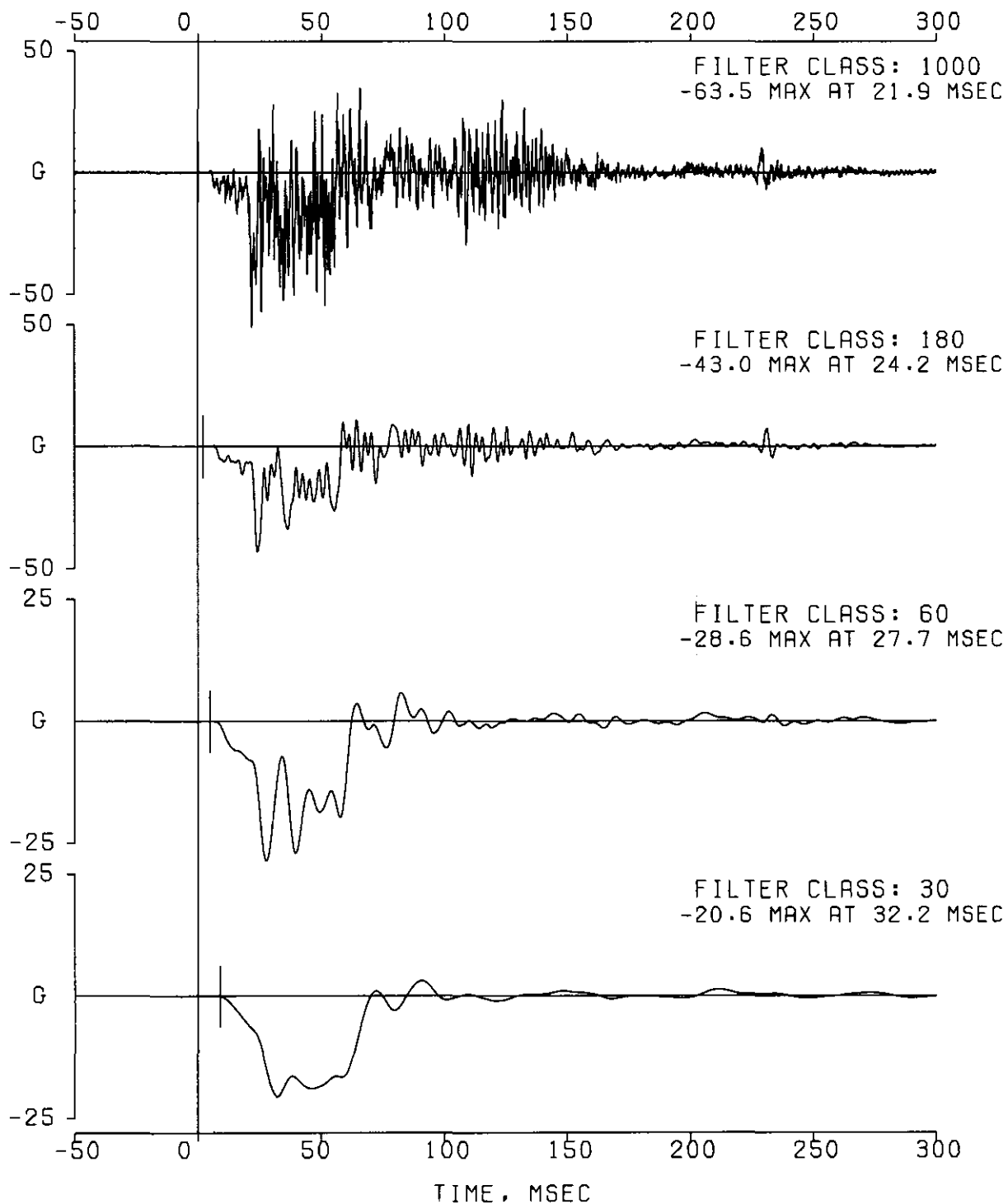
IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BH
ERRATA 1



COMPUTED MPH
COMPUTED IN

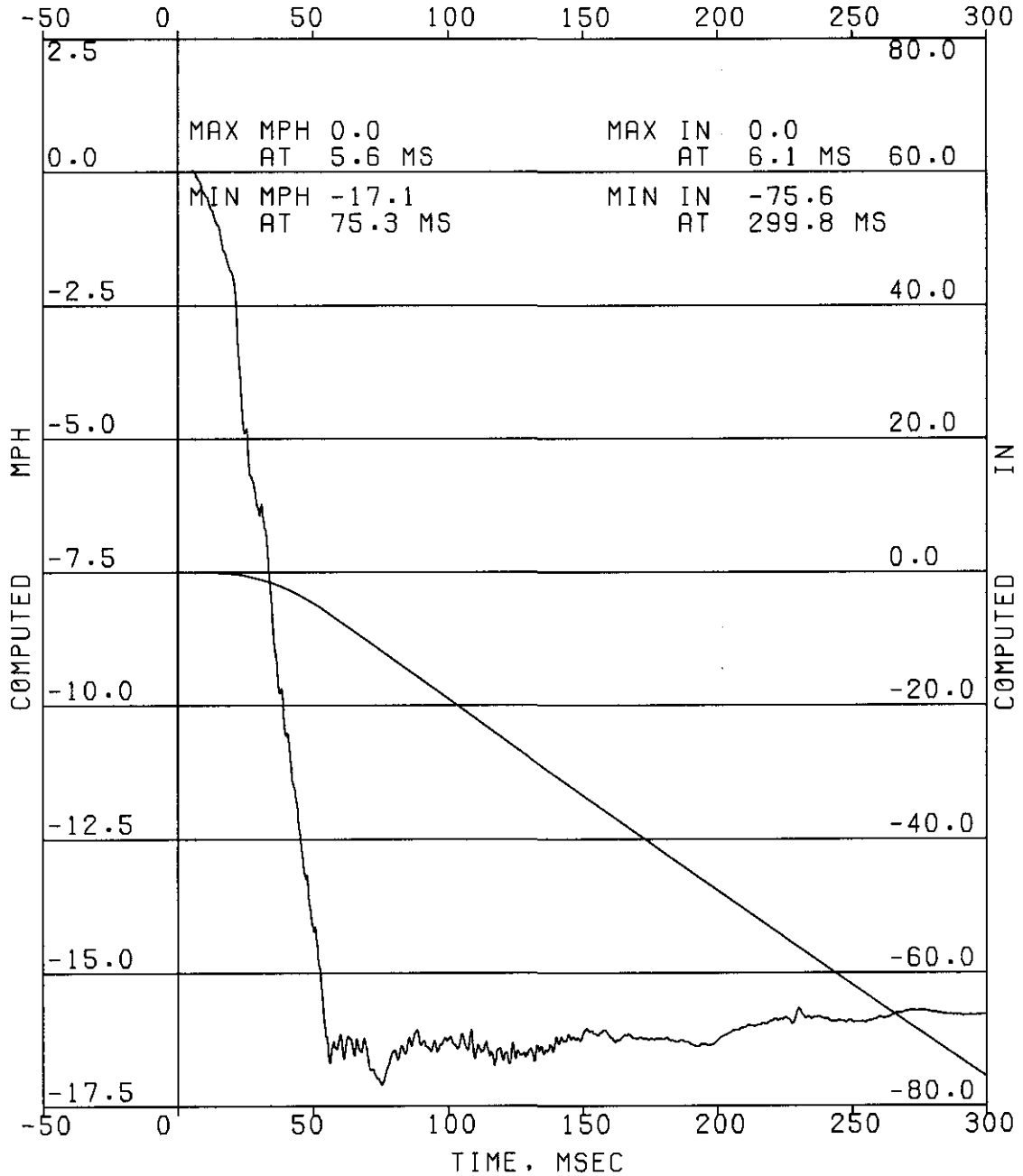




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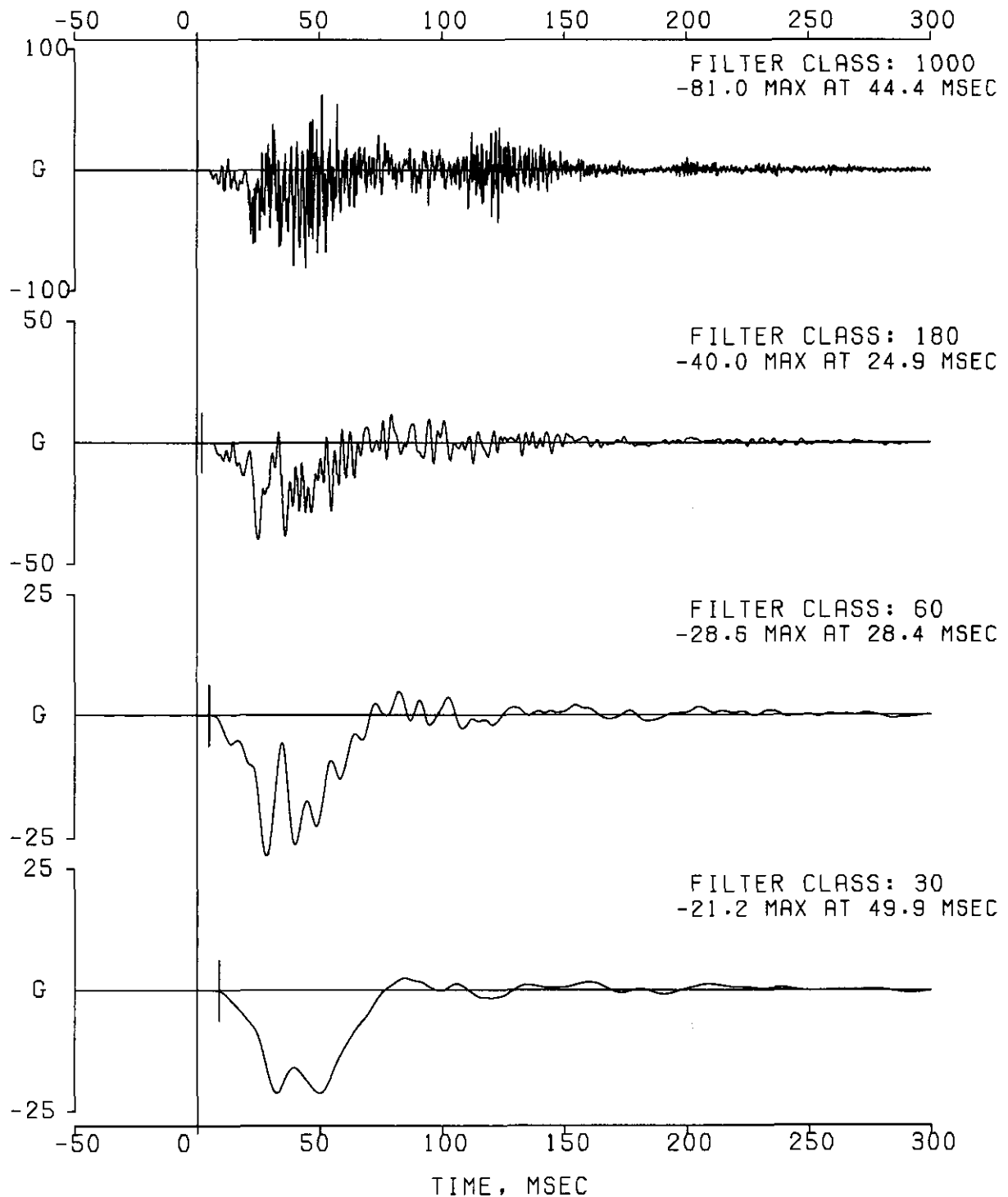
IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BH
ERRATA 1



COMPUTED MPH
COMPUTED IN

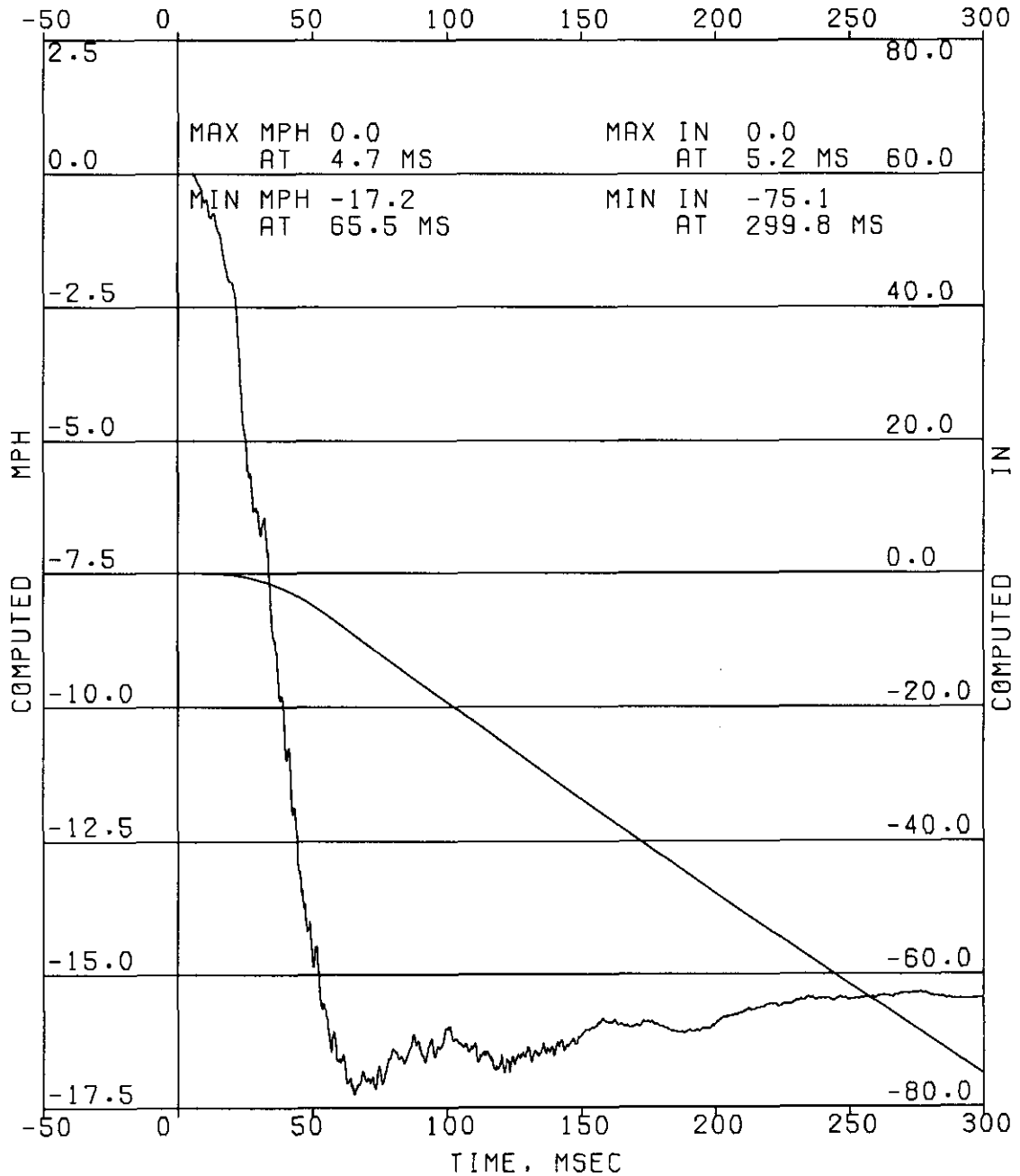
EA12-005- Chrysler -002671



FILTER TYPE: 0BDAS-III RESPONSE CORRECTION, CLASS 1000 FILTER(1650)
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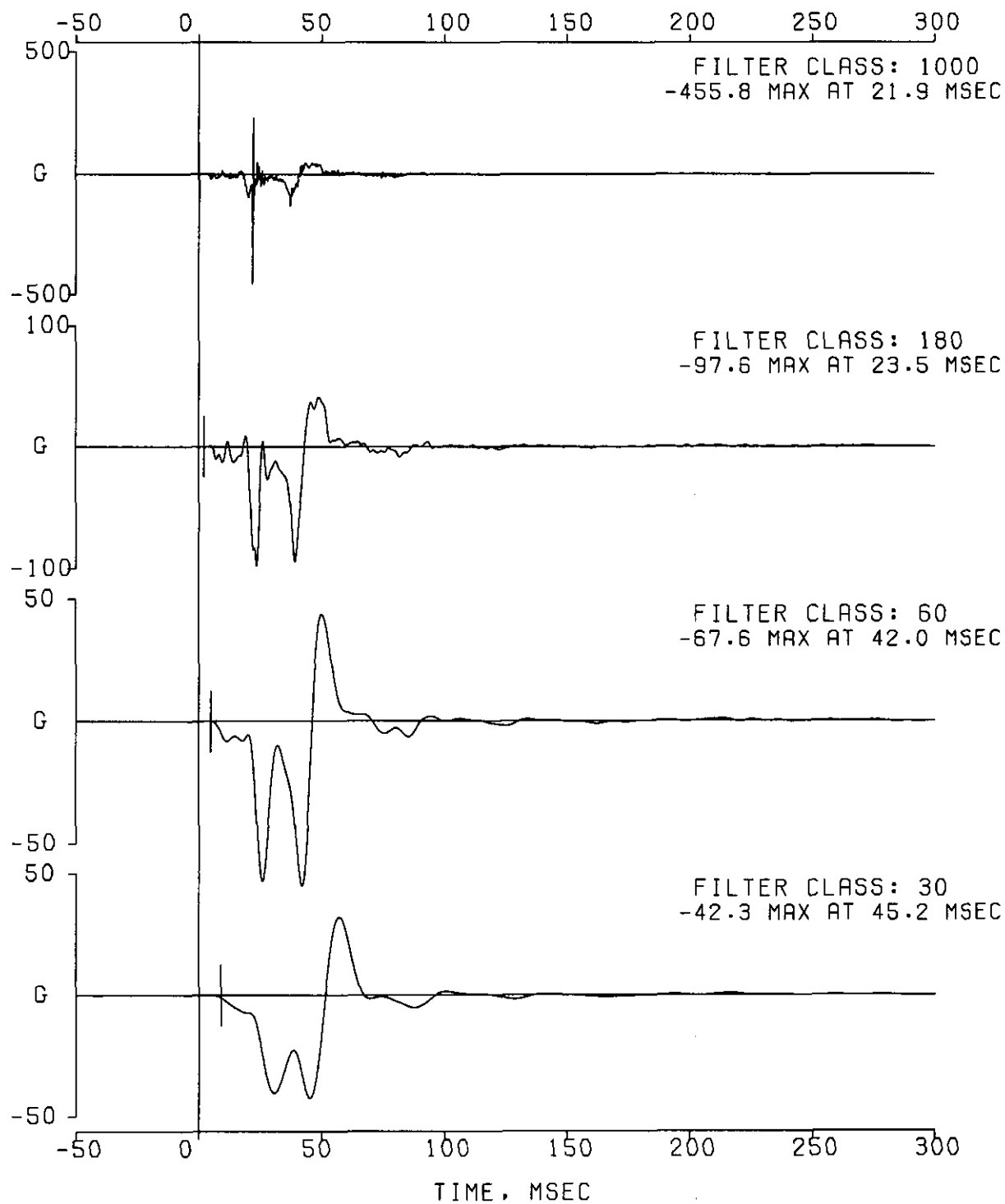
IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BH
ERRATA 1



COMPUTED MPH
COMPUTED IN

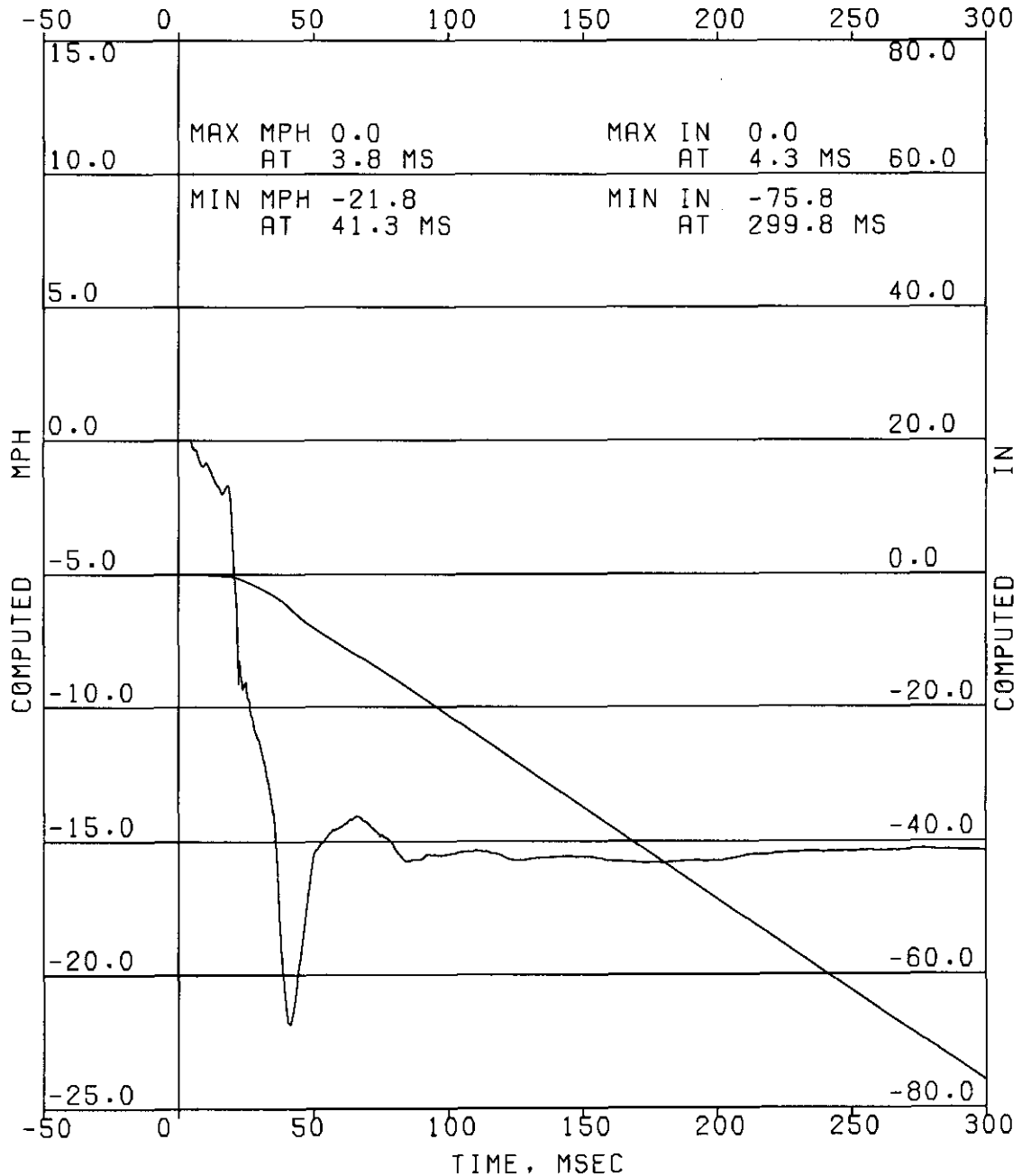
EA12-005- Chrysler -002673



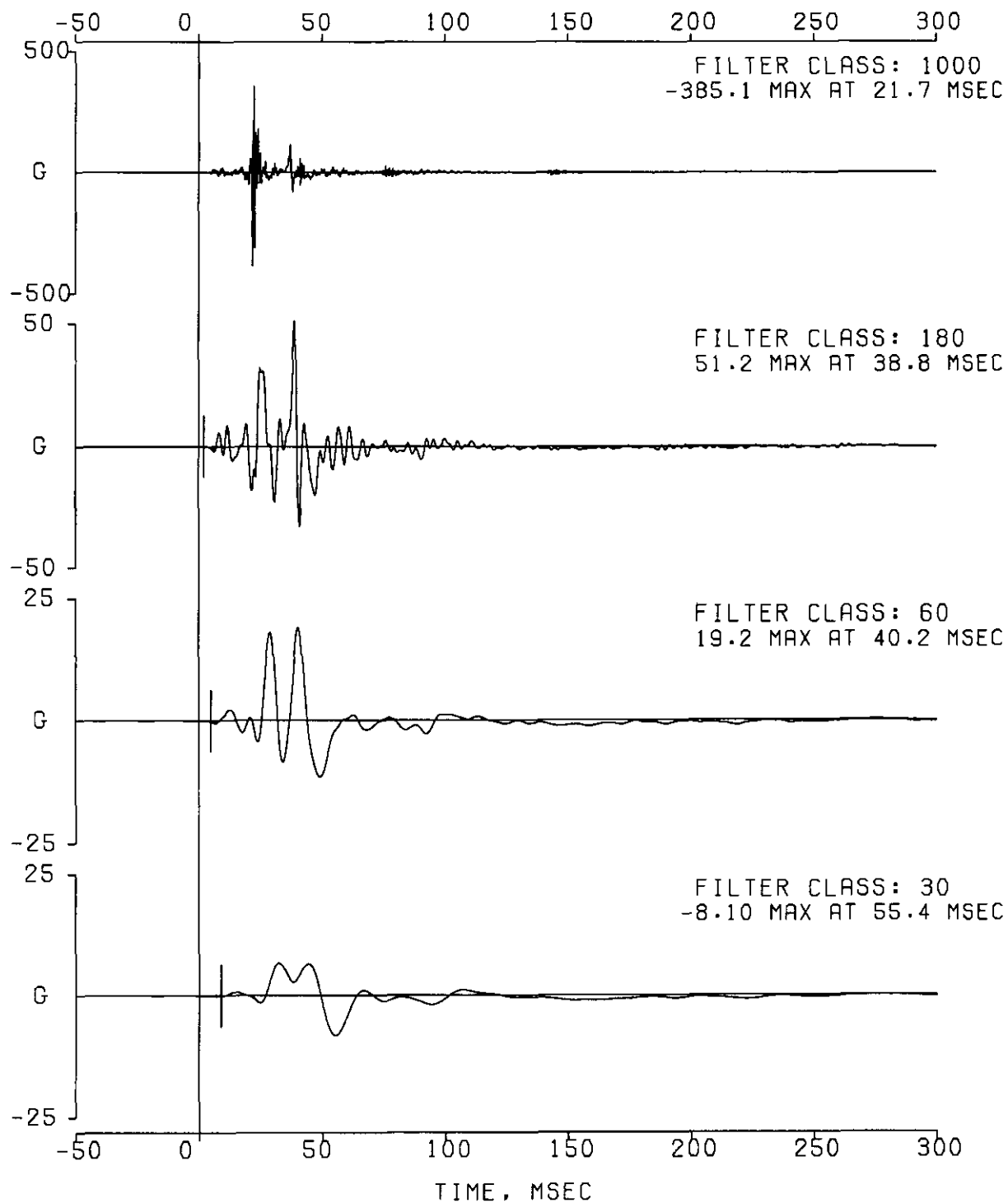
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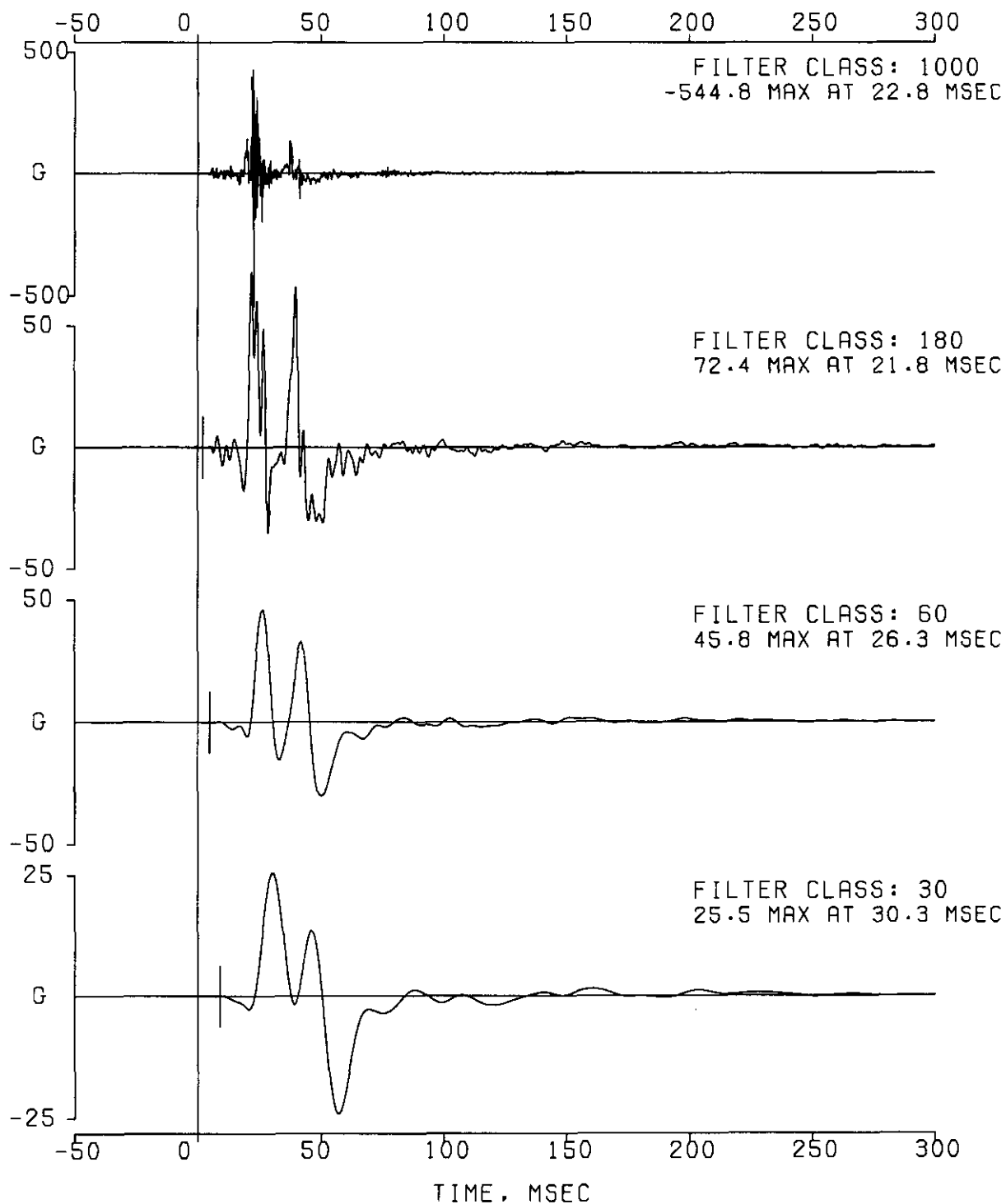
IMPACT ANALYSIS DEPT. 5320
AUG 4, 2000

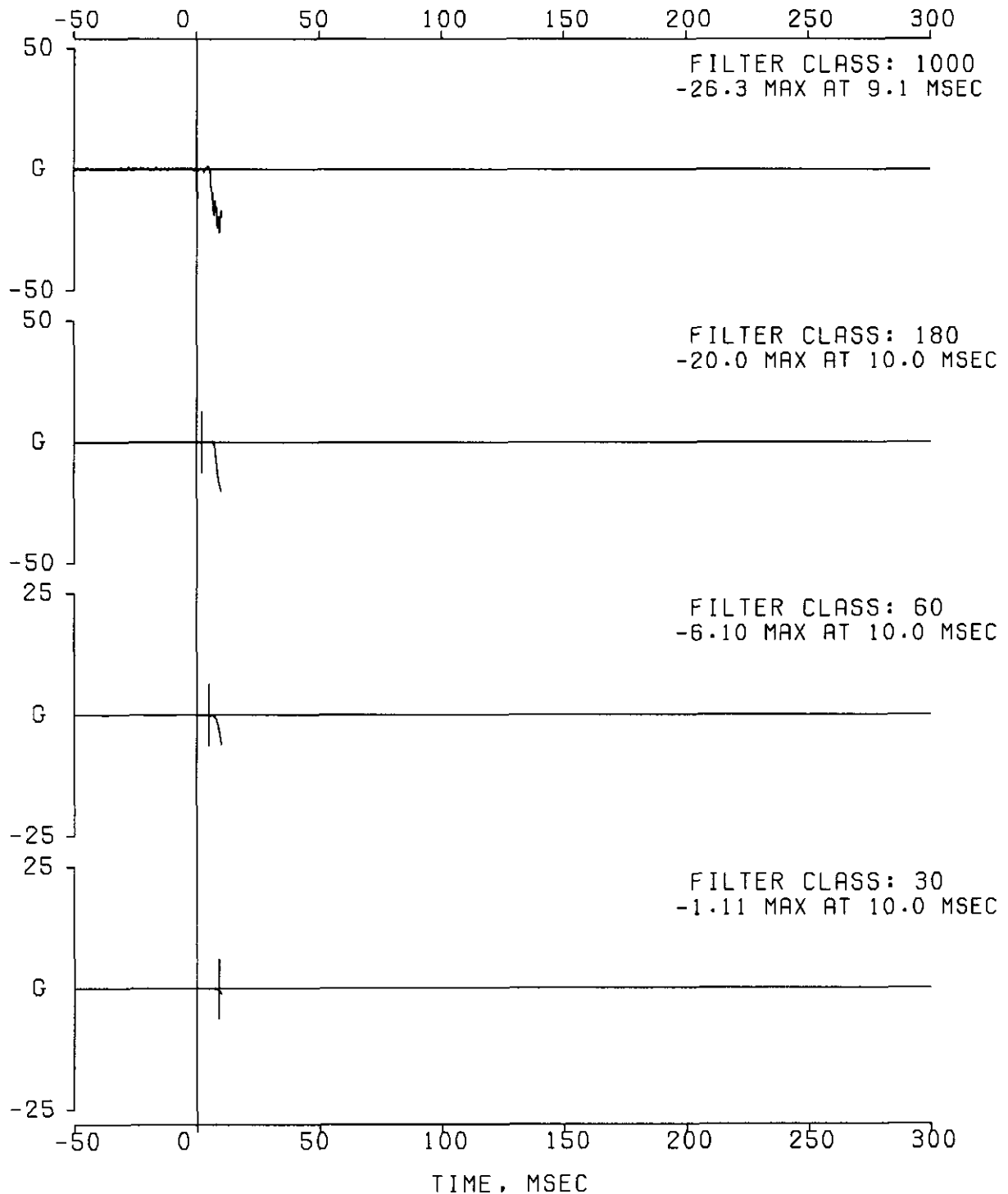
DATA SET 08/03/00BH
ERRATA 1



COMPUTED MPH
COMPUTED IN







***** CAUTION *****
***** INST. MALFUNCTION AFTER 10.0 MS *****

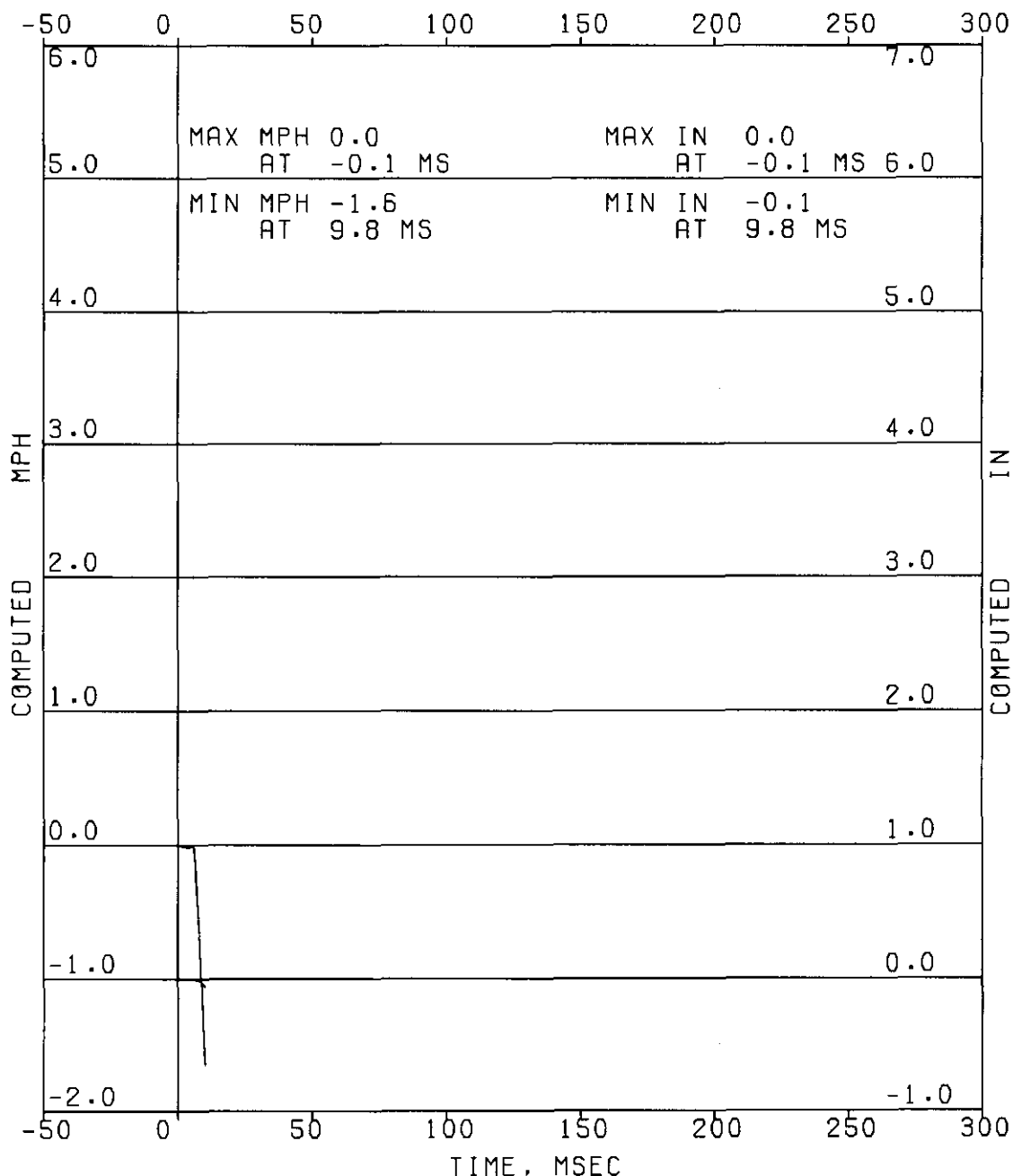
VC08268 30 MPH REAR MOVING BARRIER, KJJ-74 ITEM KJ5033R
 2002 MVSS 301 REAR IMPACT DEVELOPMENT.
 CHANNEL 028 FUEL TANK CTR BTM X J19827

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FILTER TYPE: OBDAS-III RESPONSE CORRECTION, CLASS 1000 FILTER(1650)
 FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
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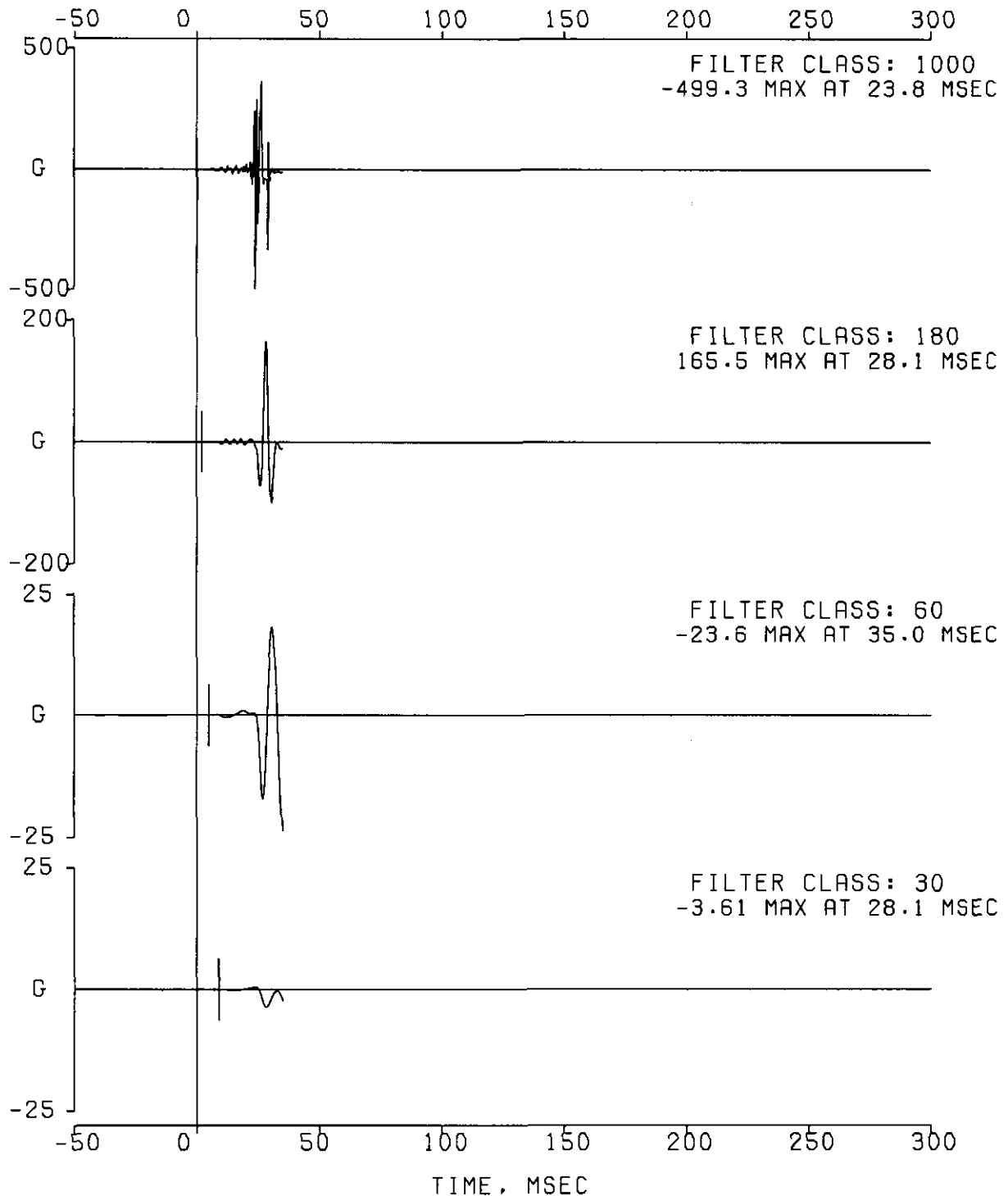
DATA SET 08/03/00BH
 ERRATA 1



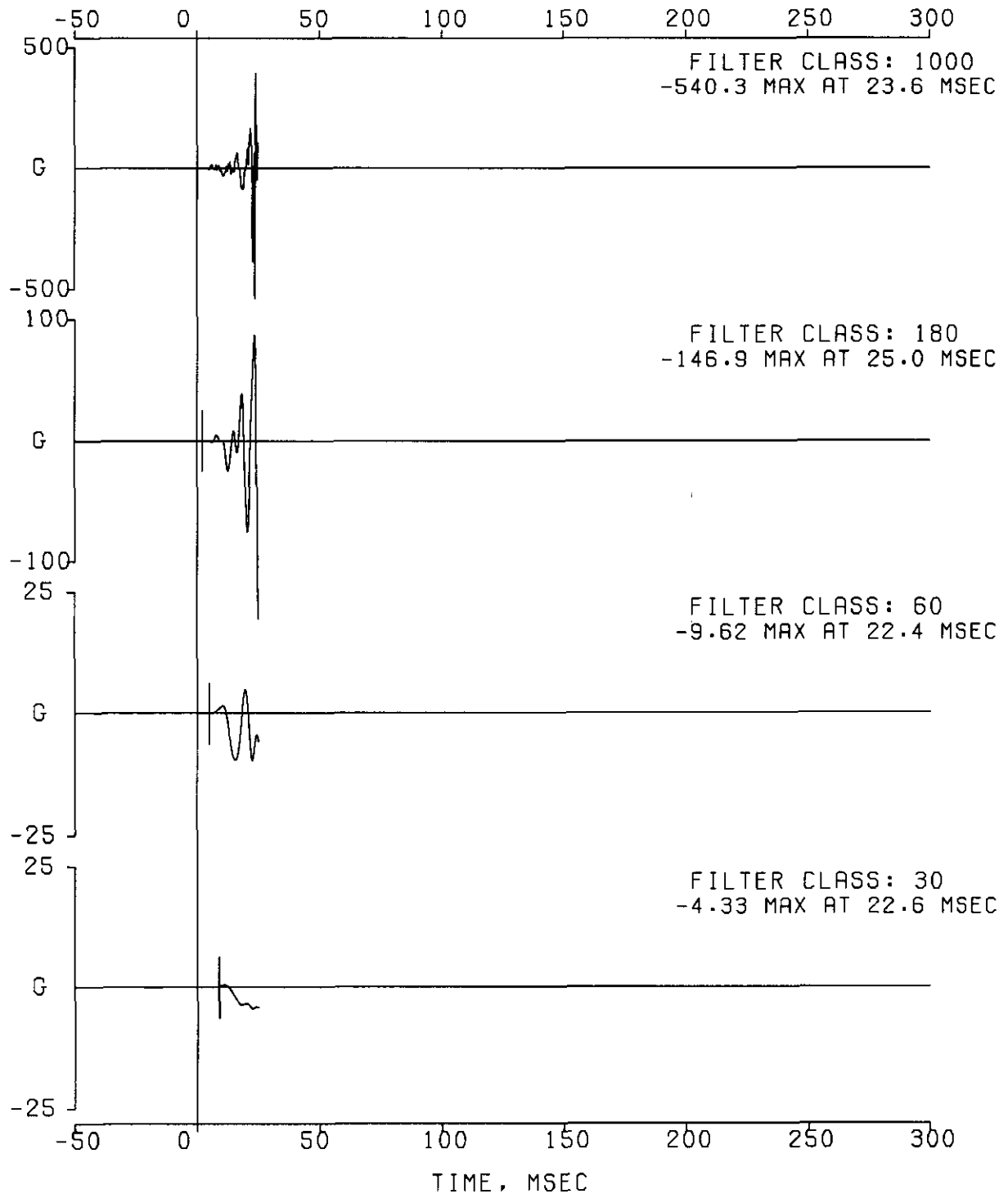
***** CAUTION *****
 ***** INST. MALFUNCTION AFTER 10.0 MS *****

COMPUTED MPH
 COMPUTED IN

EA12-005- Chrysler -002679



***** CAUTION *****
***** INST. MALFUNCTION AFTER 35.0 MS *****



***** CAUTION *****
***** INST. MALFUNCTION AFTER 25.0 MS *****

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DATA SET 08/03/00BH

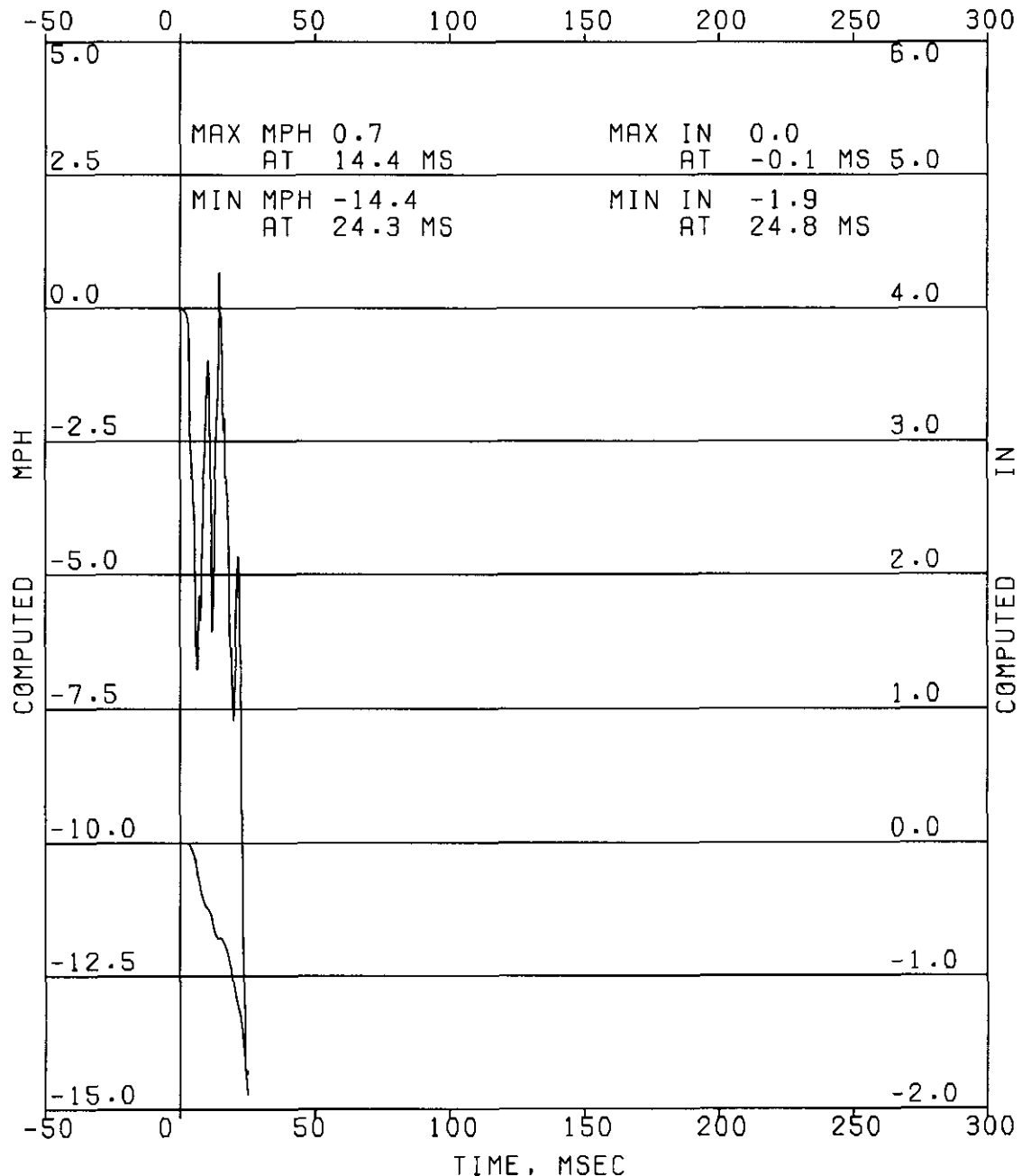
ERRATA 1



FILTER TYPE: OBDAS-III RESPONSE CORRECTION, CLASS 1000 FILTER(1650)
FILTER CLASS: 1000

IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BH
ERRATA 1



***** CAUTION *****
***** INST. MALFUNCTION AFTER 25.0 MS *****

COMPUTED MPH
COMPUTED IN

EA12-005- Chrysler -002683

2002 MVSS 301 REAR IMPACT DEVELOPMENT.

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CHANNEL 032 SWINGGATE INTR LATCH Y J26636

FILTER TYPE: 0BDAS-III RESPONSE CORRECTION, CLASS 1000 FILTER(1650)

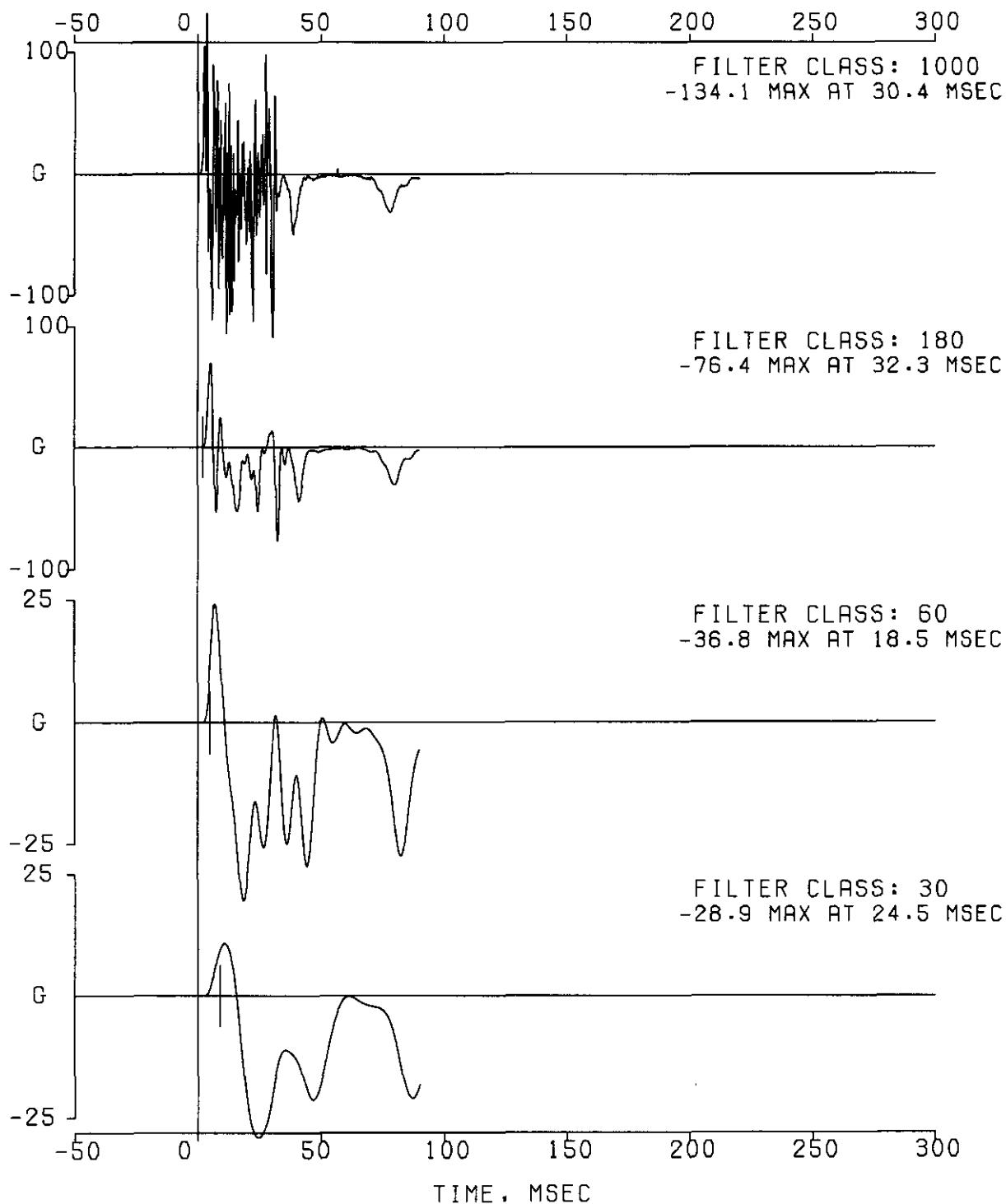
IMPACT ANALYSIS DEPT. 5320

DATA SET 08/03/00BH

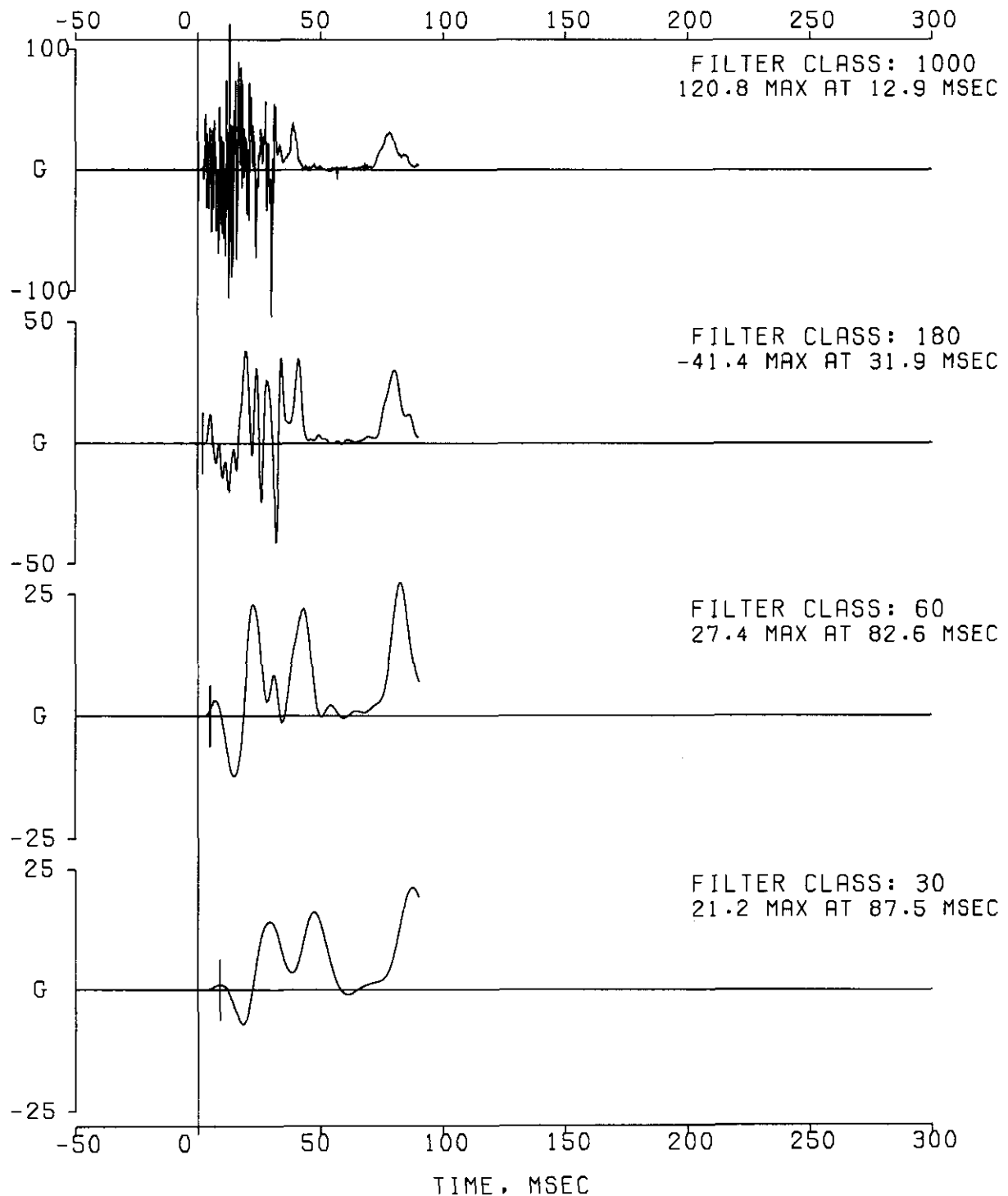
AUG 4,2000

ERRATA

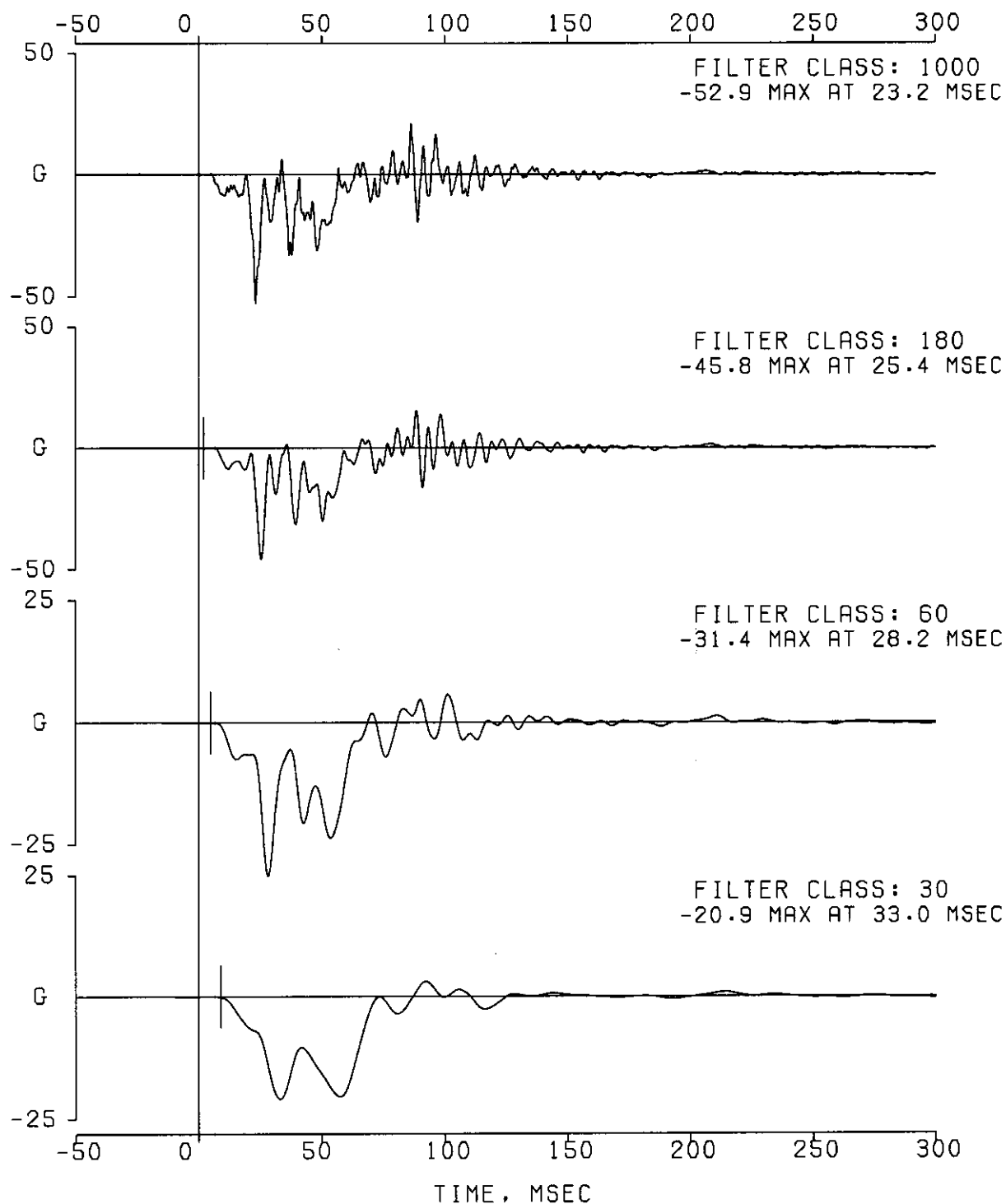
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***** CAUTION *****
***** INST. MALFUNCTION AFTER 90.0 MS *****

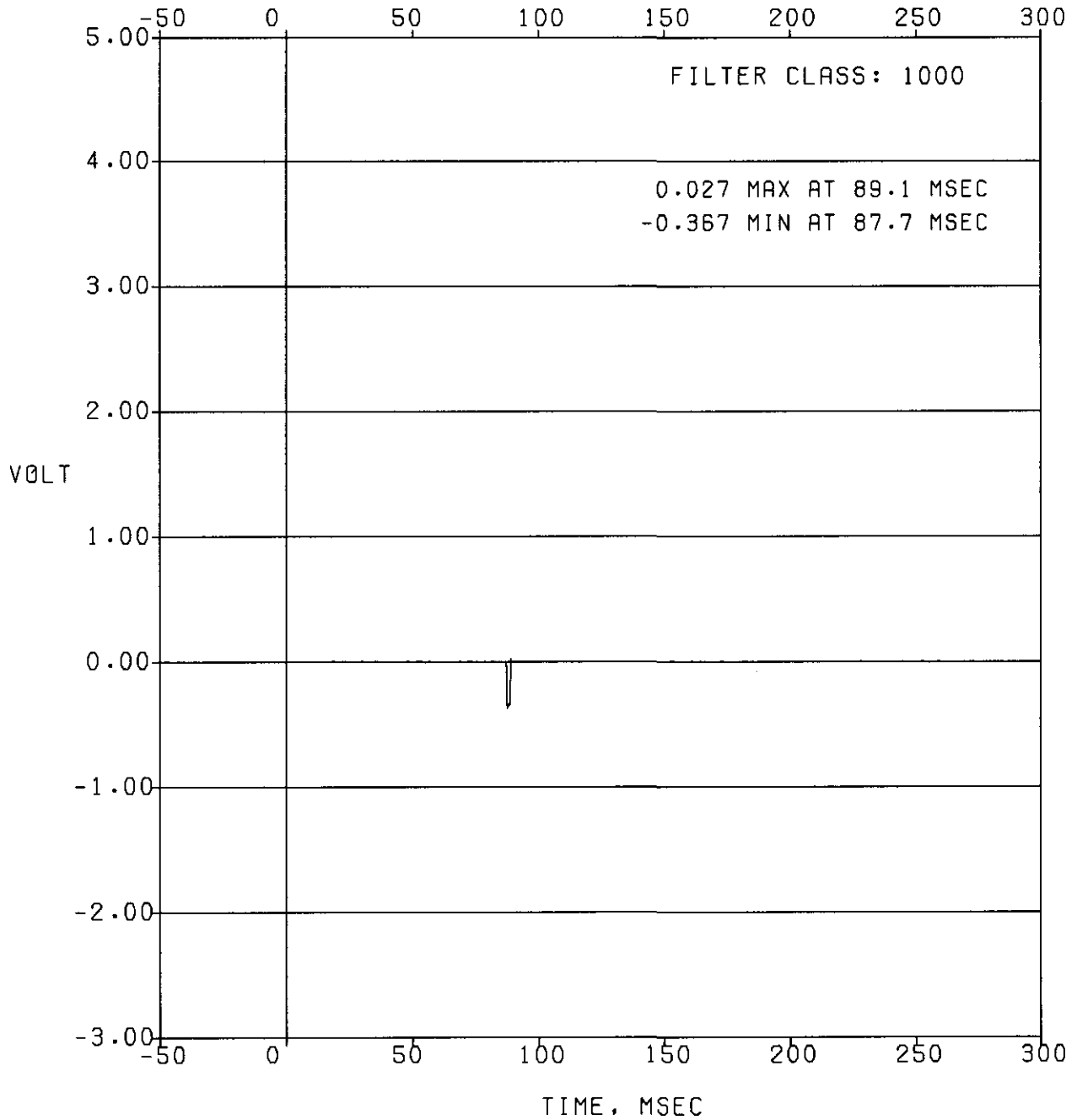


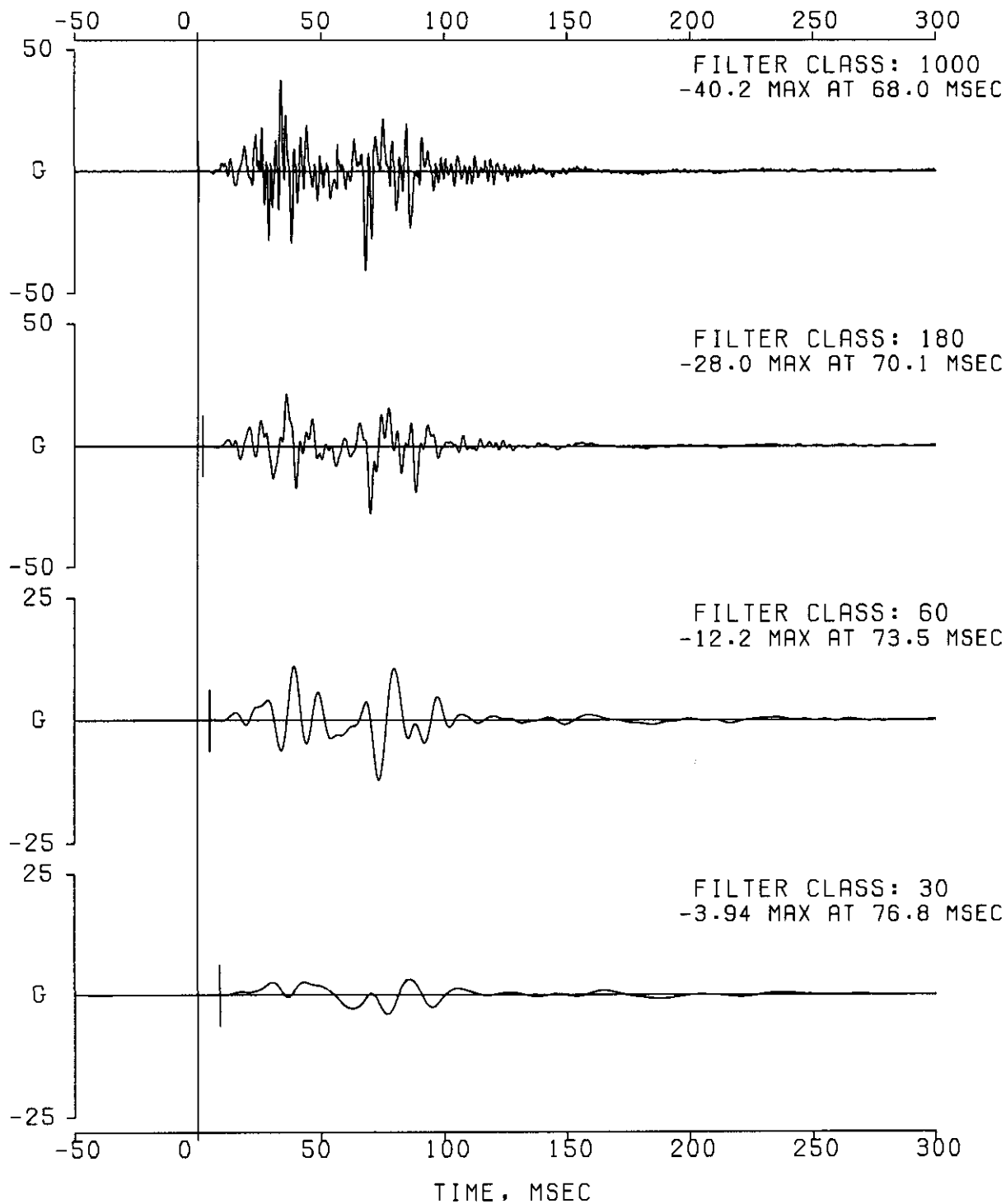
***** CAUTION *****
***** INST. MALFUNCTION AFTER 90.0 MS *****

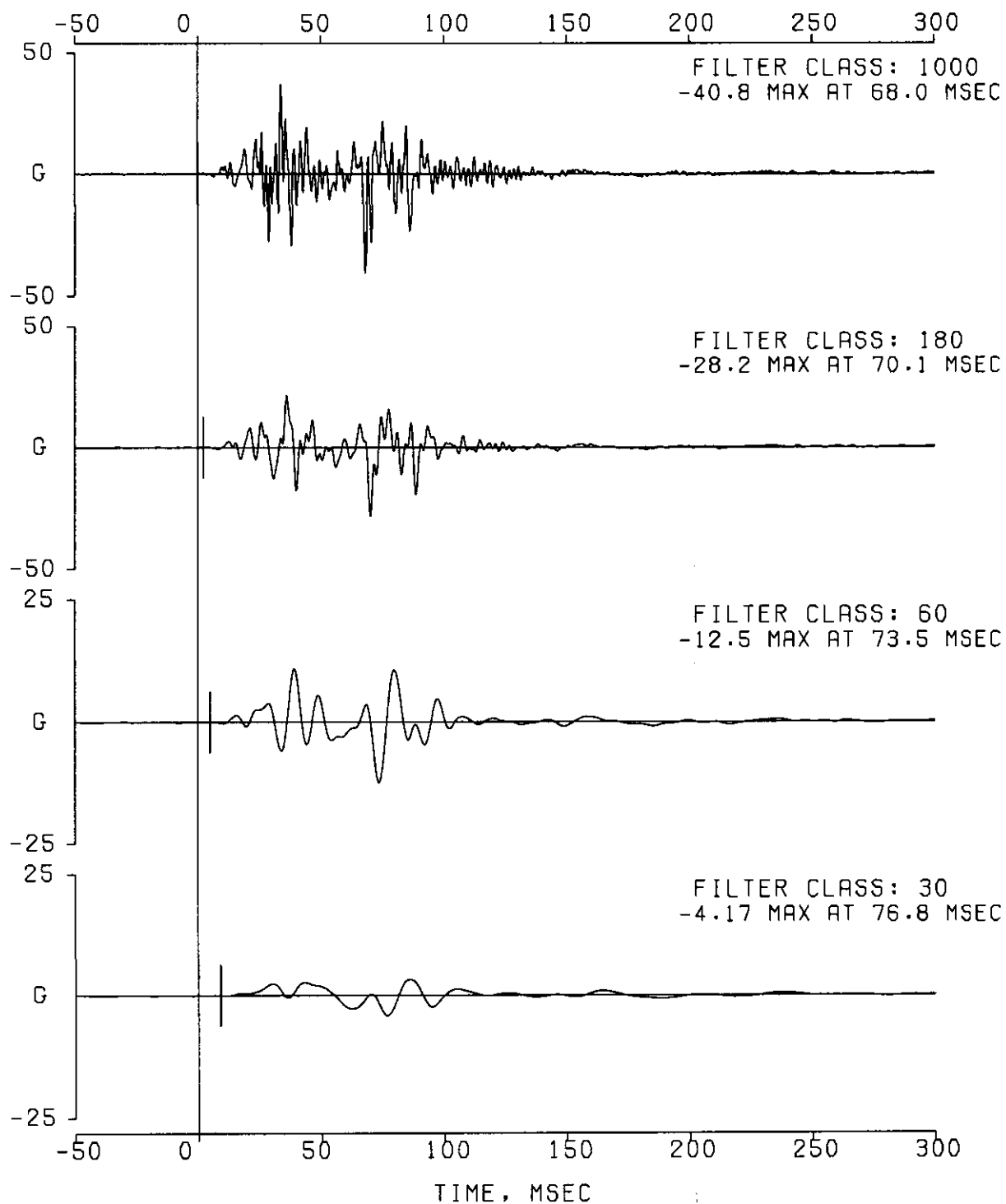


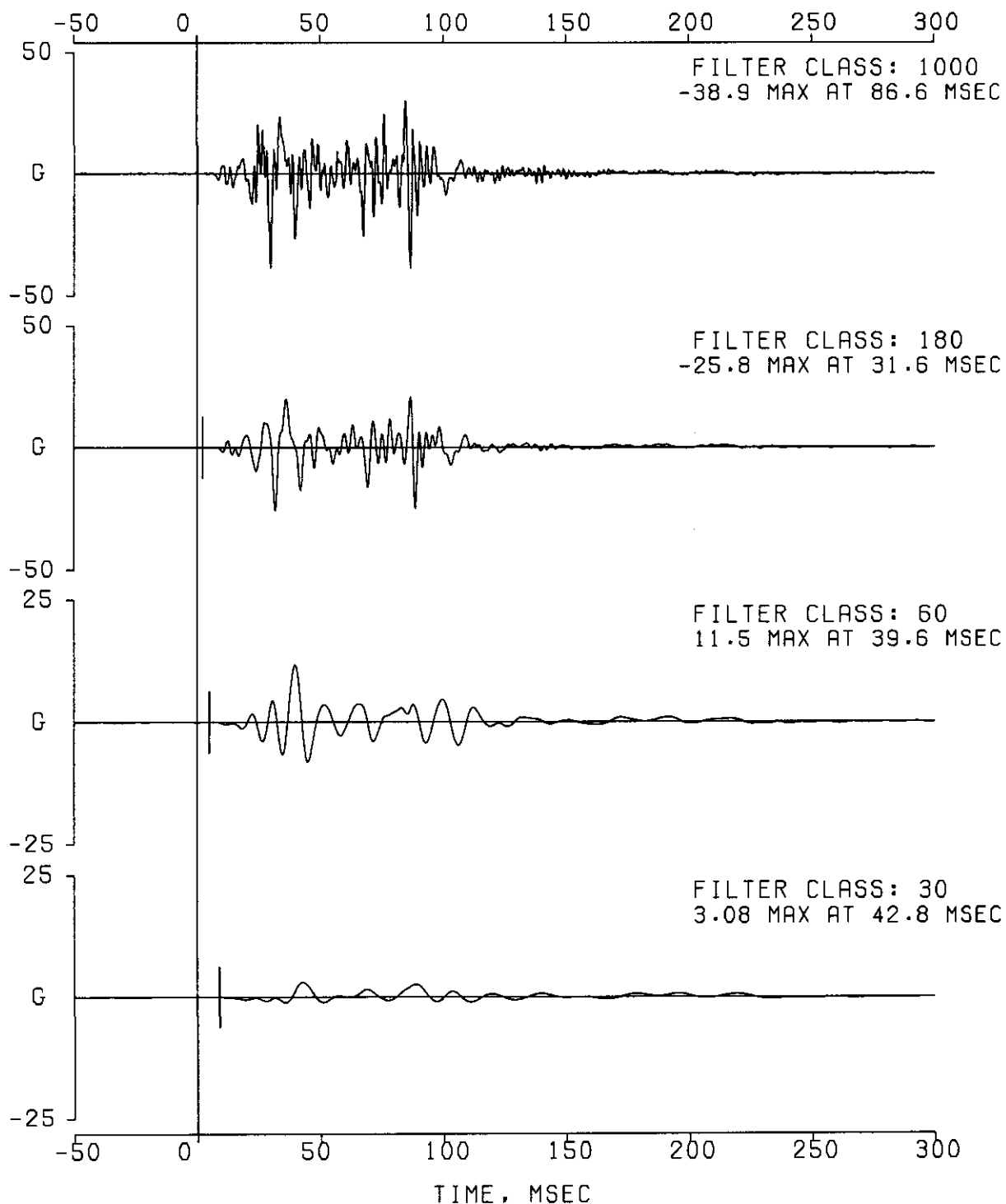
CHANNEL 035 ACM SAFING SENSOR

FILTER TYPE: 0BDAS-III RESPONSE CORRECTION, CLASS 1000 FILTER(1650)
IMPACT ANALYSIS DEPT. 5320 DATA SET 08/03/00BI
AUG 4,2000 ERRATA 1









CHANNEL 039 RT SIACM INT ACCEL2 G 50

FILTER TYPE: OBDAS-III RESPONSE CORRECTION, CLASS 1000 FILTER(1650)

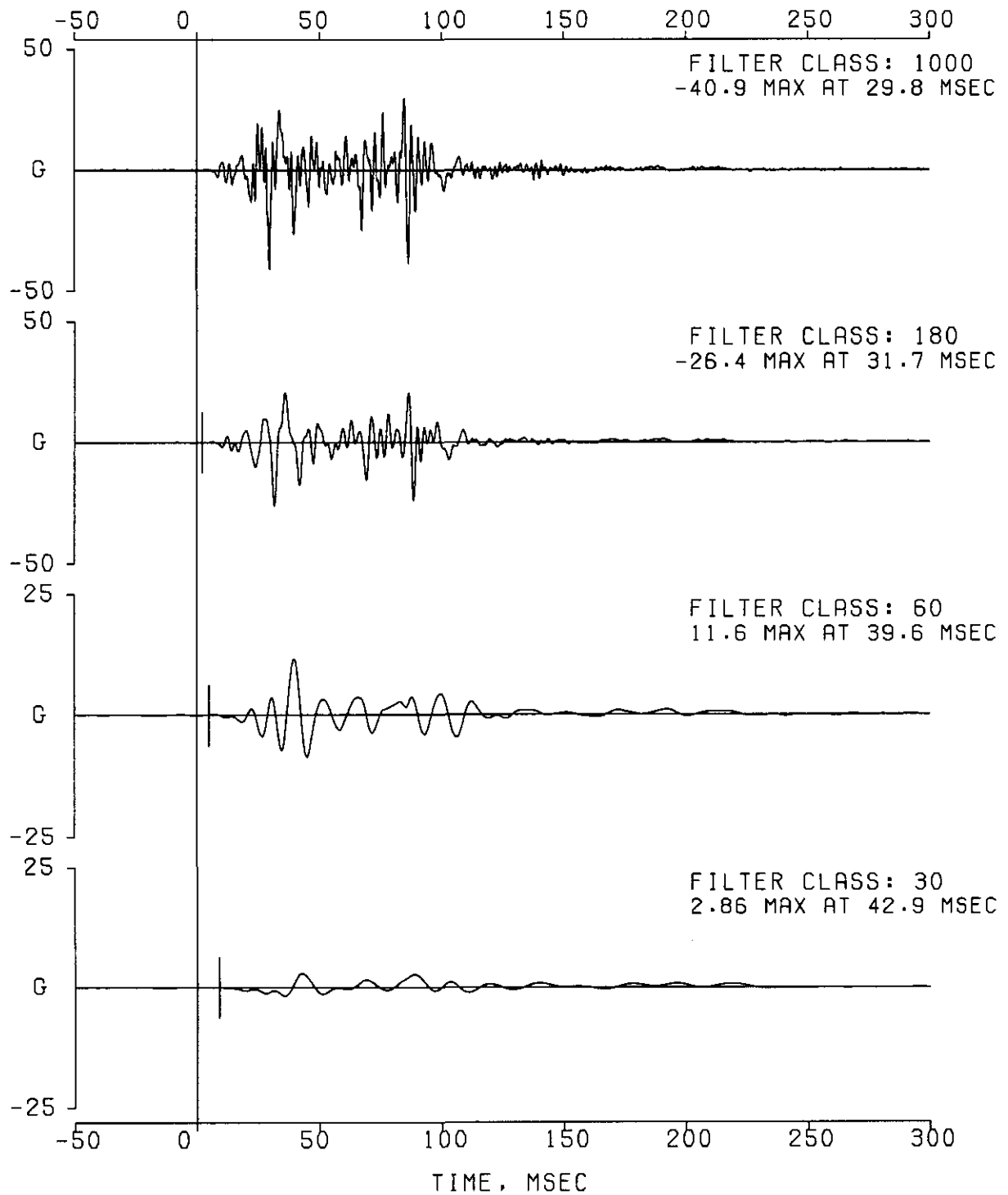
IMPACT ANALYSIS DEPT. 5320

DATA SET 08/03/00BI

AUG 4, 2000

ERRATA

1



VC08268 30 MPH REAR MOVING BARRIER. KJJ-74 ITEM KJ5033R

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2002 MVSS 301 REAR IMPACT DEVELOPMENT.

OF 074

CHANNEL 040 ORC TOP FT LT

X P14494

FILTER TYPE: OBDAS-III RESPONSE CORRECTION, CLASS 1000 FILTER(1650)

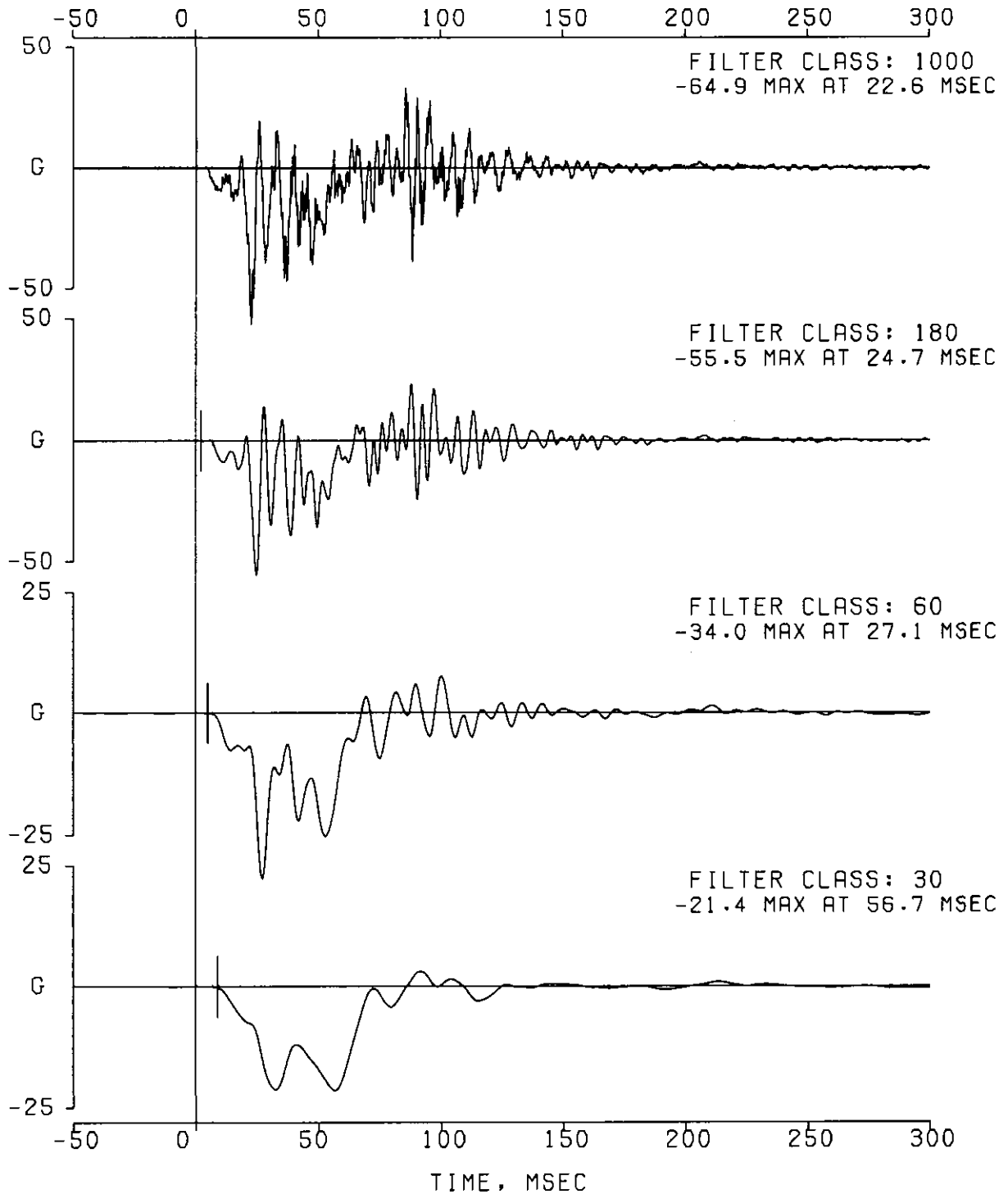
IMPACT ANALYSIS DEPT. 5320

DATA SET 08/03/00BI

AUG 4,2000

ERRATA

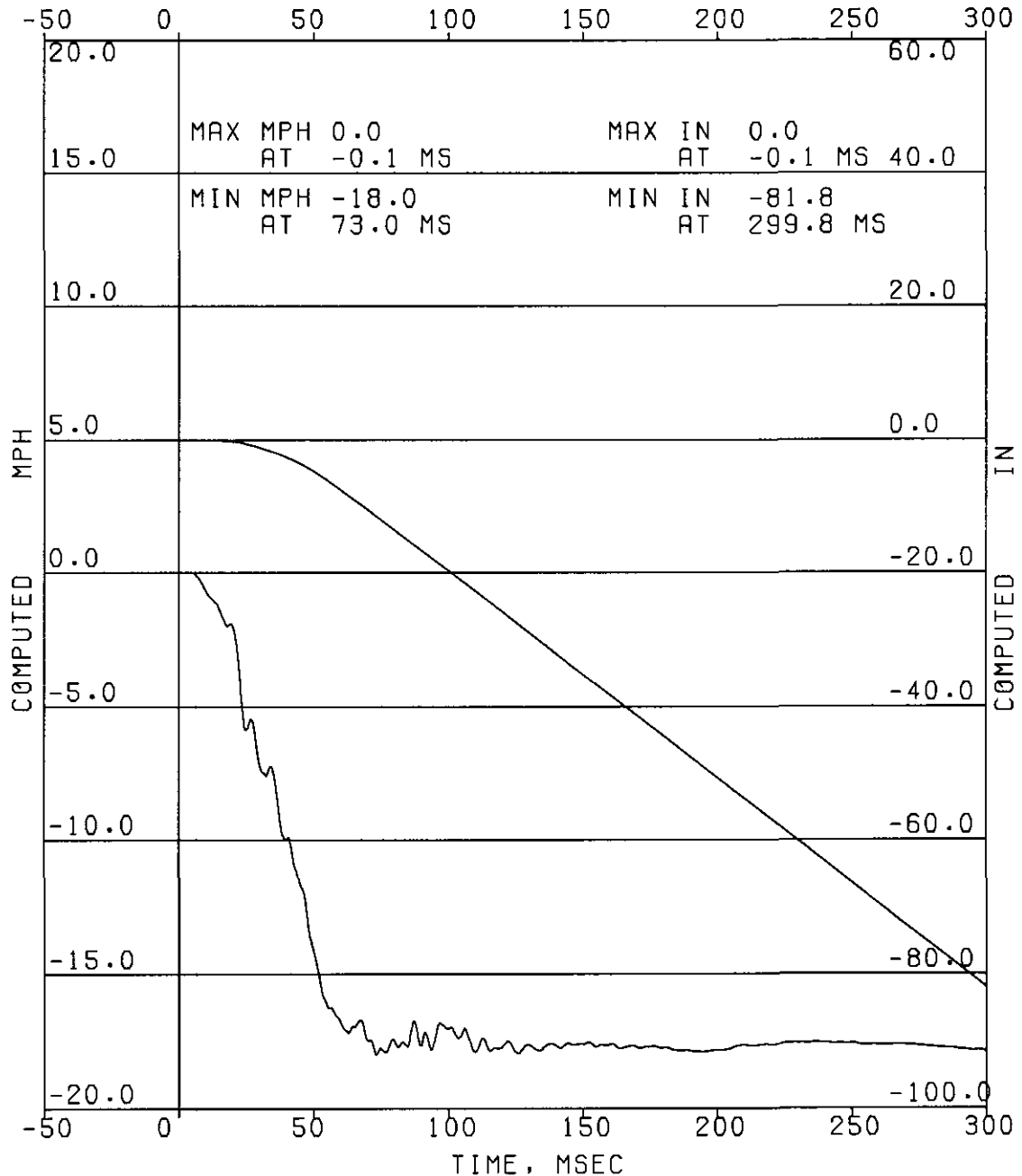
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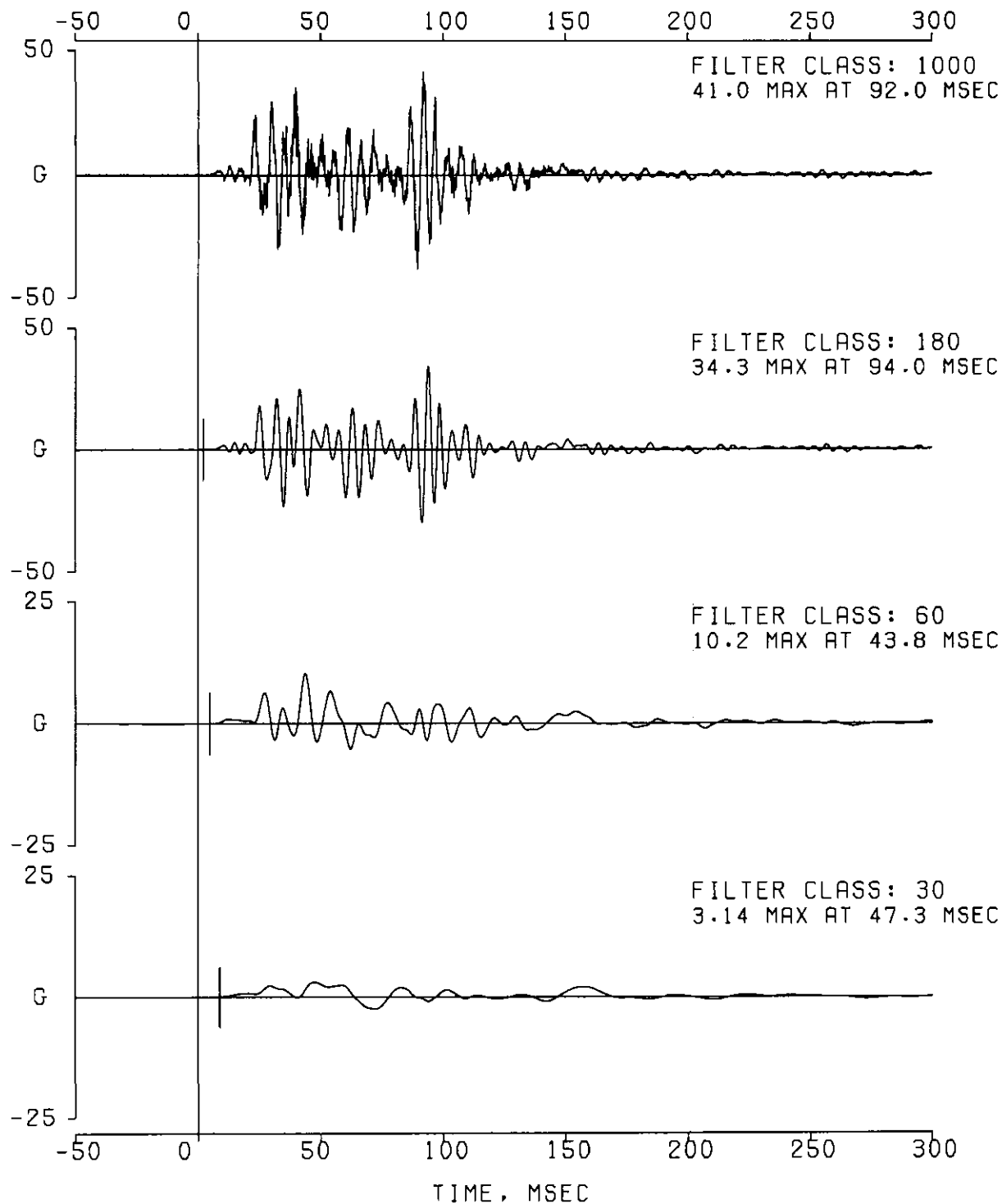
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FILTER CLASS: 1000

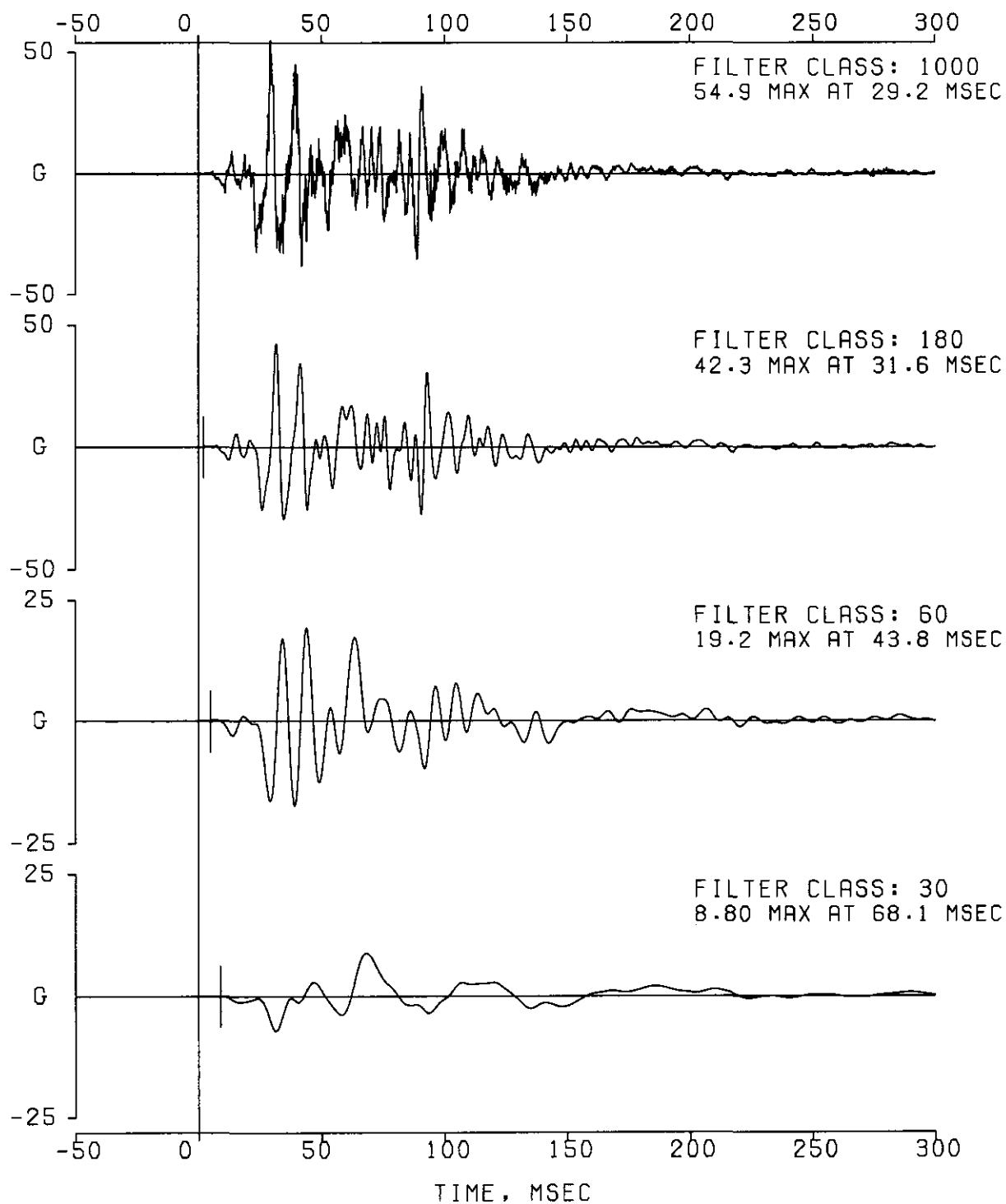
IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BI
ERRATA 1



COMPUTED MPH
COMPUTED IN





CHANNEL 065 LT RAIL MBAR MID X 14357

FILTER TYPE: OBDAS-III RESPONSE CORRECTION, CLASS 1000 FILTER(1650)

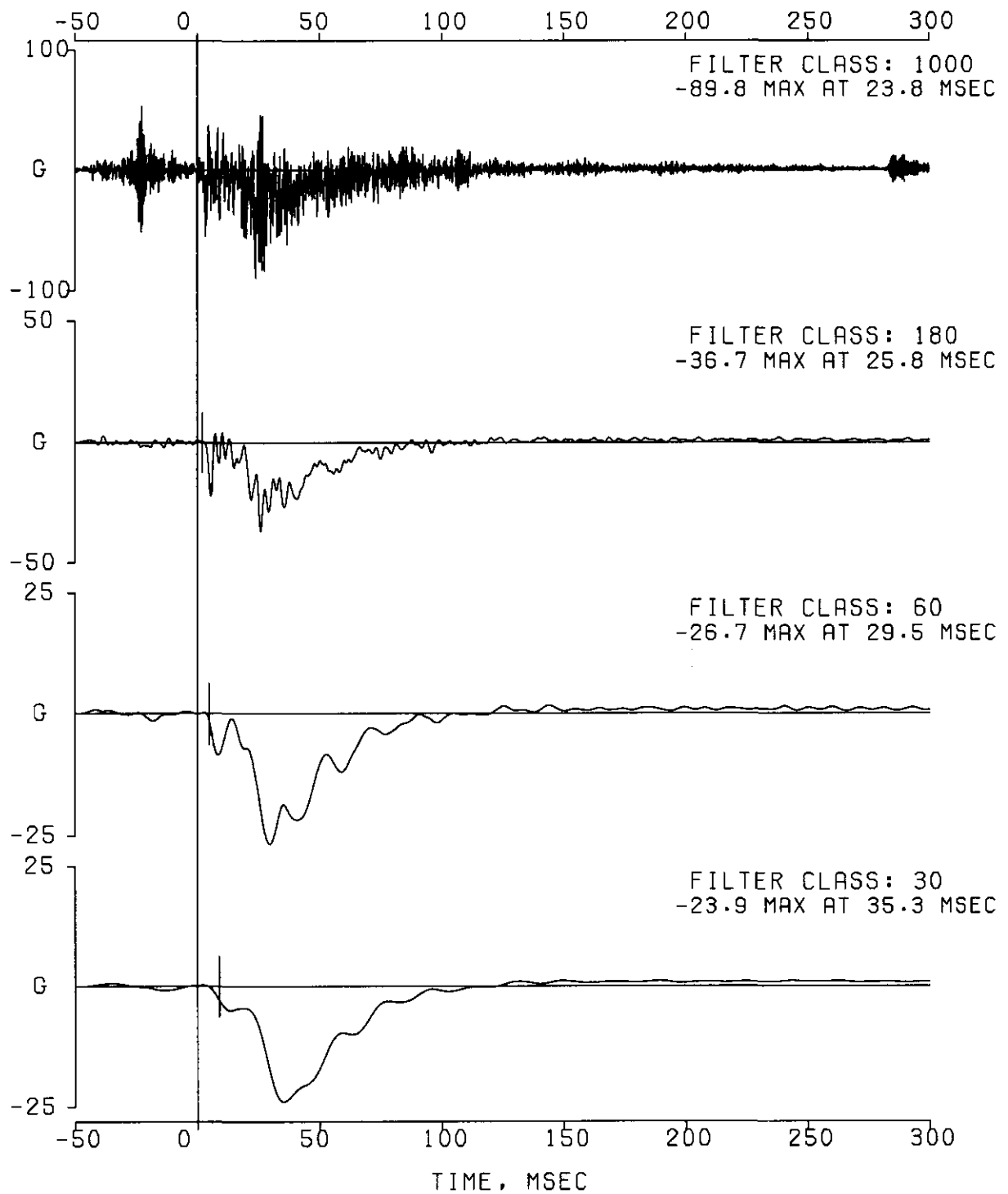
IMPACT ANALYSIS DEPT. 5320

DATA SET 08/03/00BK

AUG 4, 2000

ERRATA

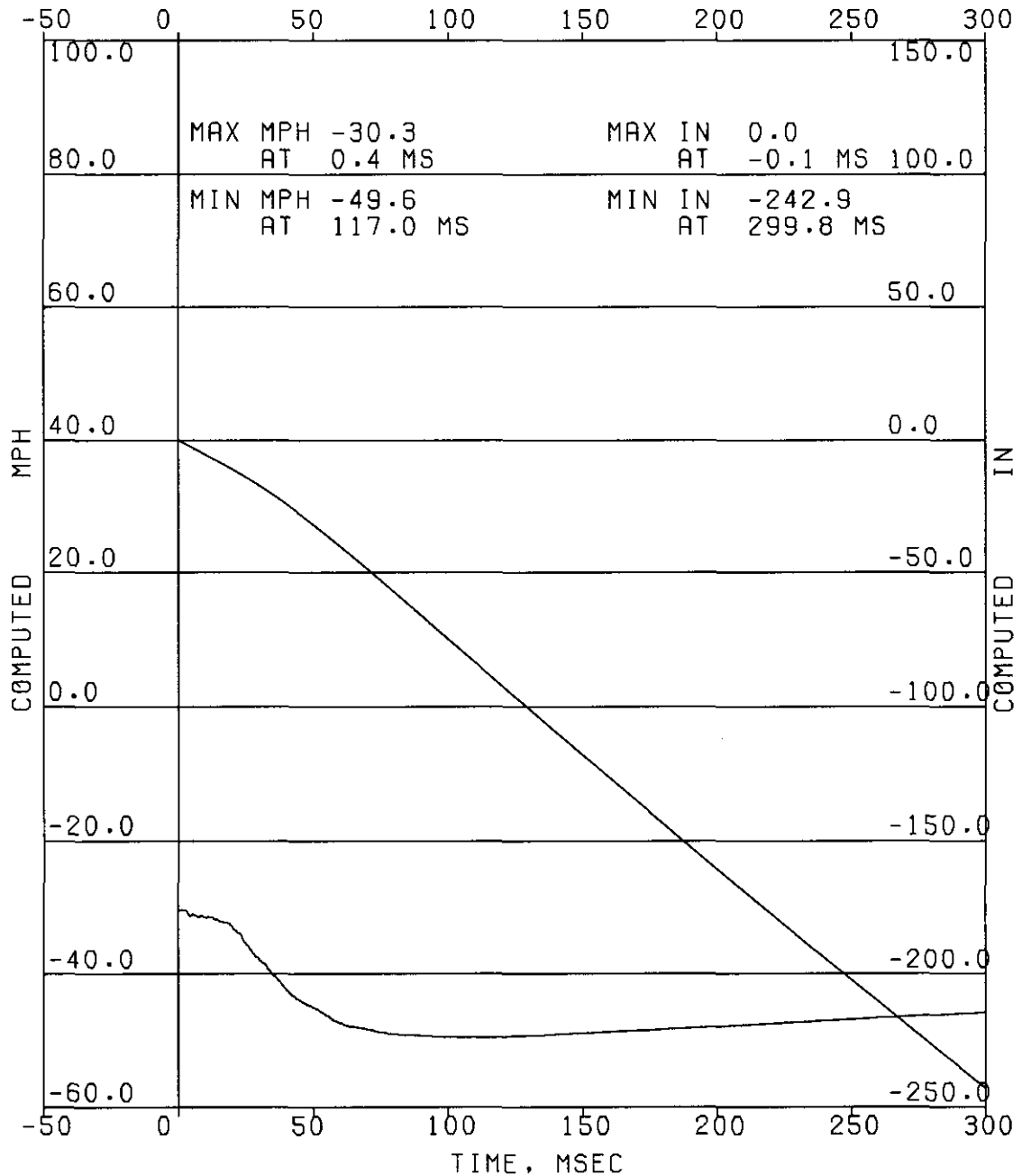
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FILTER TYPE: OBDAS-III RESPONSE CORRECTION, CLASS 1000 FILTER(1650)
FILTER CLASS: 1000

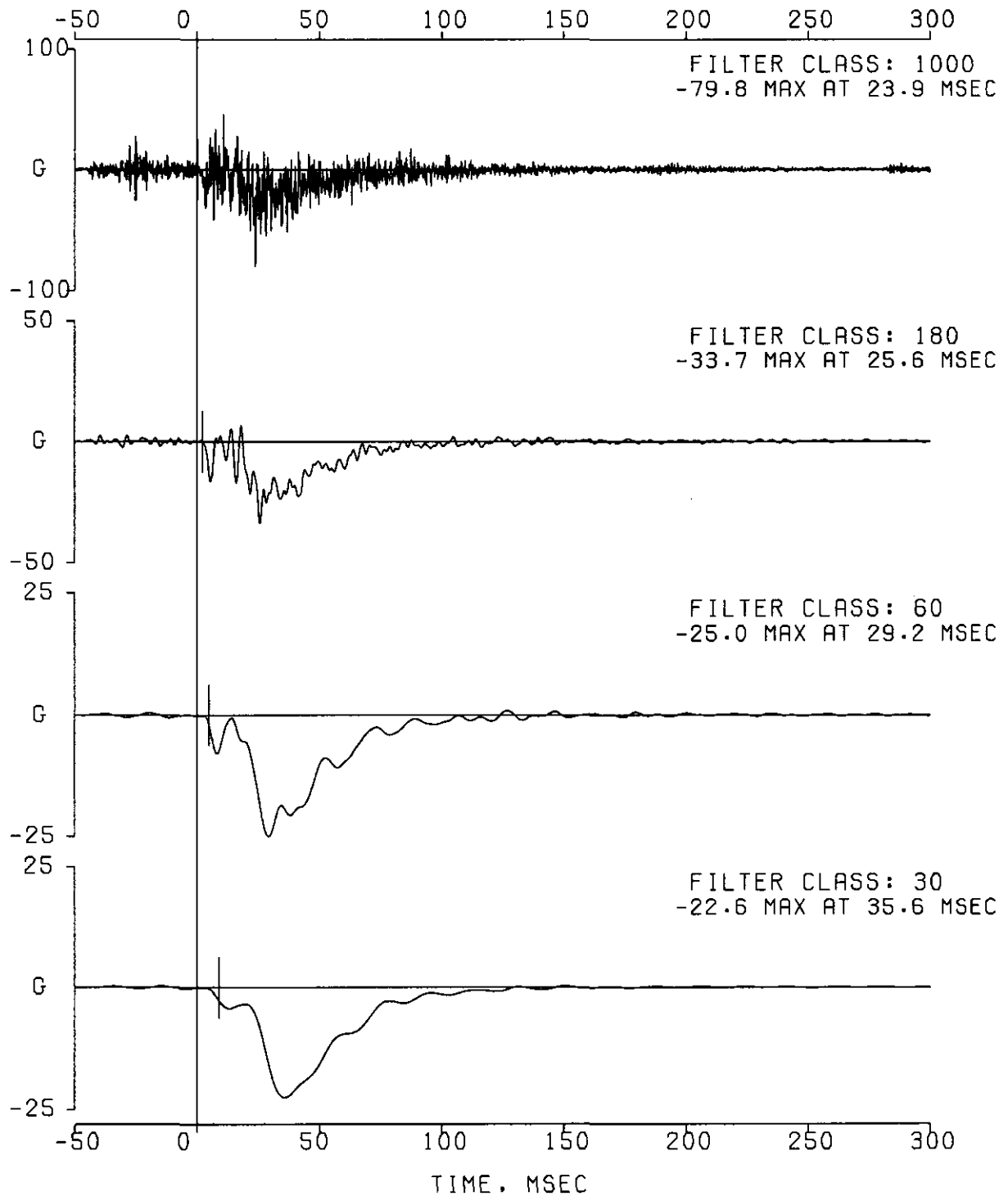
IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BK
ERRATA 1



COMPUTED MPH
COMPUTED IN

EA12-005- Chrysler -002697



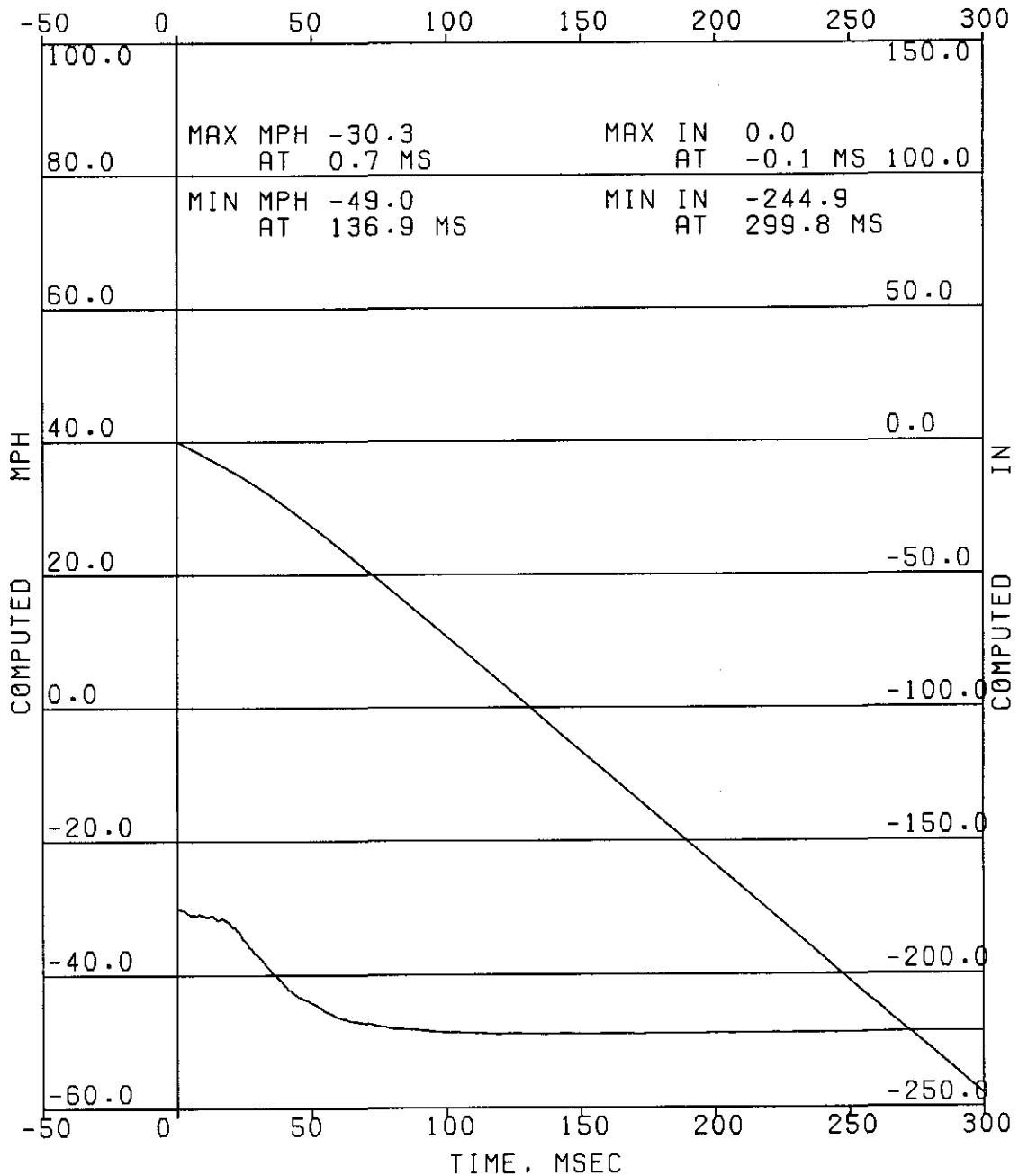
VC08268 30 MPH REAR MOVING BARRIER, KJJ-74 ITEM KJ5033R
2002 MVSS 301 REAR IMPACT DEVELOPMENT.
CHANNEL 066 RT RAIL MBAR MID X 73955

PAGE 074
OF 074

FILTER TYPE: 0BDAS-III RESPONSE CORRECTION, CLASS 1000 FILTER(1650)
FILTER CLASS: 1000

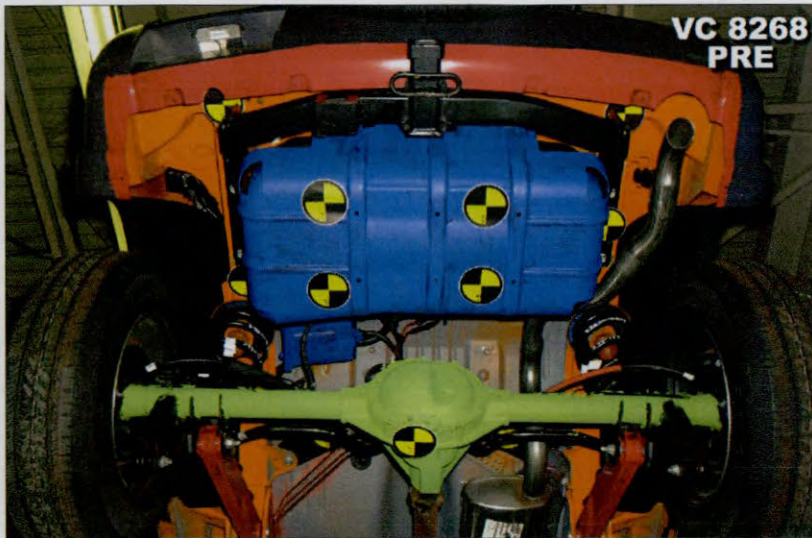
IMPACT ANALYSIS DEPT. 5320
AUG 4,2000

DATA SET 08/03/00BK
ERRATA 1

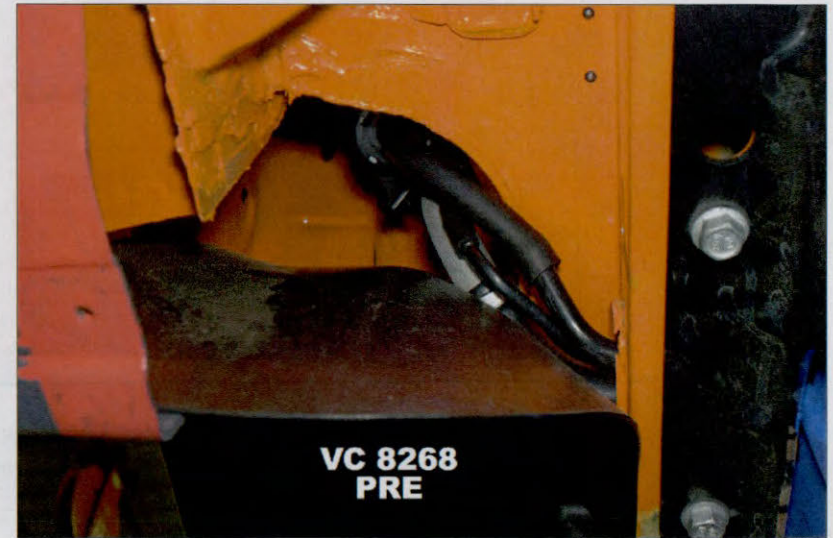


COMPUTED MPH
COMPUTED IN

EA12-005- Chrysler -002699



v08268ae.jpg
162.1 Kb
2000x1312x24(RGB)



v08268af.jpg
107.6 Kb
2000x1312x24(RGB)



v08268ag.jpg
86.3 Kb
2000x1312x24(RGB)



v08268ah.jpg
135.1 Kb
2000x1312x24(RGB)



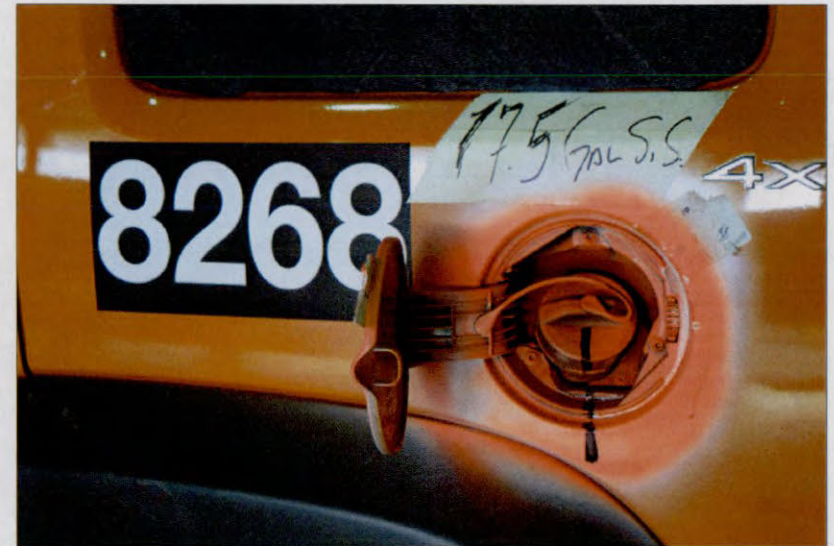
v08268ai.jpg
140.2 Kb
1728x1152x24(RGB)



v08268aj.jpg
149.0 Kb
1728x1152x24(RGB)



v08268ak.jpg
154.1 Kb
1728x1152x24(RGB)



v08268al.jpg
91.3 Kb
1728x1152x24(RGB)



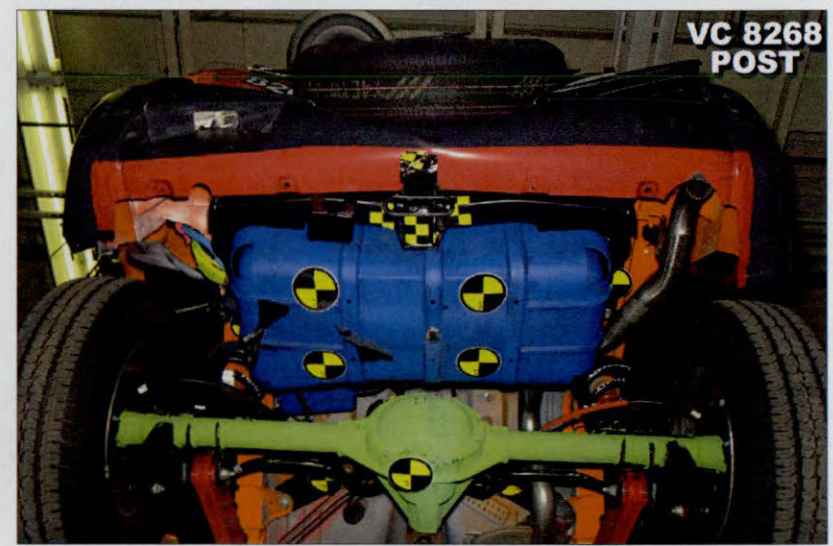
v08268am.jpg
140.5 Kb
1728x1152x24(RGB)



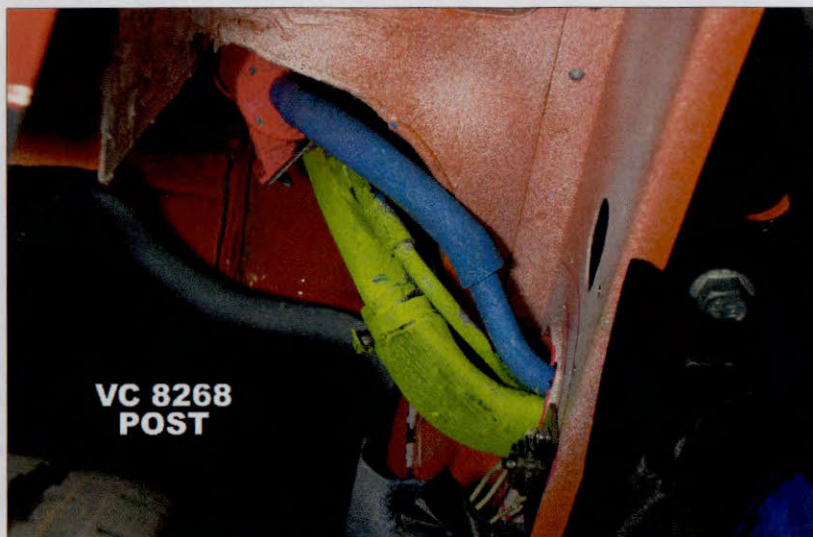
v08268an.jpg
183.0 Kb
1728x1152x24(RGB)



v08268ao.jpg
101.2 Kb
1728x1152x24(RGB)



v08268ap.jpg
156.8 Kb
2000x1312x24(RGB)



v08268aq.jpg
161.4 Kb
2000x1312x24(RGB)



v08268ar.jpg
109.9 Kb
2000x1312x24(RGB)



v08268as.jpg
145.3 Kb
2000x1312x24(RGB)



EA12-005- Chrysler -004740



8268 post

EA12-005- Chrysler -004741

268

17.5 (70L S.S.)

4x4

8268 post

EA12-005- Chrysler -004742

**VC 8268
POST**



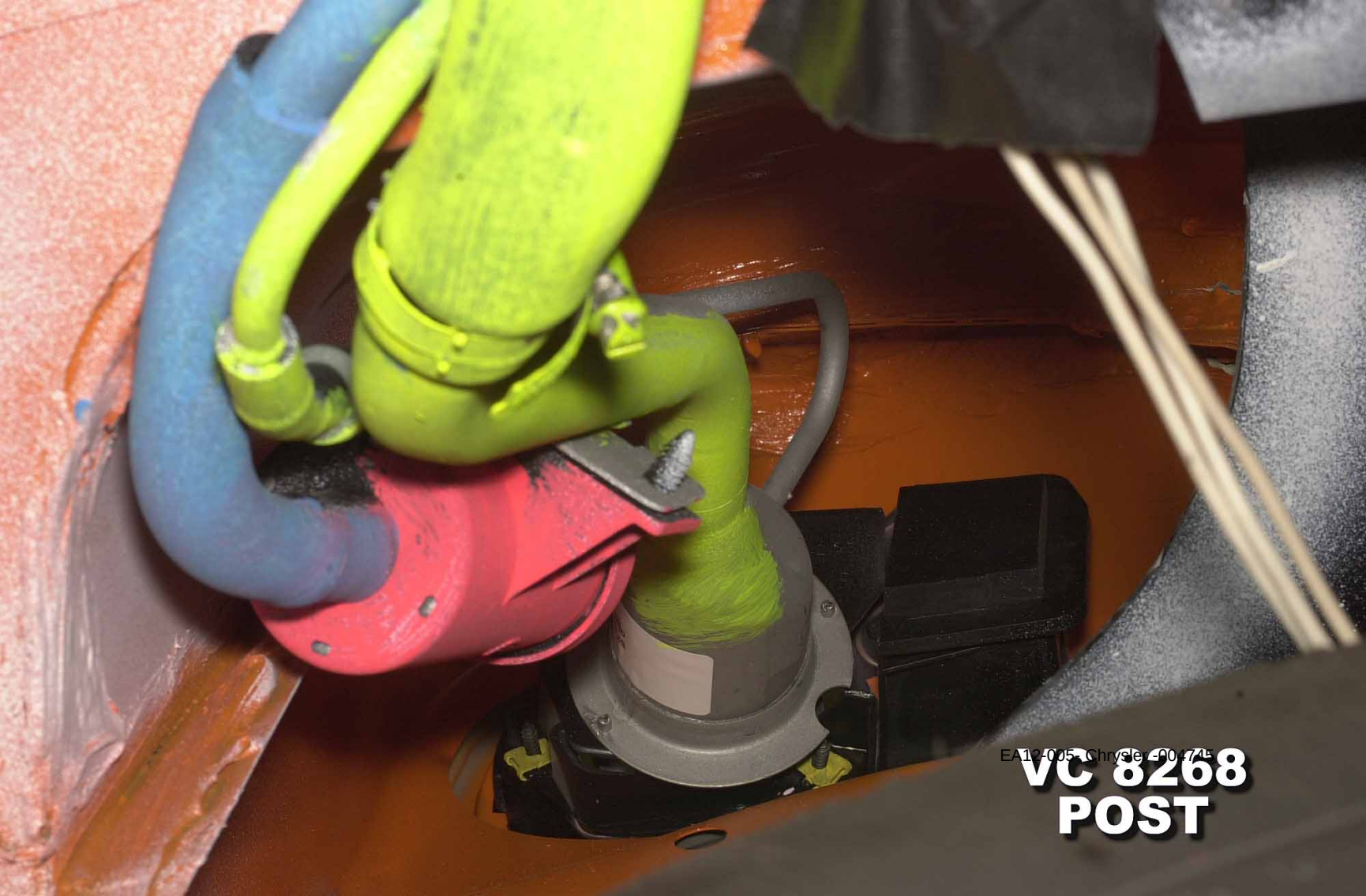
EA12-005- Chrysler -004773



VC 8268
POST

This image shows a close-up of a vehicle's chassis area. A blue cable runs diagonally from the top left towards the center. Below it, a cable is wrapped in bright yellow tape. Both cables are positioned near a red metal mounting bracket. The surrounding area includes a black plastic component on the left, a black rubber floor mat on the right, and various mechanical parts and wiring visible in the background.

EA12-005- Chrysler -00



EA112-005 Chrysler 904745
**VC 8268
POST**

**VC 8268
POST**



EA12-005- Chrysler -004746

EA12-005

CHRYSLER

12-13-2012

Enclosure 6B

301 Developmental Crash
Tests Public

KJ Development Crash Test

VC08286.Photos-PostTest

EA12-005

CHRYSLER

12-13-2012

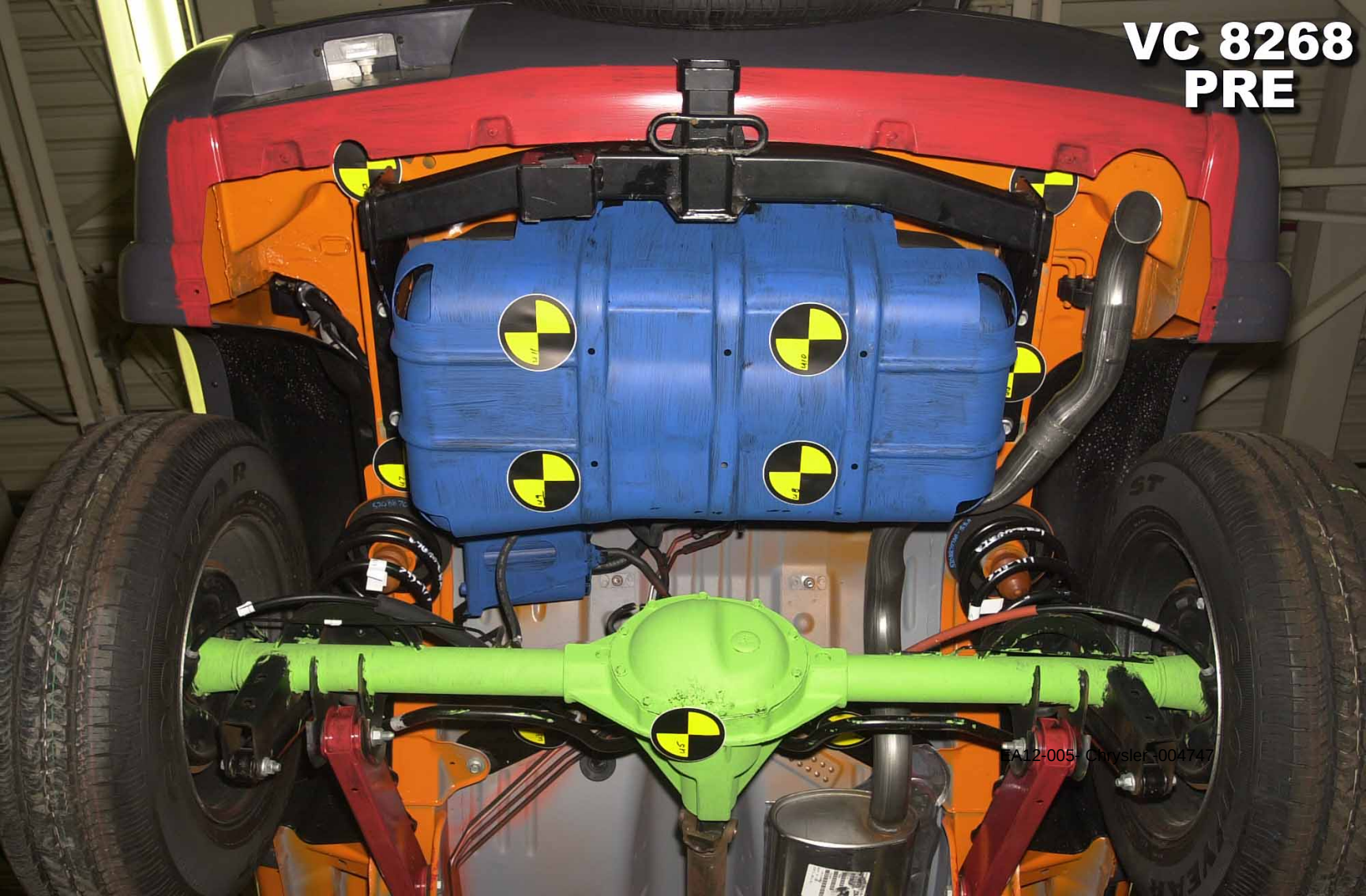
Enclosure 6B

301 Developmental Crash
Tests Public

KJ Development Crash Test

VC08286.Photos-PreTest

VC 8268
PRE



FA12-005- Chrysler_004747



**VC 8268
PRE**

EA12-005- Chrysler -004748

A close-up photograph of a hydraulic hose connection on a yellow piece of heavy machinery. The hose is black and is connected to a metal fitting. The surrounding area is painted yellow, with some paint chipped away, revealing the underlying metal. A metal plate is visible in the foreground, partially obscuring the view.

**VC 8268
PRE**

8268

VC 8268
PRE

EA12 Chrysler -004750



EA12-005- Chrysler -004751

8268 pre



EA12-005- Chrysler -004752

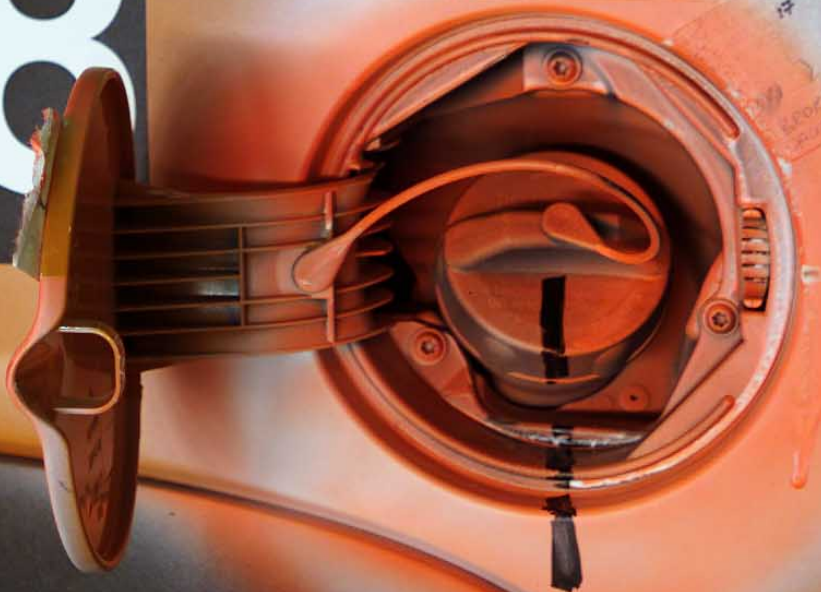


EA12-005- Chrysler -004753

8268

7756 ML S.S.

4x



EA12-005- Chrysler -004754