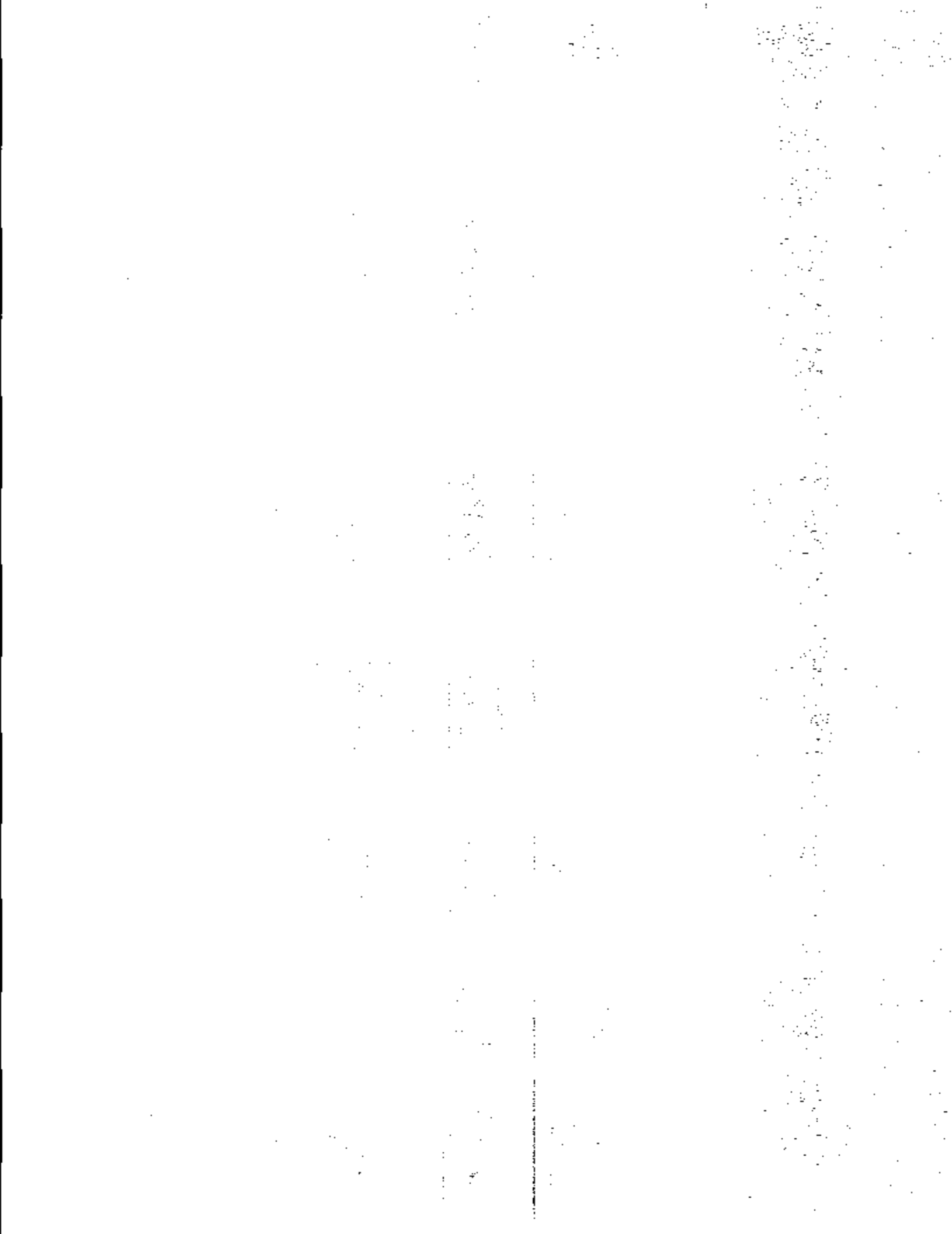




Notes:
 Numbers 39, 40, and 41 (TUE15, TUE16, TUE17) are all signals that are initiated by TDM location equipment the day of the Comb. This occurs from a control location shared by vehicle assemblies.

Side Impact Dummy Positioning Sheet

Crash Number	13889	
T.O.	JB6310	
Test Date	4/24/02	
Test Mode (i.e. 301, 214, Euro, LINGAP, etc)	L201 Sensor (Fols)	
Model Year		
Program Name	BN114	
Dummy Location (L/F/R/T, etc)	L/F	
Dummy Serial Number	134	
Seatback Angle - Pkg Lab (Degrees)	30	
Seatback Angle - Actual (Degrees)	24.7	
Dummy to Interferometer H-pt Long (+/- 0.5 inch required) (inch)	-2	
Dummy to Interferometer H-pt Vert (+/- 0.5 inch required) (inch)	0	
H-Point to Door Striker Long (inch)	8	
H-Point to Door Striker Vert (inch)	-4.3	
H-Point to Ground (vertical) (inch)	23.2	
Pelvis Angle (Degrees)	23	
Head to Upper Steering/ Headrest (shortest) (inch)	14.7	
Head C.G. to Striker Long (inch)	3.8	
Head C.G. to Striker Vert (inch)	22	
Head C.G. to roof side rail (shortest) (inch)	5.4	
Head C.G. to window (internal) (inch)	11.1	
L/Neck to H/Seatback (shortest) (inch)	4.8	
R/Neck to H/Seatback (shortest) (inch)	4	
Abdomen to lower steering/seatback (shortest) (inch)	6.7	
Pelvis centerline to Vehicle centerline (internal) (inch)	18	
Chest centerline to Vehicle centerline (internal) (inch)	18.1	
Seat centerline to Vehicle centerline (internal) (DA) (inch)	18	
Chest to Beltline (internal, shortest) (inch)	4.8	
Pelvis to H-Point (internal) (inch)	8.8	
Pelvis to nearest inboard hard point (internal) (inch)		
Head Angle		
Chest Angle		
Head C.G. to H-Point Angle		
L/R Wheel lip height (vertical to ground) (mm)	30.73	
R/R Wheel lip height (vertical to ground) (mm)	30.5	
L/R Wheel lip height (vertical to ground) (mm)	29	
R/R Wheel lip height (vertical to ground) (mm)	30 1/16	
Top of Barrier to Ground (inch)		
Impact Mark Relative to Target Front (X) (mm)		
Impact Mark Relative to Target Front (Z) (mm)		
Impact Mark Relative to Target rear (X) (mm)		
Impact Mark Relative to Target rear (Z) (mm)		

Run Number	Channel	Location Description	Axis	Transducer	Bridge	Cable 2	Cable 1	DAS Unit	DAS Chan	Se	TO Number
12863	52	C TUNNEL DASH TAK3 #9C		ST001	1		BSV-4	MD32014	12		JB5310
Exceeded Full Scale From: 27 ms To: 31 ms Data is Unusable Cause: Other Process Fault Details: DAV cannot											
12863	55	TIME ZERO TAKATA TAK 14 #38		SH009	9		HTX-4	MD32012	4		JB5310
Exceeded Full Scale From: 15 ms To: 171 ms Data is Unusable Cause: Other Process Fault Details: DAV cannot											
12863	57	TAK 16 #40		ST001	5		HTX-2	MD32012	2		JB5310
Exceeded Full Scale From: 26 ms To: 129 ms Data is Unusable Cause: Other Process Fault Details: DAV cannot											
12863	74	C/L TUNNEL STW SEATE #10	LAT	50863	1		DCU-3	MD32002	19		JB5310
Data Dropout From: 61 ms To: 546 ms Data is Unusable Cause: Cable Pinched No Fault											
12863	96	RIGHT/B-PLA IN # MID SE #31	VERT	43611	1		CHA-3	MD32002	15		JB5310
No Data From: -78 ms To: 546 ms Data is Unusable Cause: Intermittent Cable Equipment Fault											



FINAL TEST REPORT

Vehicle Evaluation and Verification
Research and Vehicle Technology

CONFIDENTIAL

"RECORD COPY"Schedule No. 7-7-12Retain Until 2022

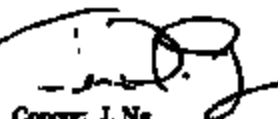
TO: B. Frank

Test Order No.	J-86853
Work Task W.O. No.	J25
Test Dates	7/31/02
Date Reported	11/25/02
Sheet	1 of 4

SUBJECT: Crash Test 13025 (90° Left Side Fixed Pole Impact at 12.8 ± 0.4 mph, 20.6 ± 0.6 km/h) - 2003 Crown Victoria (EN-114) 4-Door Sedan

REQUESTED BY: Vehicle Crash Safety Department, Research and Vehicle Technology - B. Frank

OBJECT: To obtain development data relative to air bag system sensors.

SUMMARY OF
TEST RESULTS: See Section 1 for air bag system sensor data.M. Foster
Test Development EngineerConcur: J. Ng
Section Supervisor
Operations Engineering Section

CRIS 0013025

J-B6853

C-13025

Sheet 2

VEHICLE DATA

Make and Model	2003 Crown Victoria (EN-114) 4-Door Sedan (EPT Prototype)		
ID Numbers	2FAHP71WJ3X100029 294-H-148		
Power Train	4.6L, EPL, Automatic (4R70W) Transmission		
Fuel Tank(s)	Usable Capacity: 19.0 gal. (71.9L) Test Condition: Filled with water for ballast.		
Frost Seat(s)	Type: Bucket Cover: Cloth Tracks/Position: Power/2" Forward of Mechanical Mid and Down Seat Backs/Position: Adjustable/18.0° Rear of Vertical at Hmdrest Head Restraints/Position: Adjustable/Up		
Restraint System	LF: 3-Point Continuous Loop Active Belt and Seat Back Side Air Bag Seatbelt remain latched during impact.		
Occupants	LF: SID/Hybrid III Instrumented Dummy		
Test Weight	Front: 2296 lb (1041 kg) Rear: 2378 lb (1079 kg) Total: 4674 lb (2120 kg)		
Tires	Front: P225/60R16 Rear: P225/60R16 Spars: Removed	32 psi (221 kPa) 32 psi (221 kPa)	
Significant Content or Accessories	Air Conditioning, Power Steering, Power Brakes, Tilt Steering Wheel		

GENERAL TEST COMMENTS:**1. Test Procedure**

The test was performed according to the following regulations, test protocols and the Corporate test procedure's:

- . Non-regulator crash test procedure, CBP-3 dated April 16, 1998.
- . FMVSS 201 Occupant Protection in Interior Impact, dated December 14, 1999.

1.1 Deviations

The fuel system did not contain stoddard.

1.2 Vehicle Alignment

The test vehicle impacted an 10 inch diameter steel pole structure, rigidly attached to the barrier face. The vertical steel pole was aligned so that the point of vehicle impact was near the test dummy's left front head center of gravity.

2. Remarks

Crash movies, pre- and post- crash still images of the test vehicle and copies of this report are available through the Operations Engineering Section, Safety Laboratories Department, VEV. The crash still images are stored and archived on CD ROMs. The file names of the still images are listed under crash number and a three digit sequence number which are 13025001 through 13025045.

J-B6853

C-13025

Sheet 4

TEST RESULTS:**1. Occupant Protection in Interior Impact****L. F. Dummy****Head Injury Criteria (HIC)**

Interval t1

t2

70

70 ms

99 ms

Time histories of the dummy instrumentation are archived on a storage media under the crash number/and or the test authorization number.

Time histories of the air bag/sensor(s) are archived on a storage media under the crash number/and or the test authorization number.

Time histories of the dummy dynamic displacements obtained from Film Analysis are archived on a storage media under the crash number/and or the test authorization number.

Time histories of any requested derived data (i.e. integrations, etc.) were given to the requesting activity and are not included in this report.

2. Vehicle Displacement and Instrumentation Data

Time histories of the vehicle accelerations and other instrumentation are archived on a storage media under the crash number/and or the test authorization number.

Time histories of the vehicle dynamic displacements obtained from Film Analysis are archived on a storage media under the crash number/and or the test authorization number.

Static displacements of various body points obtained by Dimensional Analysis are included in this report.

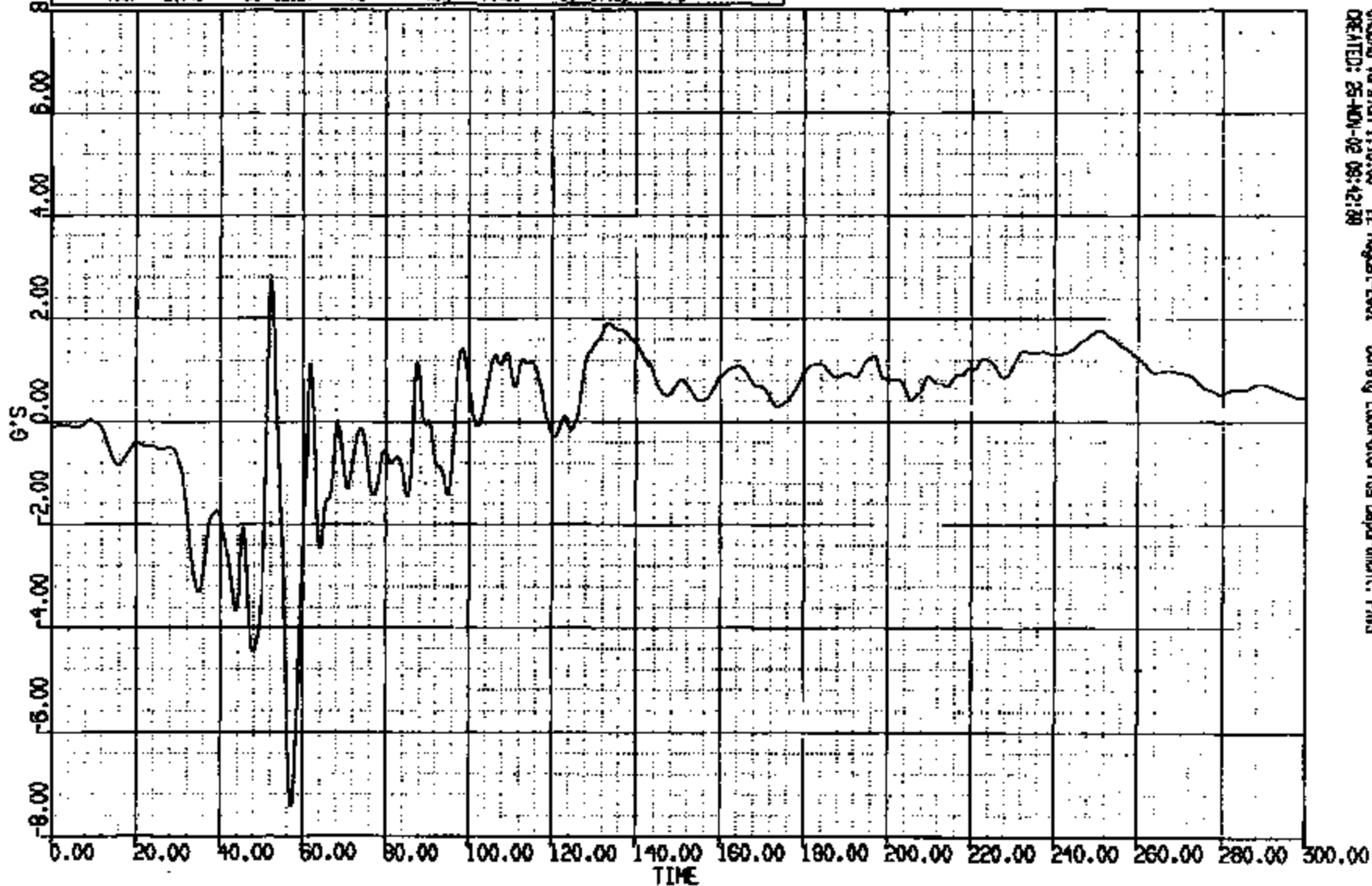
Time histories of any requested derived data (i.e. integrations, etc.) were given to the requesting activity and are not included in this report.

SB R: 13025 TO: JB6655 DATE: 31-JUL-2002 15:51:55
2003 EN114

(97) SB13025T R/ROCKER @ FRONT SEAT MID VERT GCM

MAX = 2.740 at 52.24 MS MIN = -7.463 at 57.28 MS

AXIS 1



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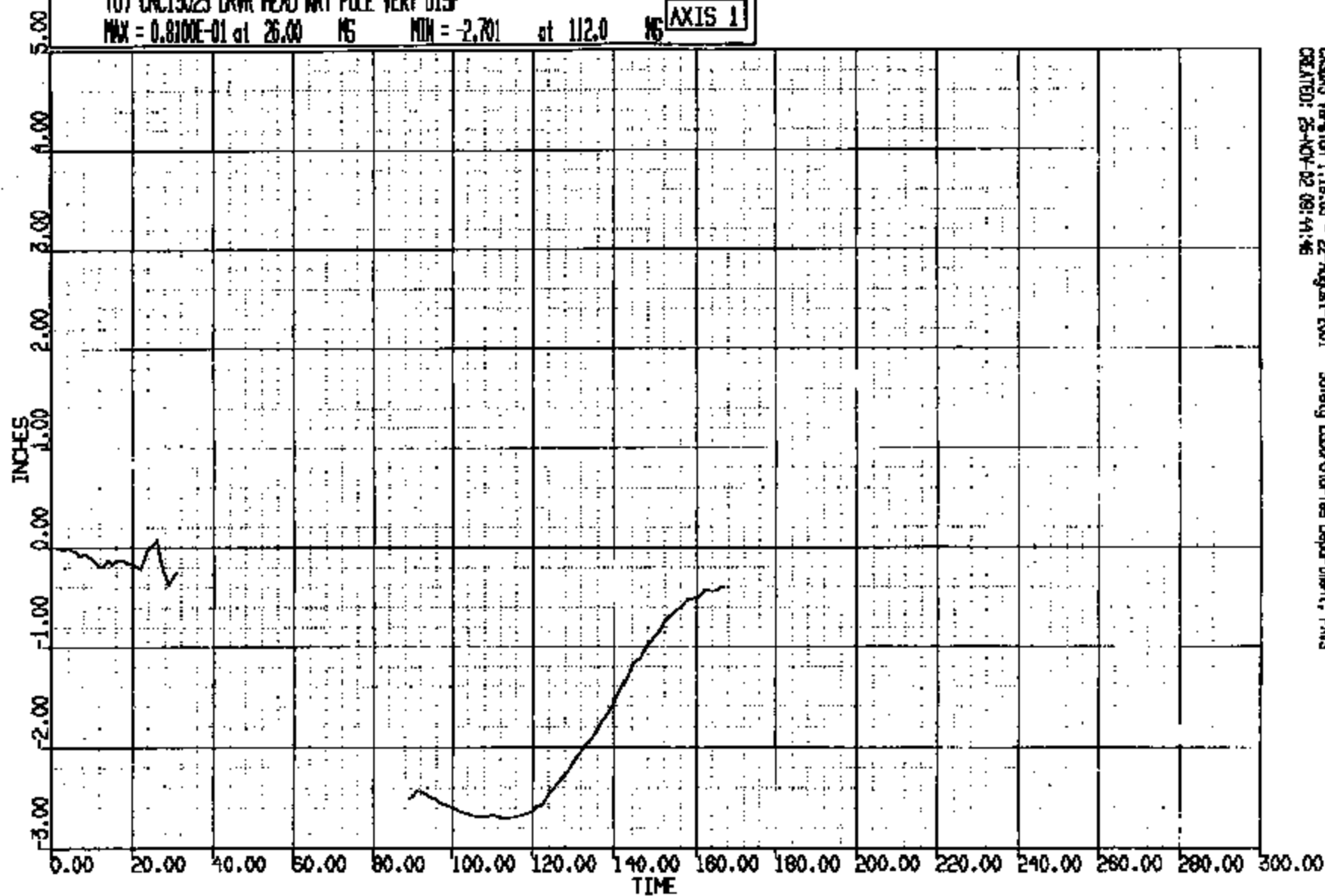
CRIS 0013025

SB R: 13025 TO: J68853 DATE: 31-JUL-2002 13:31:33
2003 EN114

(0) CRC13025 DRVR HEAD WRT POLE VERT DISP

MAX = 0.8100E-01 at 26.00 MS MIN = -2.701 at 112.0 MS

AXIS 1



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
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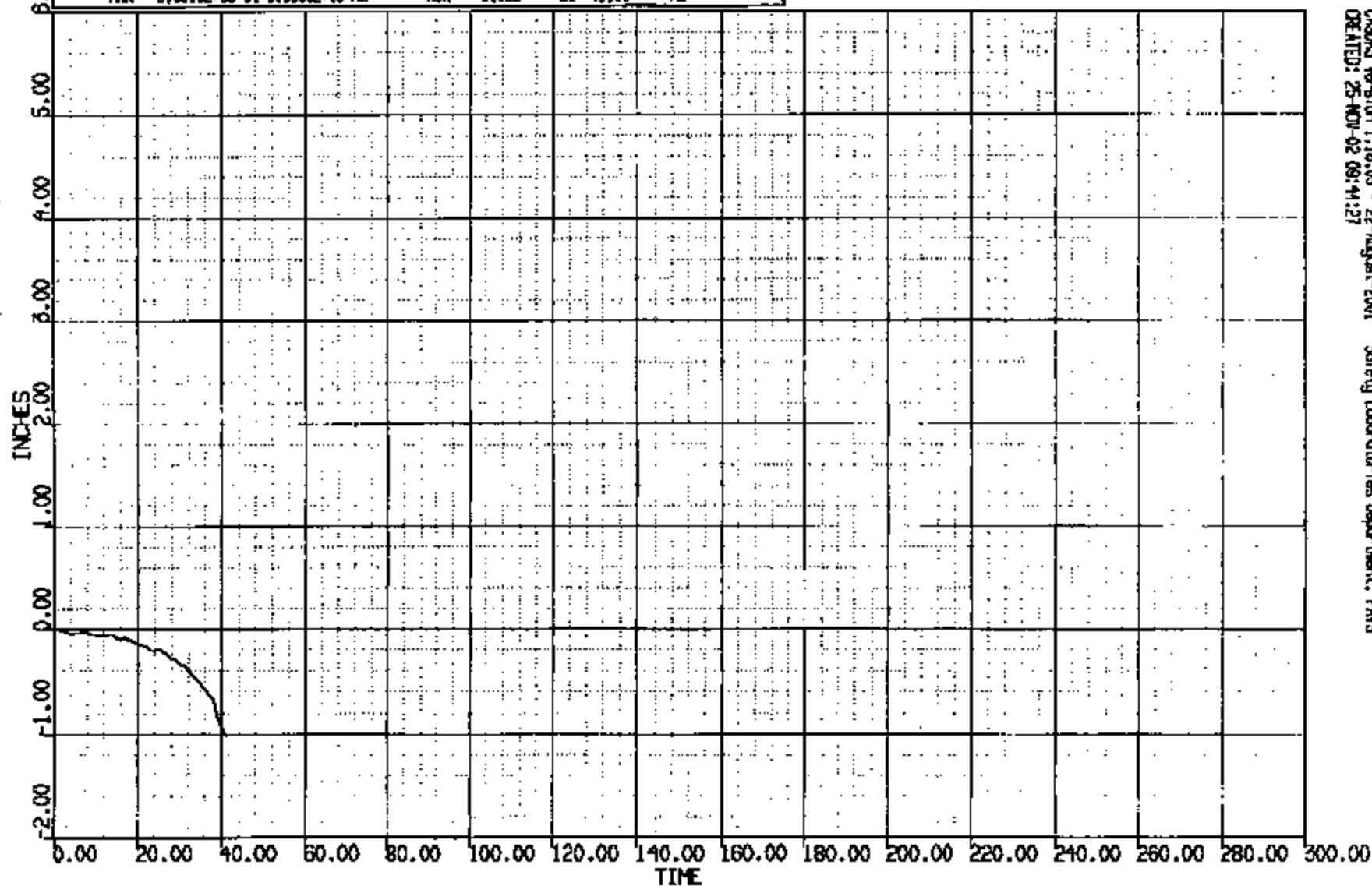
SB R: 13025 TD: JB8853 DATE: 31-JUL-2002 13:51:53
2002 EN114

(0) CRCL3025 DRIVER HEAD WRT ROOF CL AT A PLR LAT DISP

MAX = 0.0000E+00 at 0.0000E+00 MS

MIN = -1.022 at 41.00 MS

AXIS 1



CASAS Version 1.18.03 - 22 August 2001
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Safety Laboratories Department, PHS

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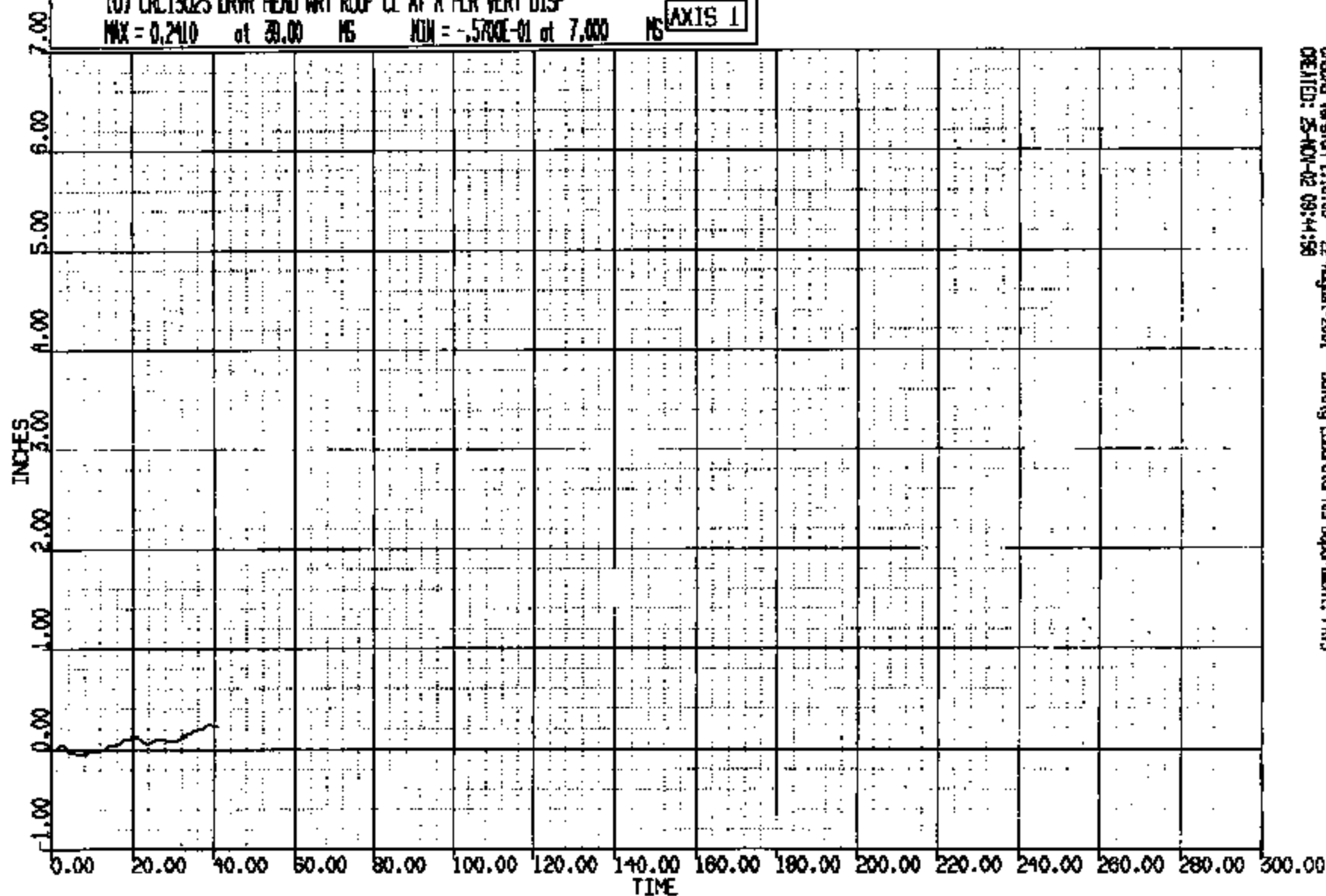
CRIS 0013025

SB R: 13025 TO: JB6853 DATE: 21-JUL-2002 13:51:53
2003 EN114

(0) CRC13025 DRVR HEAD WRT ROOF CL AT A FLR VERT DISP

MAX = 0.2410 at 39.00 MS MIN = -5.700E-01 at 7.000 MS

AXIS 1



CASAS Version 1.18.03 - 22 August 2001 Safety Laboratories Department, PHVS
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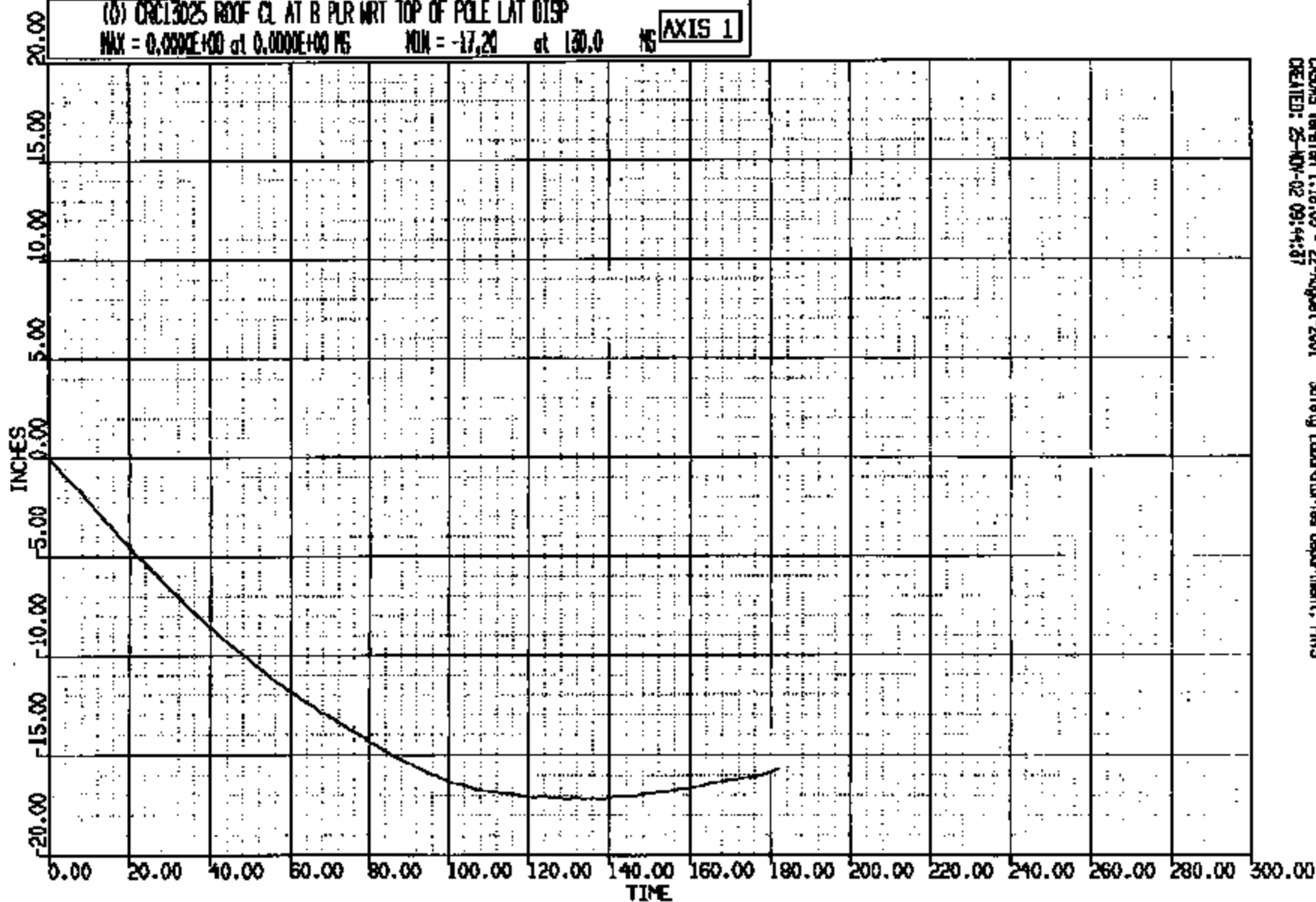
SB R: 13025 TO: J98953 DATE: 31-JUL-2002 13:51:53
2005 EN114

(3) CRCL3025 ROOF CL AT B PLR WRT TOP OF POLE LAT 01SP

MAX = 0.0000E+00 at 0.0000E+00 MS

MIN = -17.20 at 130.0 MS

AXIS 1



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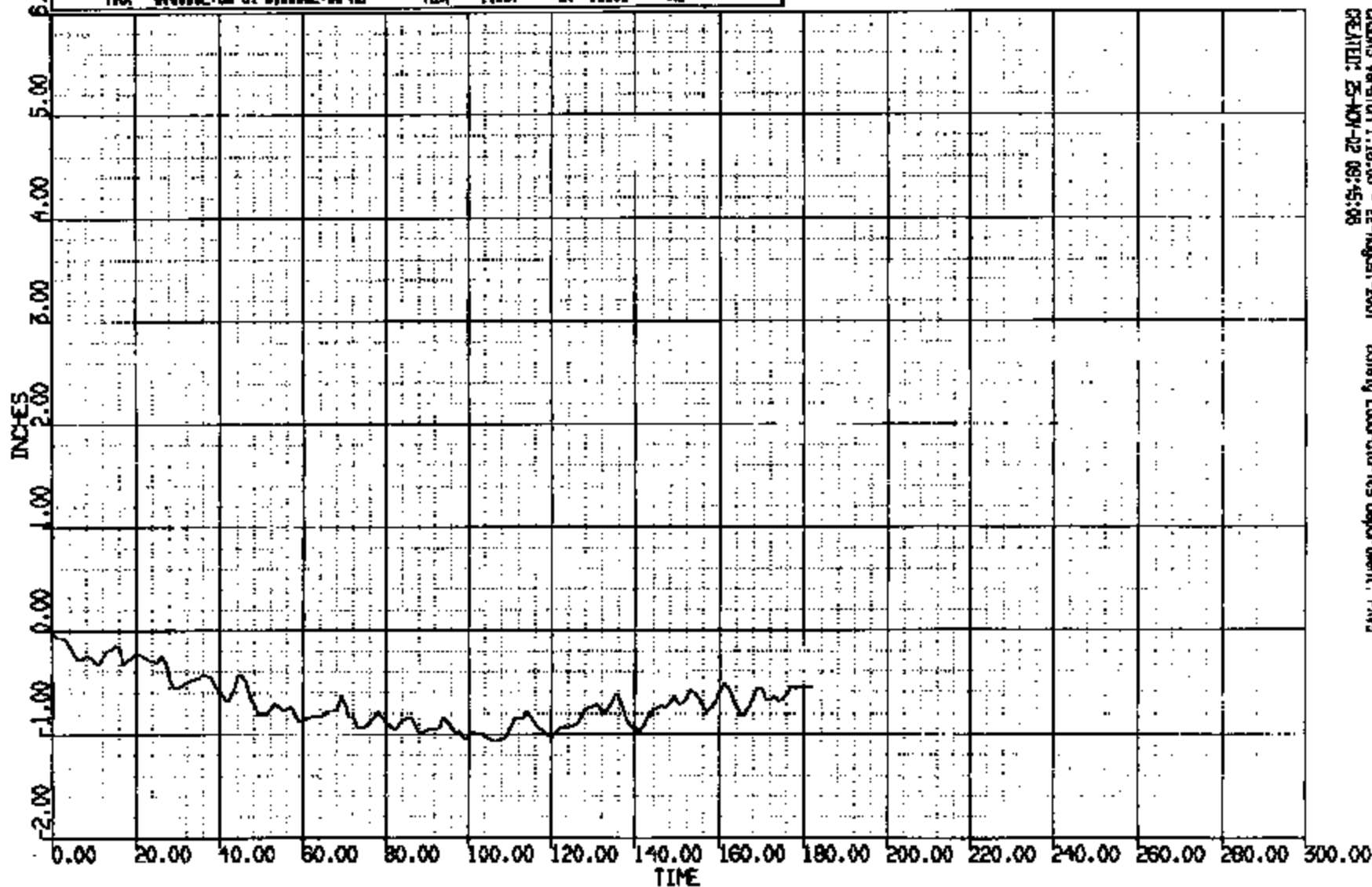
SB R: 13025 TO: J88853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(0) CR013025 ROOF CL AT B FLR WRT TOP OF POL LONG DISP

MAX = 0.0000E+00 at 0.0000E+00 MS

MIN = -1.057 at 106.0

MS **AXIS 1**



CRS013025 Version 1.18.08 - 22-August-2001
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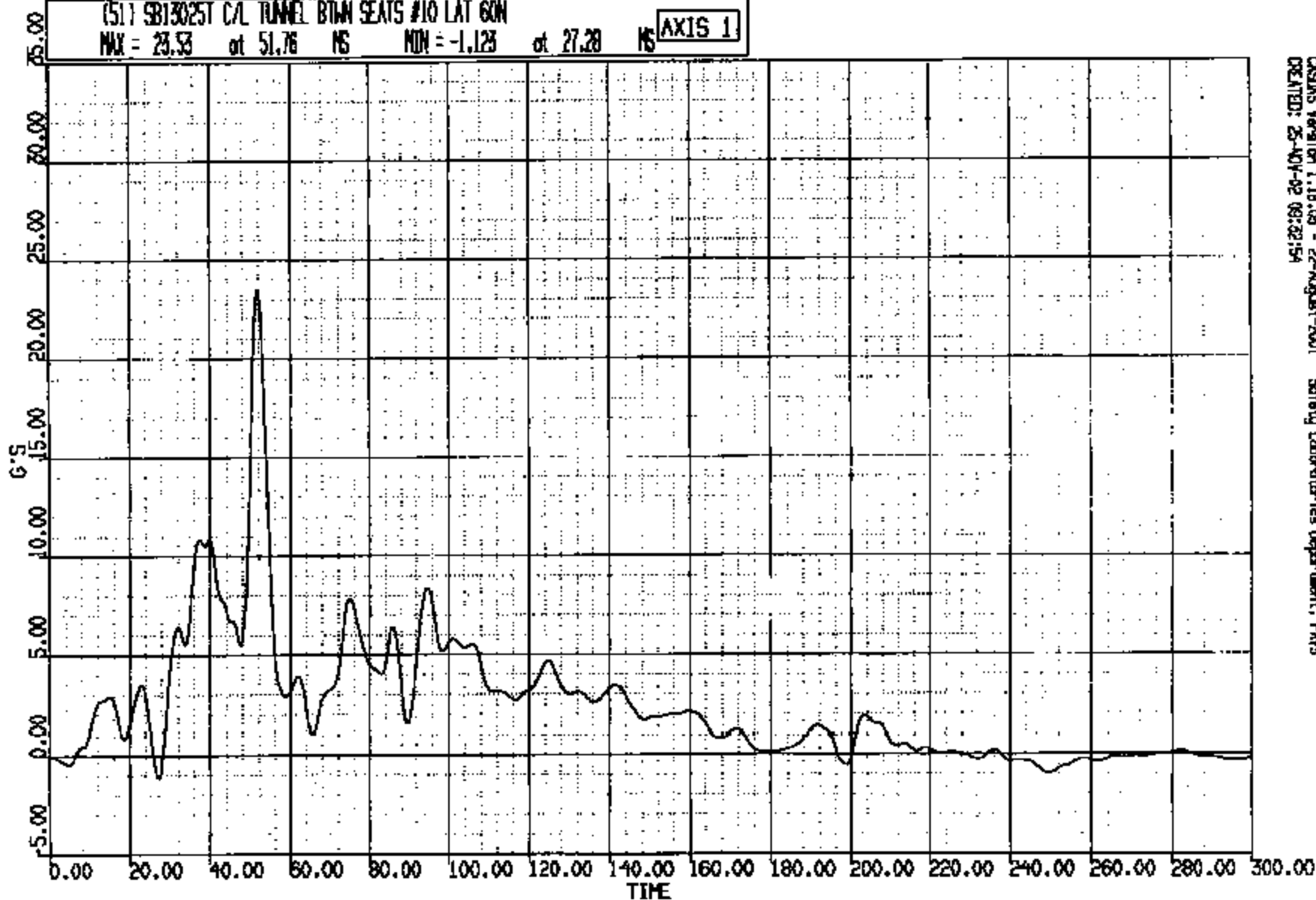
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SB R: 13025 TO: JB6853 DATE: 31-JUL-2002 12:51:53
2008 EN114

(51) SB13025T C/L TUNNEL BTM SEATS #10 LAT 60N

MAX = 23.53 at 51.76 MS MIN = -1.123 at 27.28 MS

AXIS 1



CASINS Version 1.1B.03 - 22-August-2001 Safety Laboratories Department, PMS
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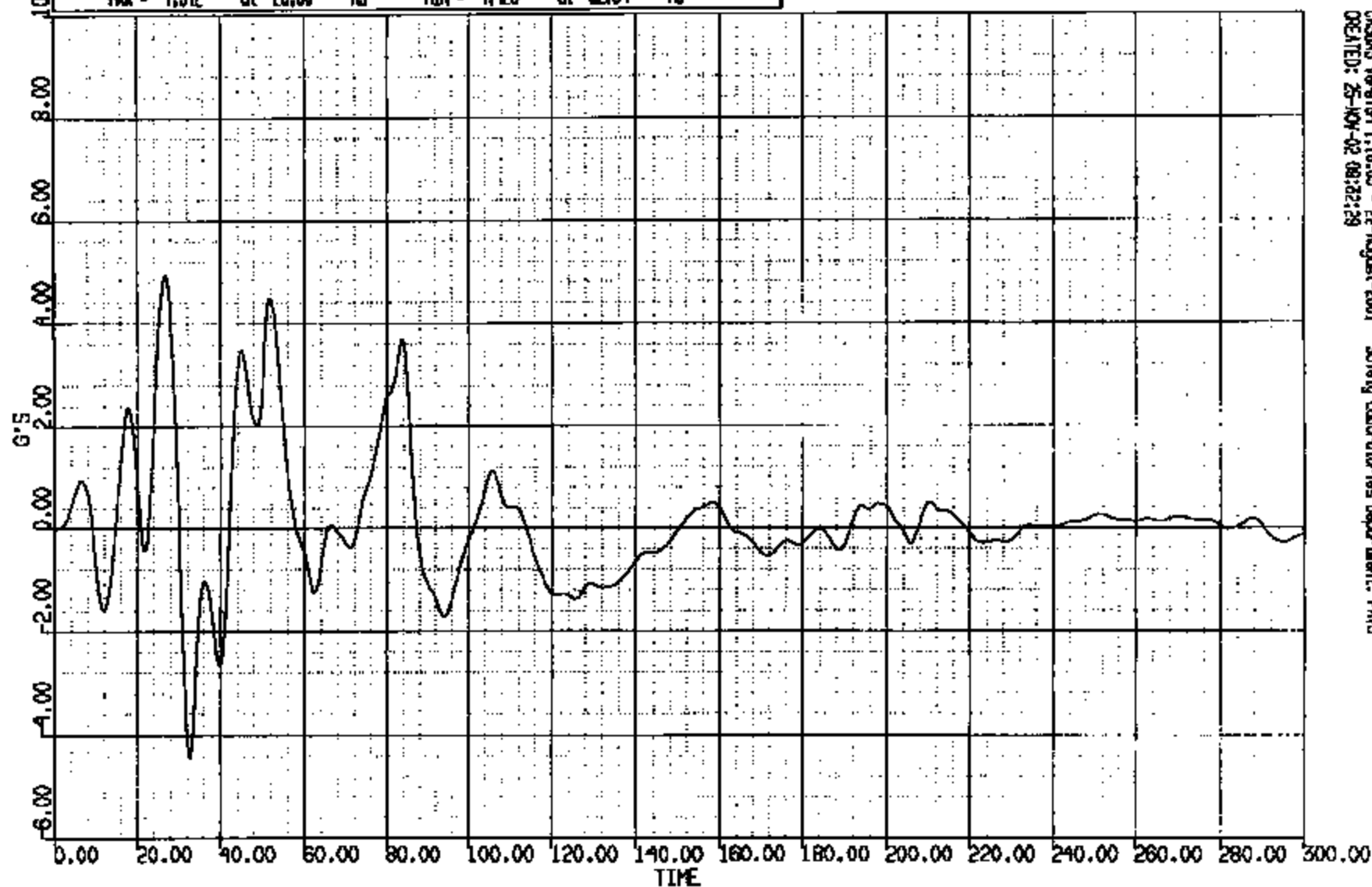
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2003 EN114

(49) SB13025T C/L TUNNEL BTWN SEATS #10 LONG 60W

MAX = 4.912 at 26.80 MS MIN = -4.426 at 32.64 MS

AXIS 1



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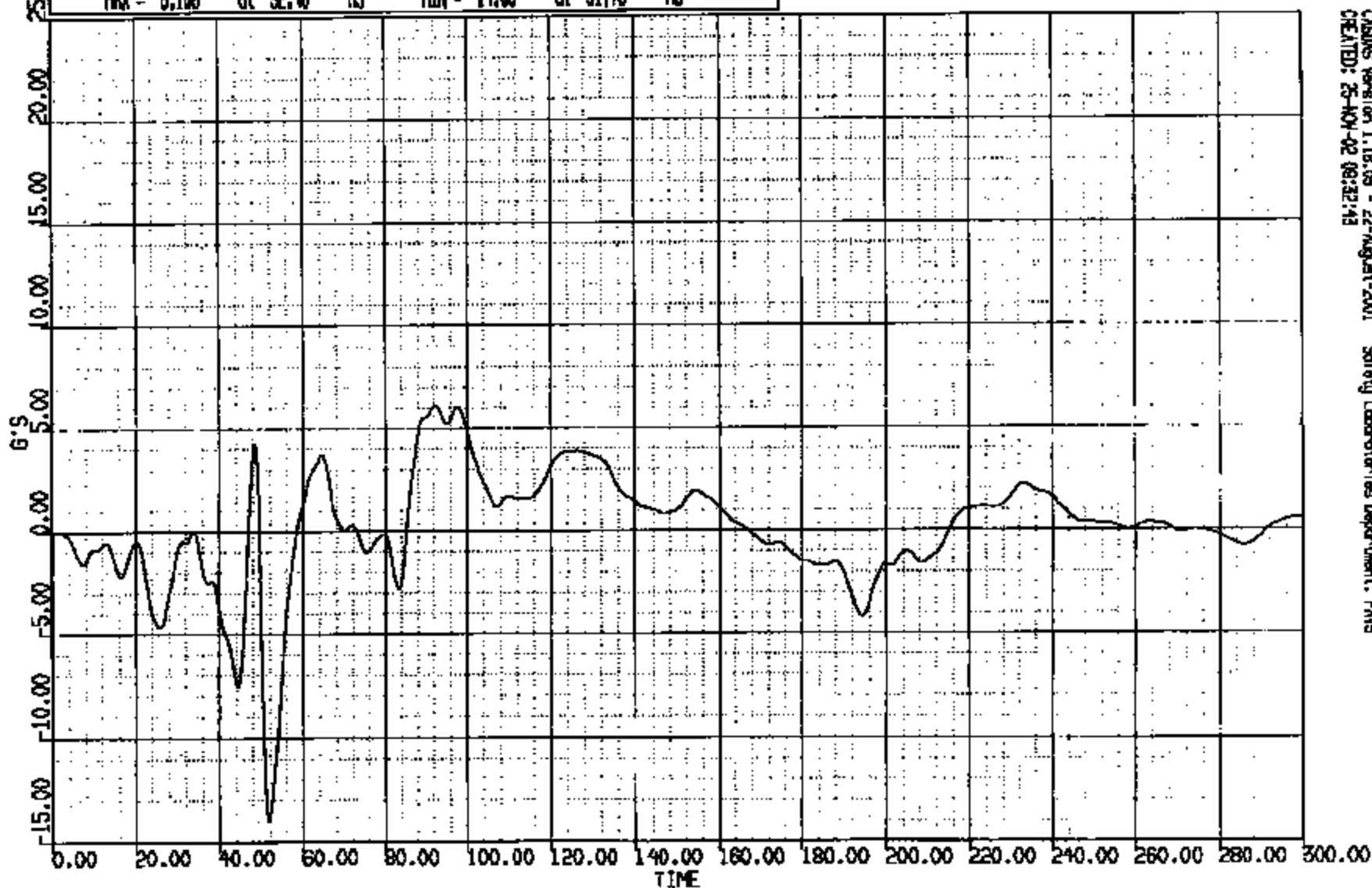
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SB R: 13025 TO: JB6633 DATE: 31-JUL-2002 13:51:53
2003 EN114

(50) SB13025T C/L TUNNEL BTM SEATS #10 VERT GON

MAX = 6.108 at 92.40 NS MIN = -14.06 at 51.76 NS

AXIS 1



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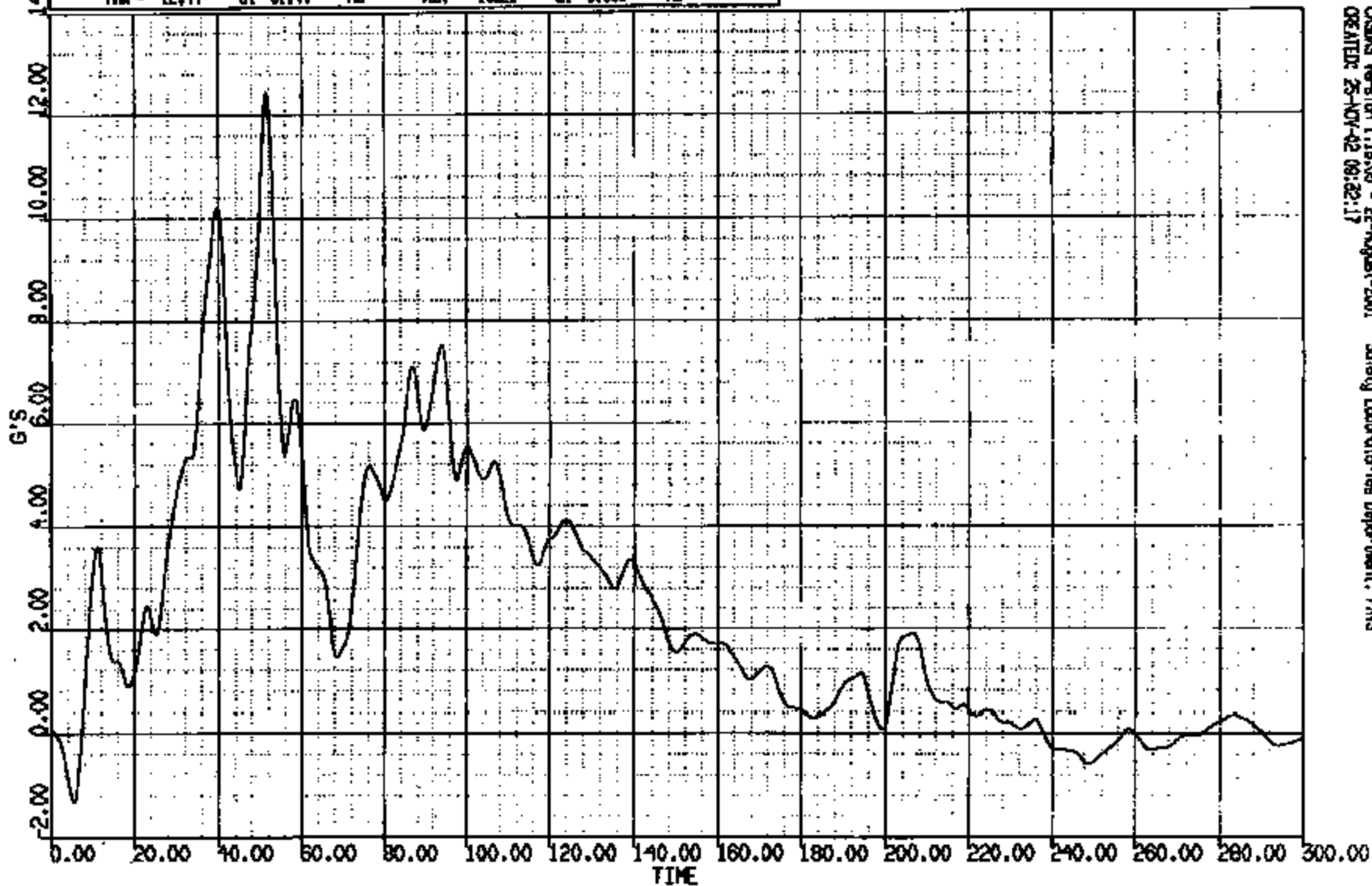
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2008 EN114

(48) SB13025T C TUNNEL @ DASH ROM #6 LAT 60N

MAX = 12.44 at 51.44 MS MIN = -1.320 at 5.360 MS

AXIS 1



CSIMS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
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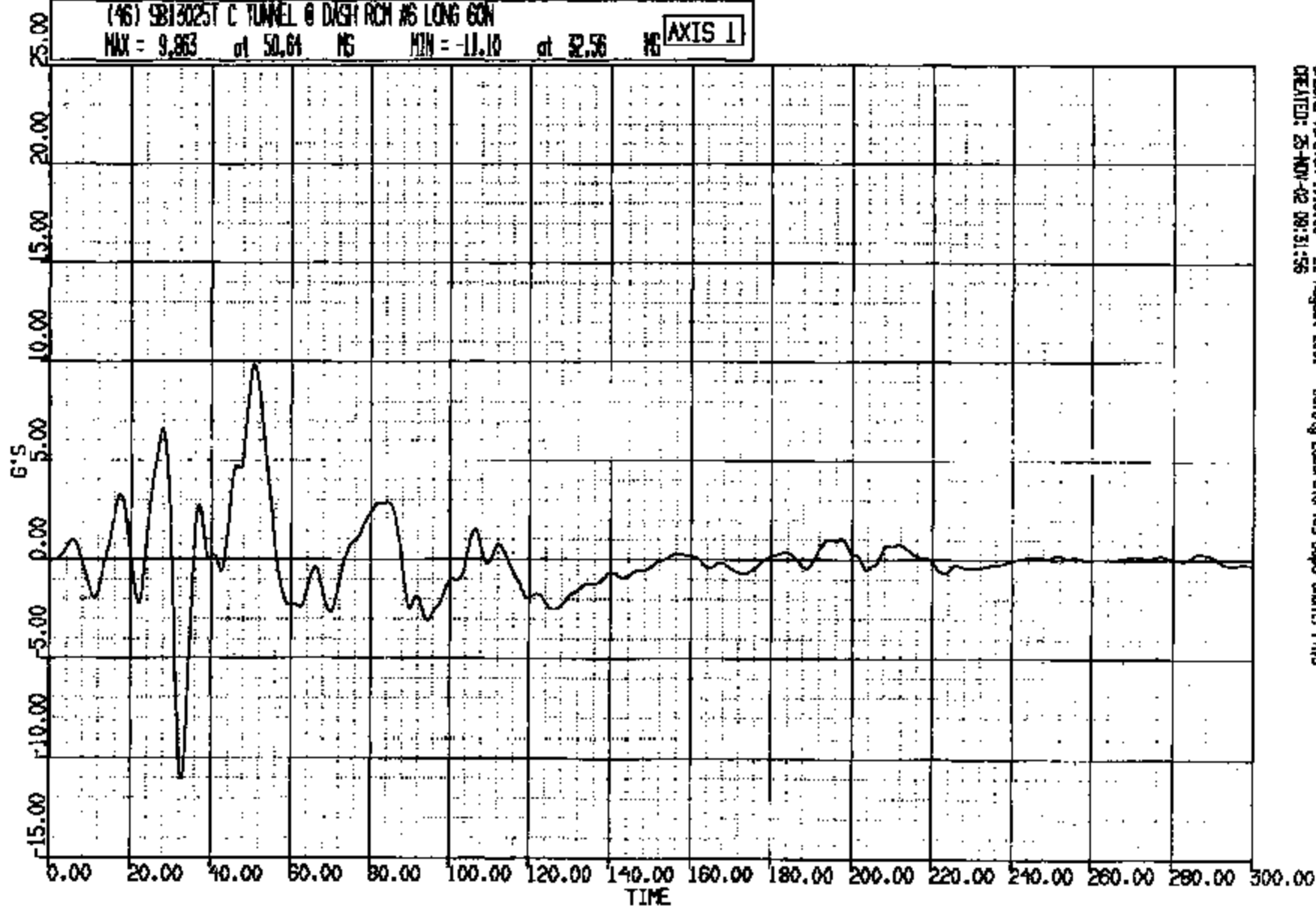
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2003 EN114

(46) SB13025T C TUNNEL @ DASH RCH #6 LONG 60N

MAX = 9.863 at 50.64 MS MIN = -11.10 at 32.56 MS

AXIS 1



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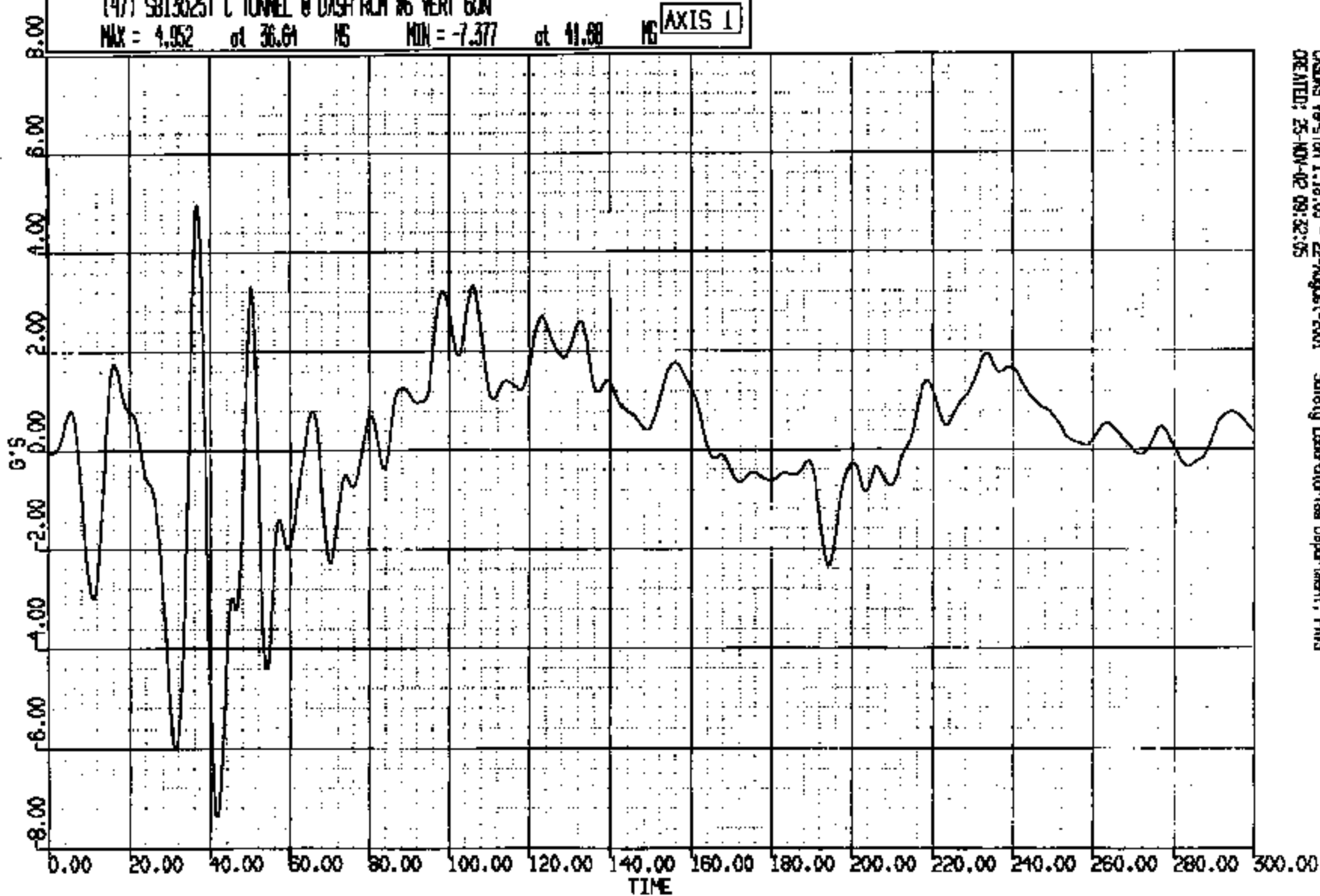
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2008 EN114

(47) SB13025T C TUNNEL @ DASH ROM #6 VERT 60N

MAX = 4.952 at 36.64 MS MIN = -7.377 at 41.68 MS

AXIS 1



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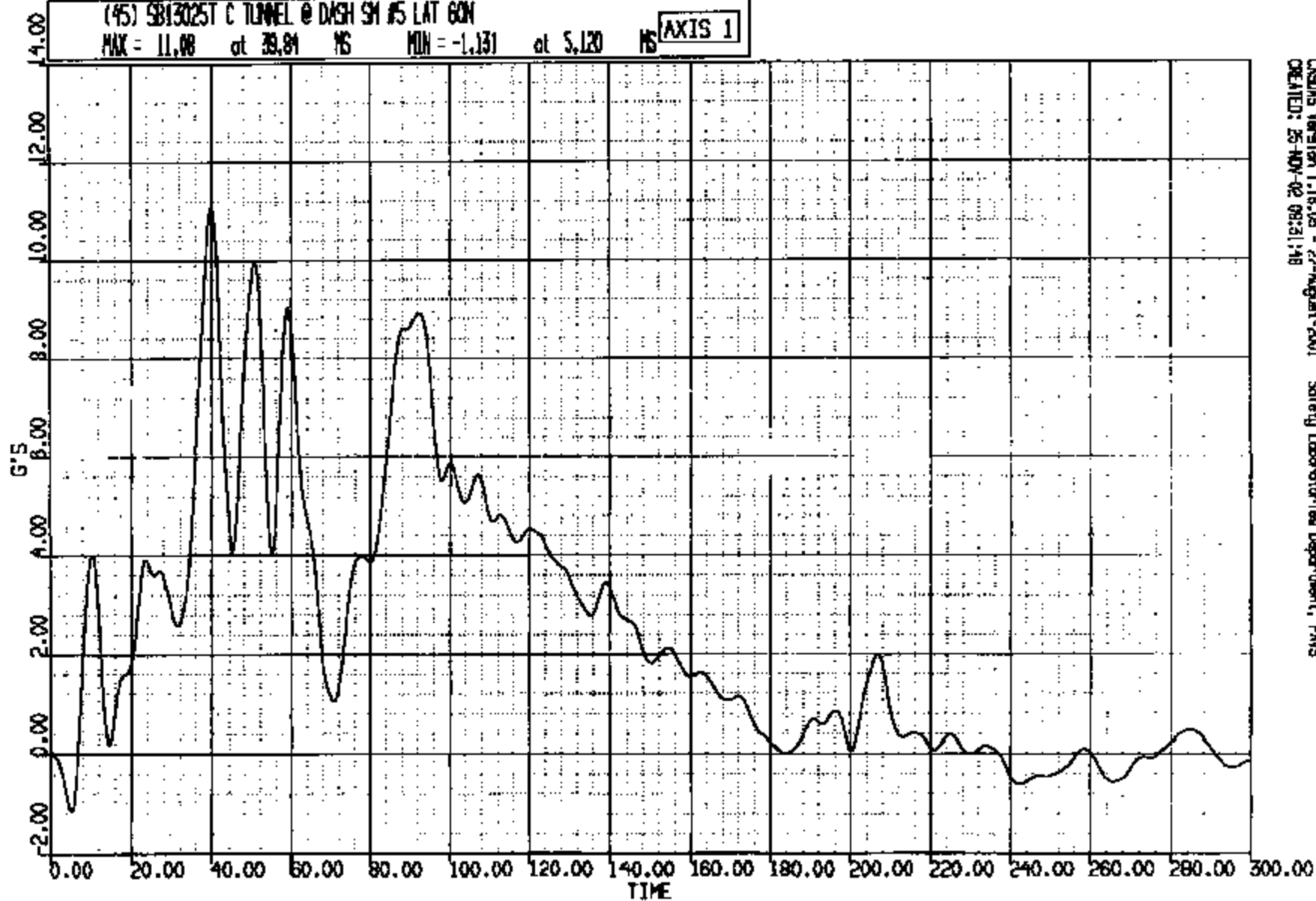
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2003 EN114

(45) SB13025T C TUNNEL @ DASH SH #5 LAT 60N

MAX = 11.08 at 39.81 MS MIN = -1.131 at 5.120 MS

AXIS 1



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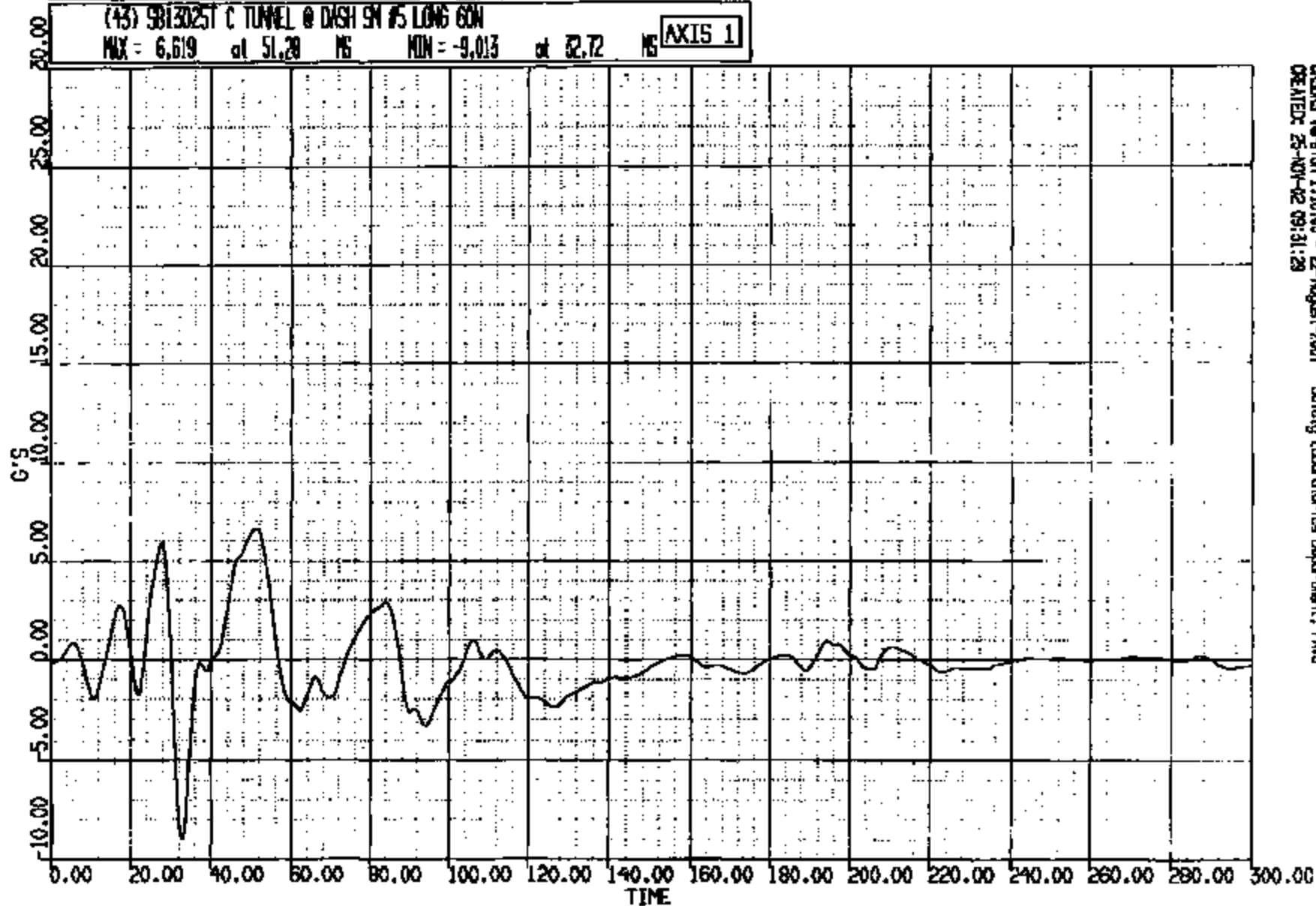
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SB R: 12025 TO: J86933 DATE: 31-JUL-2002 13:51:53
2003 EN114

(43) 9813025T C TUNNEL @ DASH SN #5 LONG 60N

MAX = 6.619 at 51.20 MS MIN = -9.013 at 32.72 MS

AXIS 1



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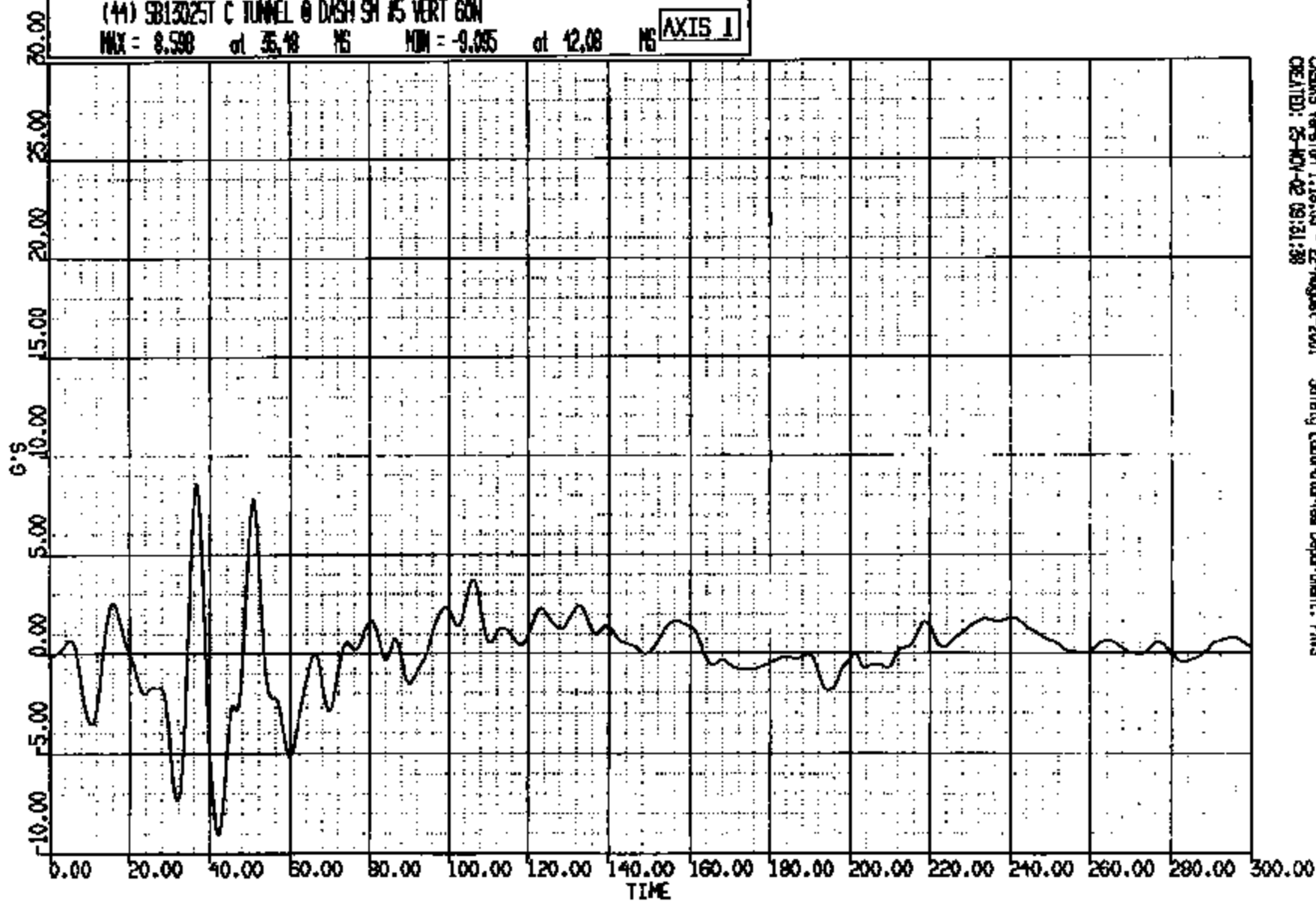
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2003 EN114

(44) SB13025T C TUNNEL @ DASH SH #5 VERT 60N

MAX = 8.598 at 35.48 MS MIN = -9.035 at 42.08 MS

AXIS 1



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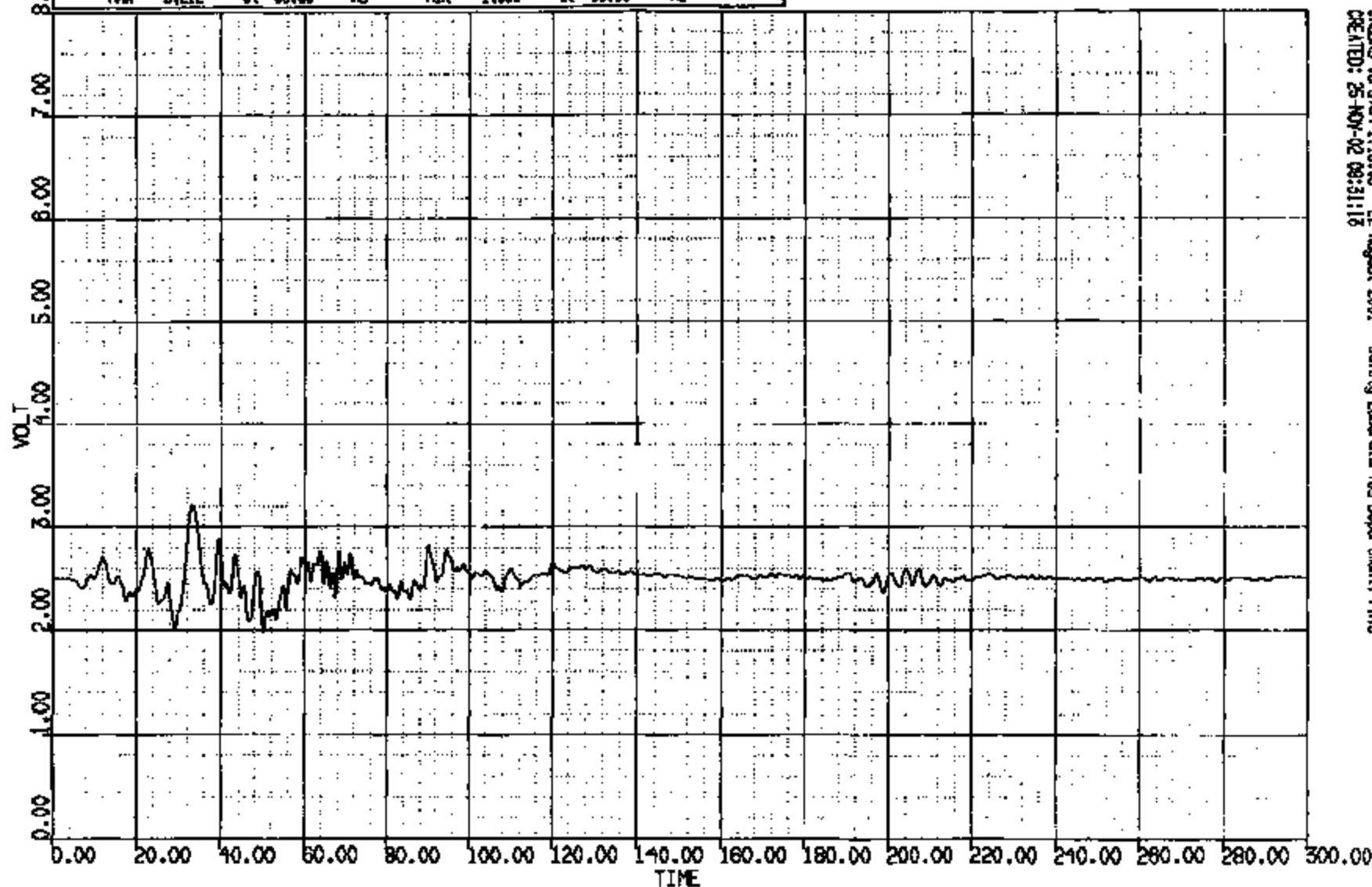
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SR R: 13025 TO: J88853 DATE: 31-JUL-2002 13:51:53
2008 EN114

(41) SR130251 C TUNNEL @ DASH TAGS #7A 4000C

MAX = 3.212 at 33.36 MS MIN = 1.985 at 50.00 MS

AXIS 1



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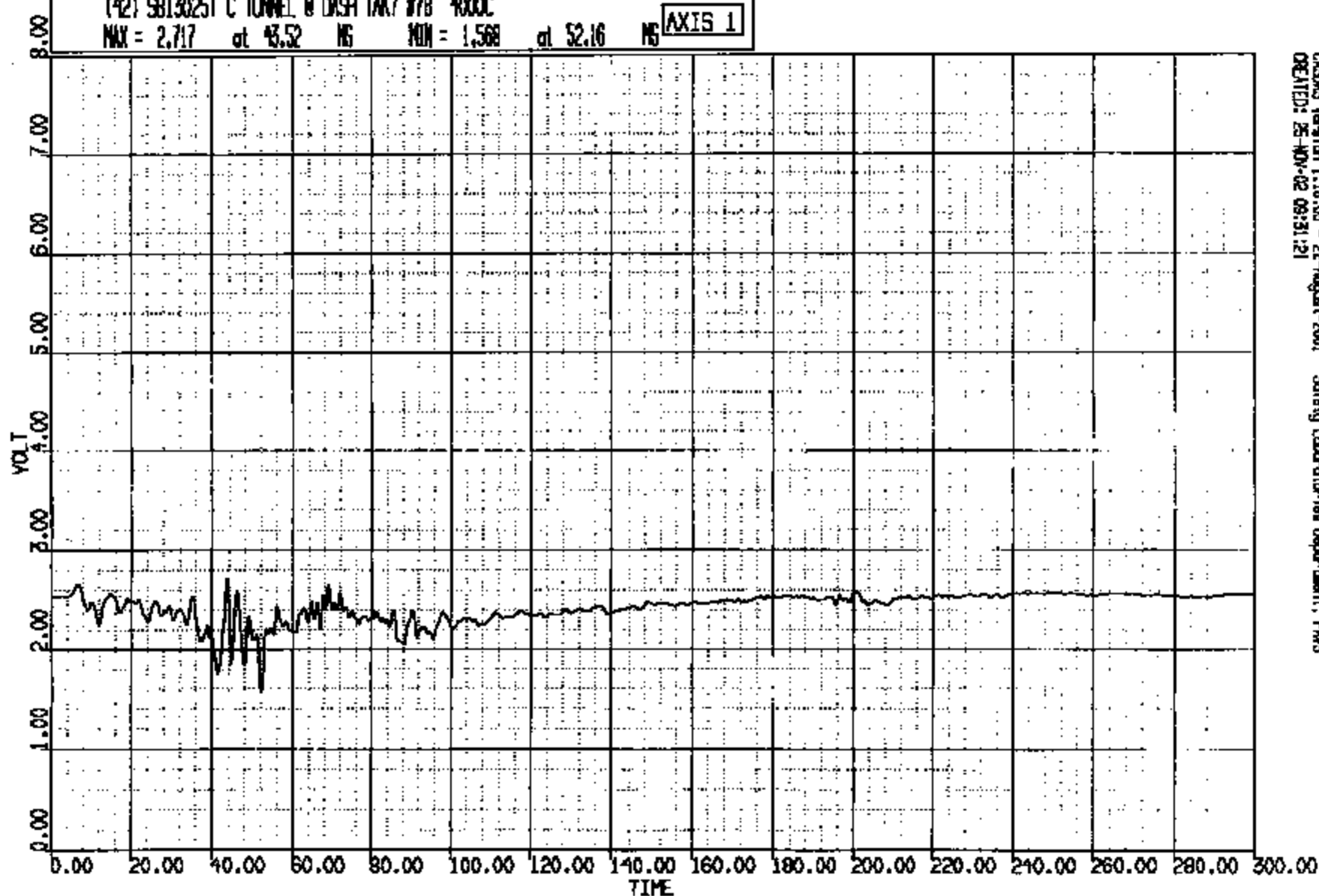
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SB R: 13025 TO: J98953 DATE: 31-JUL-2002 13:51:53
2003 EN114

(42) SB13025T C TUNNEL @ DASH TAK7 #79 4000C

MAX = 2.717 at 43.52 MS MIN = 1.568 at 52.16 MS

AXIS 1



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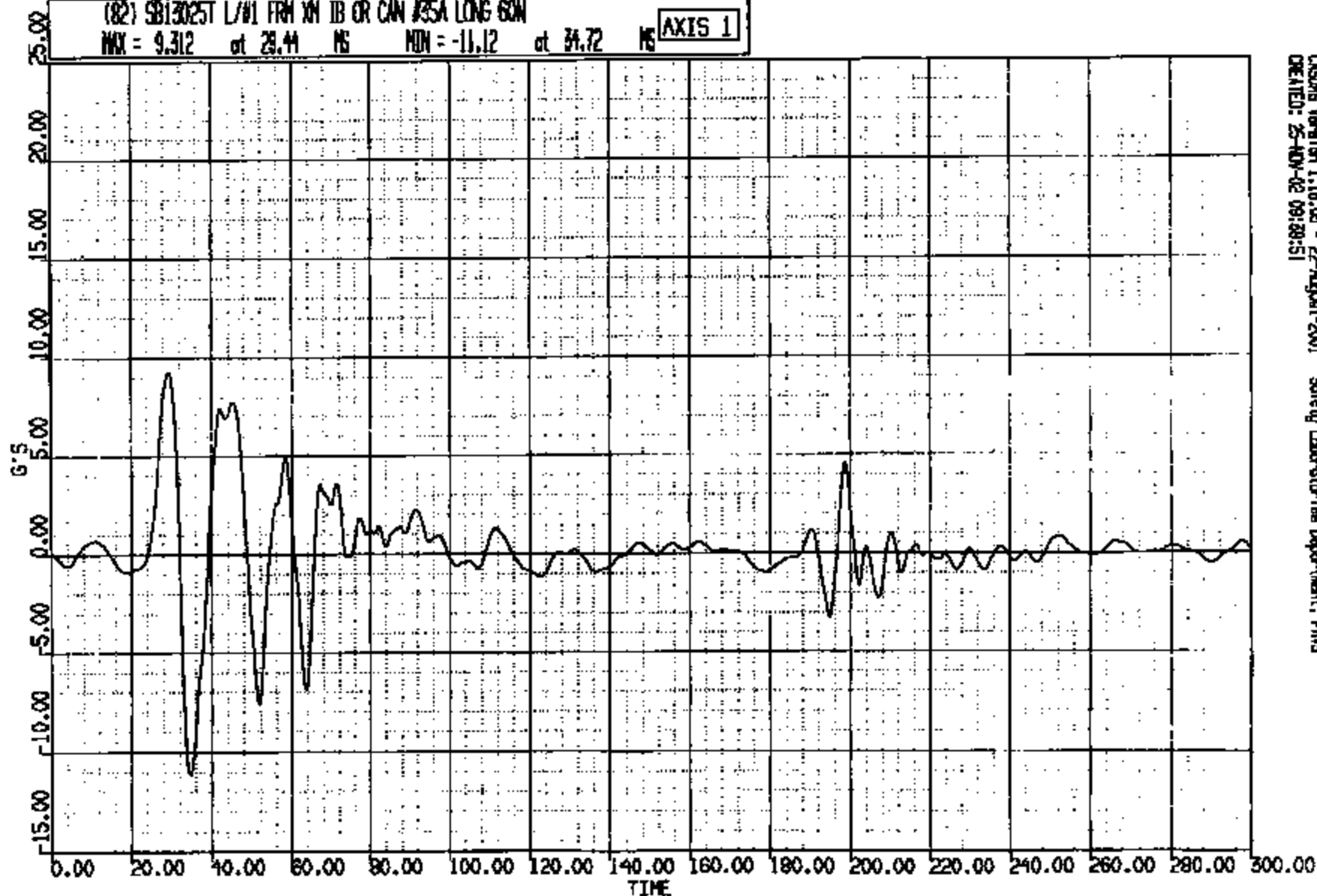
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SB R: 13025 TD: JB6853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(82) SB13025T L/W1 FRM XM TB CR CAN #35A LONG 60W

MAX = 9.312 at 29.44 MS MIN = -11.12 at 34.72 MS

AXIS 1



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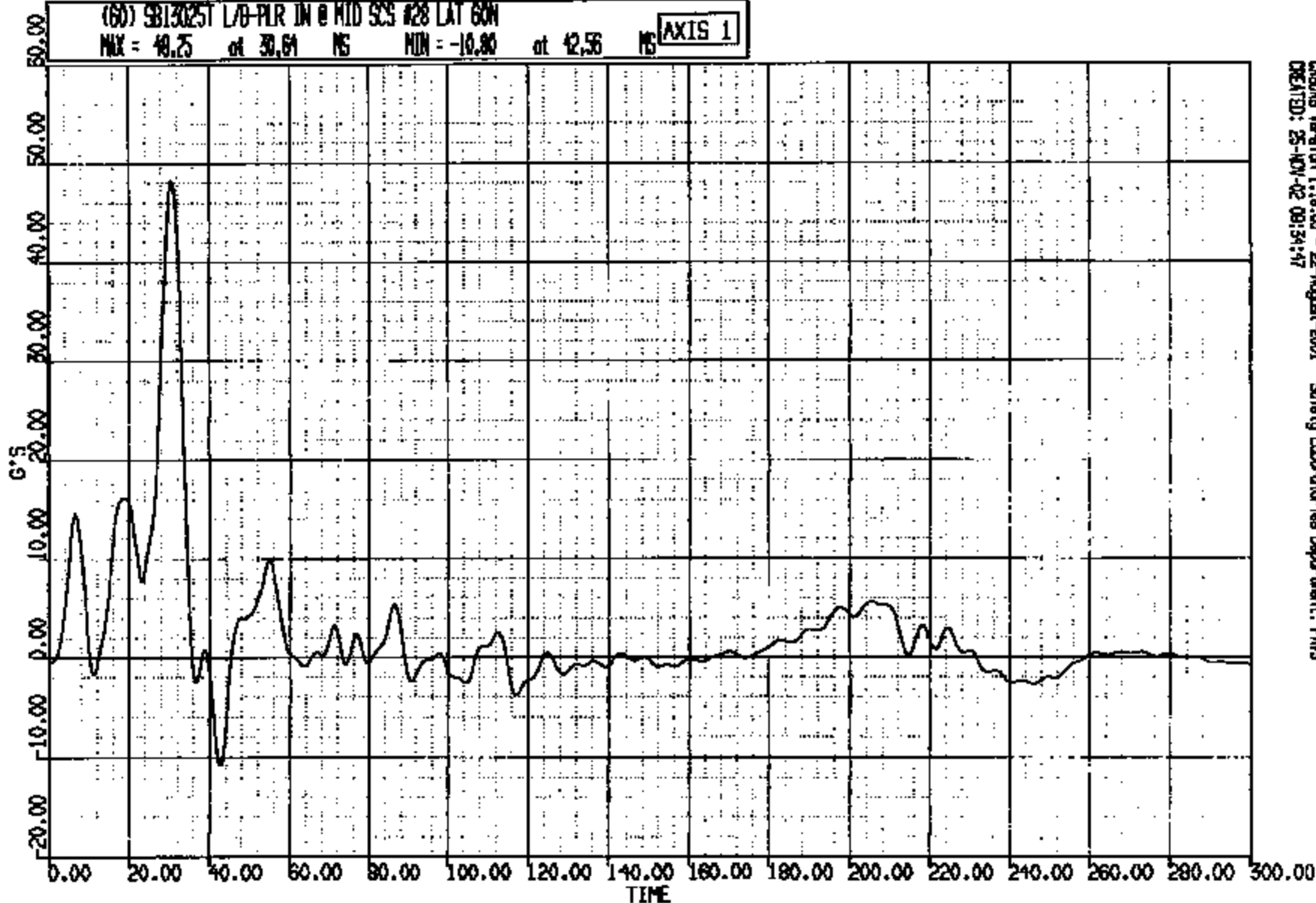
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SS R: 13025 TO: JB6953 DATE: 31-JUL-2002 13:51:53
2003 EN114

(60) SB13025 L/O-PLR IN @ MID SCS #28 LAT 60N

MAX = 40.25 at 30.64 MS MIN = -10.80 at 42.56 MS

AXIS 1



CIS/DAS Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PMS
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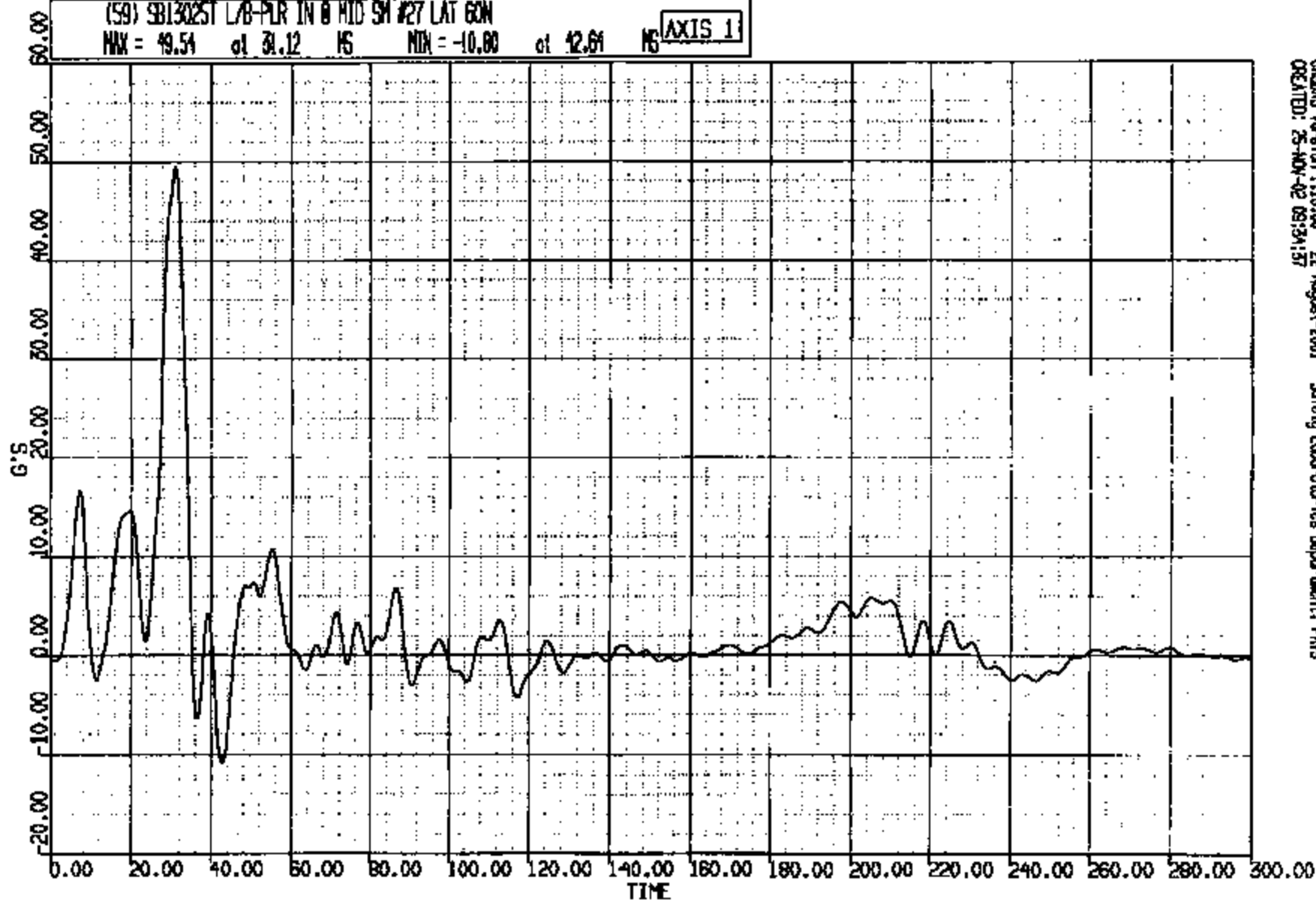
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SB R: 13025 TO: J86653 DATE: 31-JUL-2002 12:51:53
2003 EN114

(59) SB13025T L7B-PLR IN @ MID SH #27 LAT 60N

MAX = 49.54 at 31.12 MS MIN = -10.80 at 42.64 MS

AXIS 1



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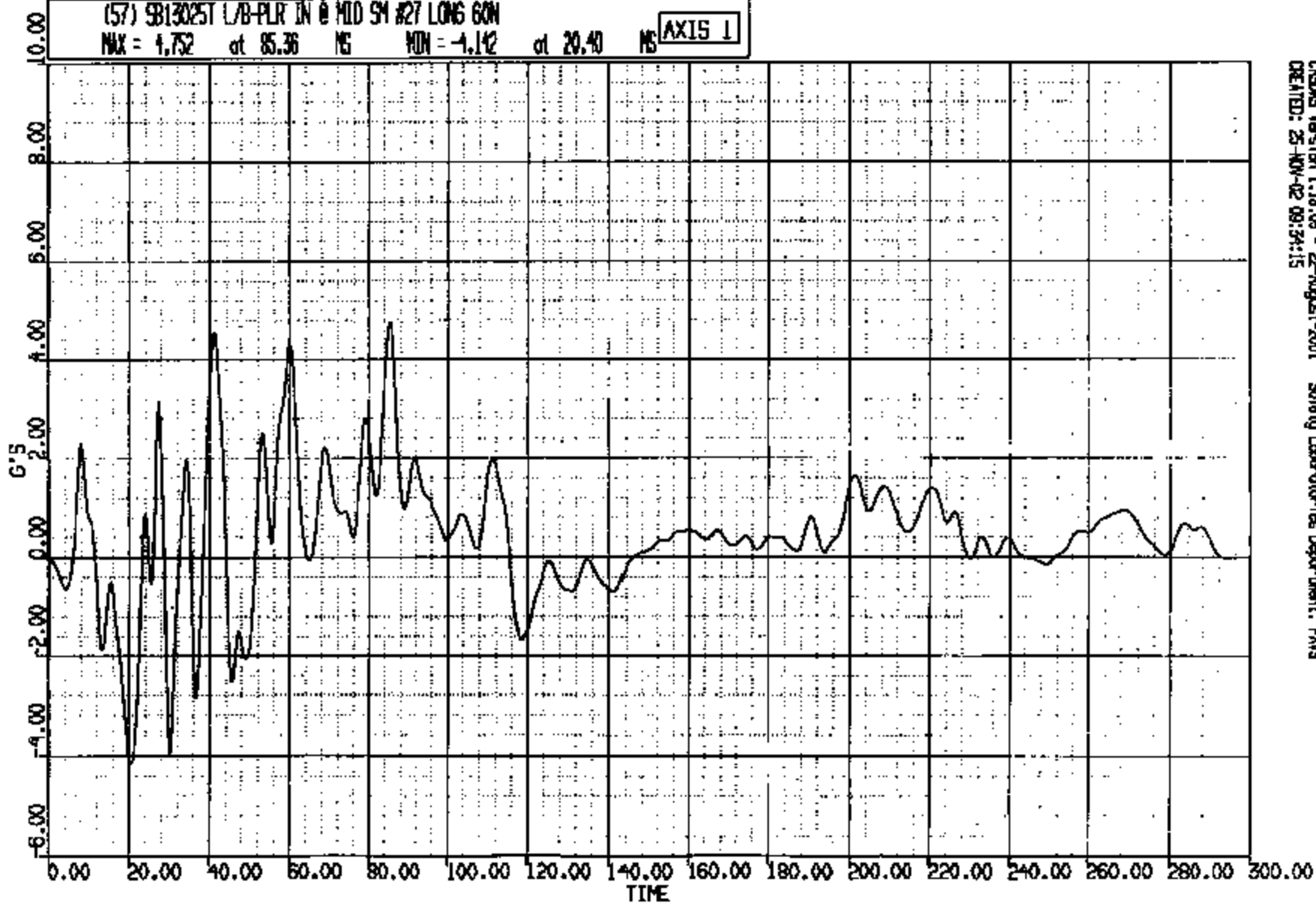
CRTS 0013025

SB R: 13025 TO: J86833 DATE: 31-JUL-2002 13:51:53
2005 EN114

(57) SB13025T L/B-PLR IN @ MID SM #27 LONG 60M

MAX = 4.752 at 85.36 MS MIN = -4.142 at 20.40 MS

AXIS 1



CISMS Version 1.18.03 - 22-August-2001
Solely Laboratories Department, PMS
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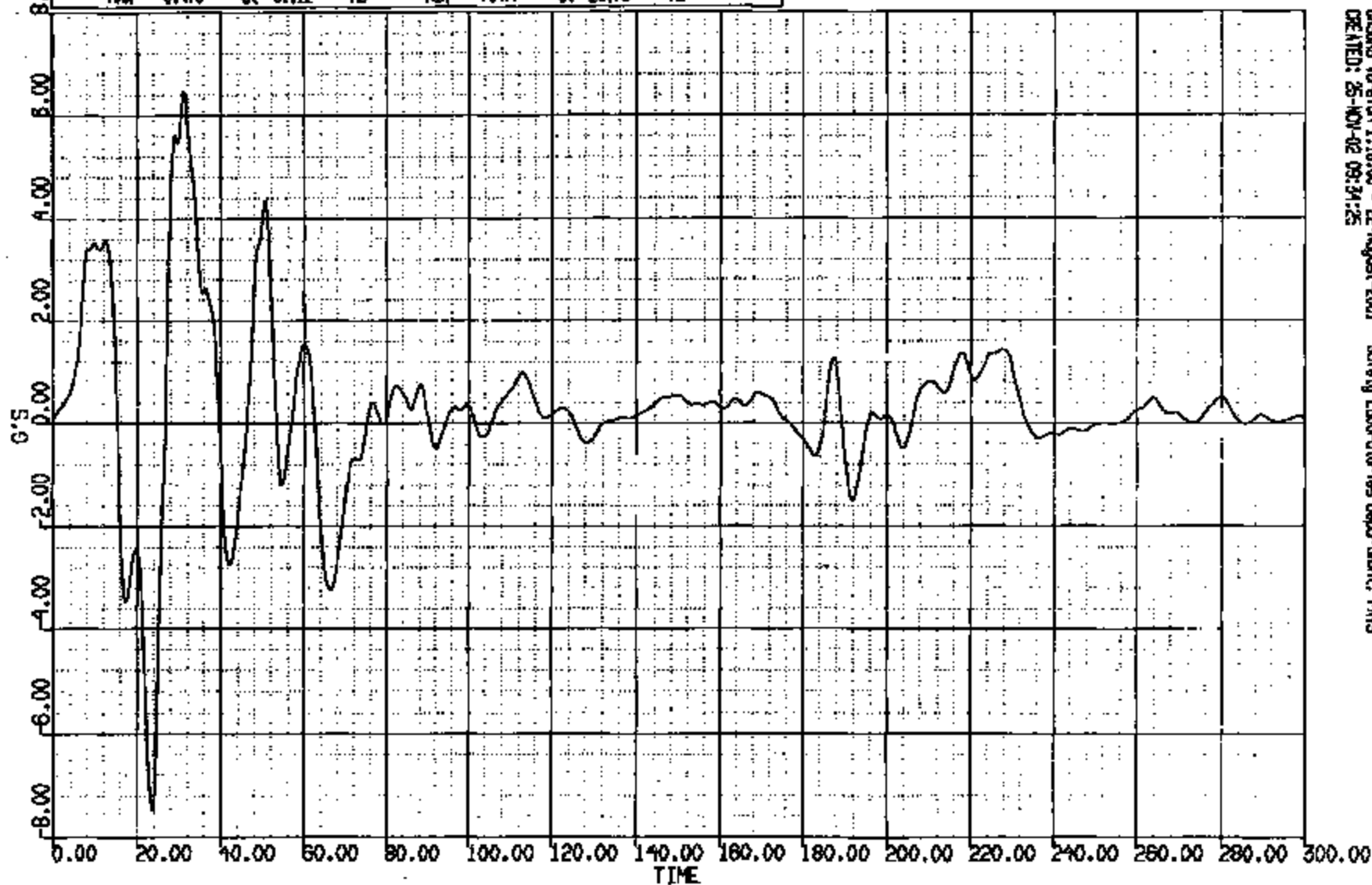
CRIS 0013025

SB R: 13025 TO: J38953 DATE: 31-JUL-2002 13:51:53
2003 EN114

(58) SB13025 L78-PLR IN @ MID SM #27 VERT 60N

MAX = 6.473 at 31.12 MS MIN = -7.477 at 23.76 MS

AXIS 1



CRSING Version 1.18.00 - 22-August-2001 Safety Laboratories Department, PWS
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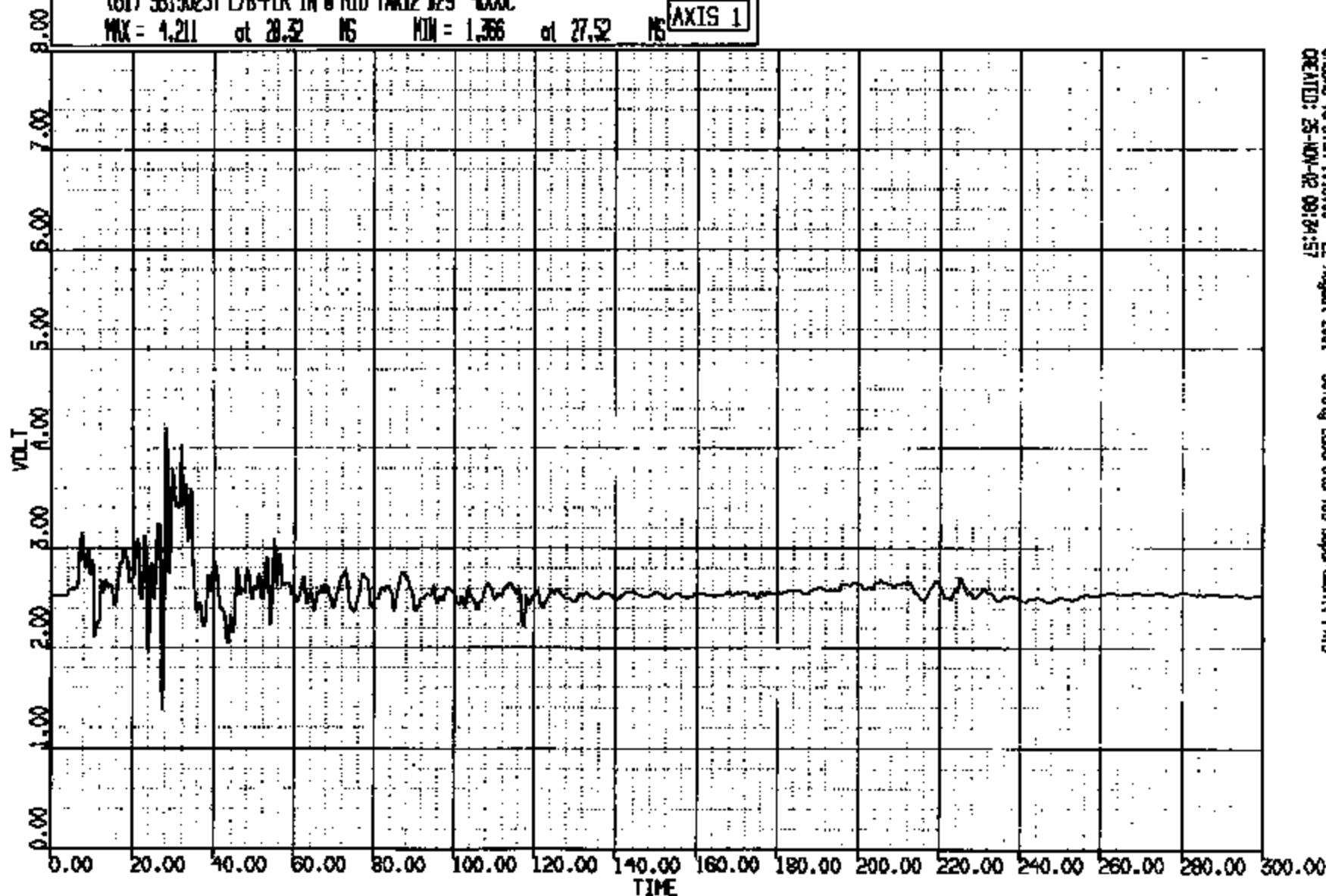
CRIS 0013025

SB R: 13025 TO: J88553 DATE: 31-JUL-2002 13:51:53
2003 EN114

(61) SB130251 L/B-PLR IN @ MID TAK12 #29 4000C

MAX = 4.211 at 28.32 MS MIN = 1.366 at 27.32 MS

AXIS 1



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
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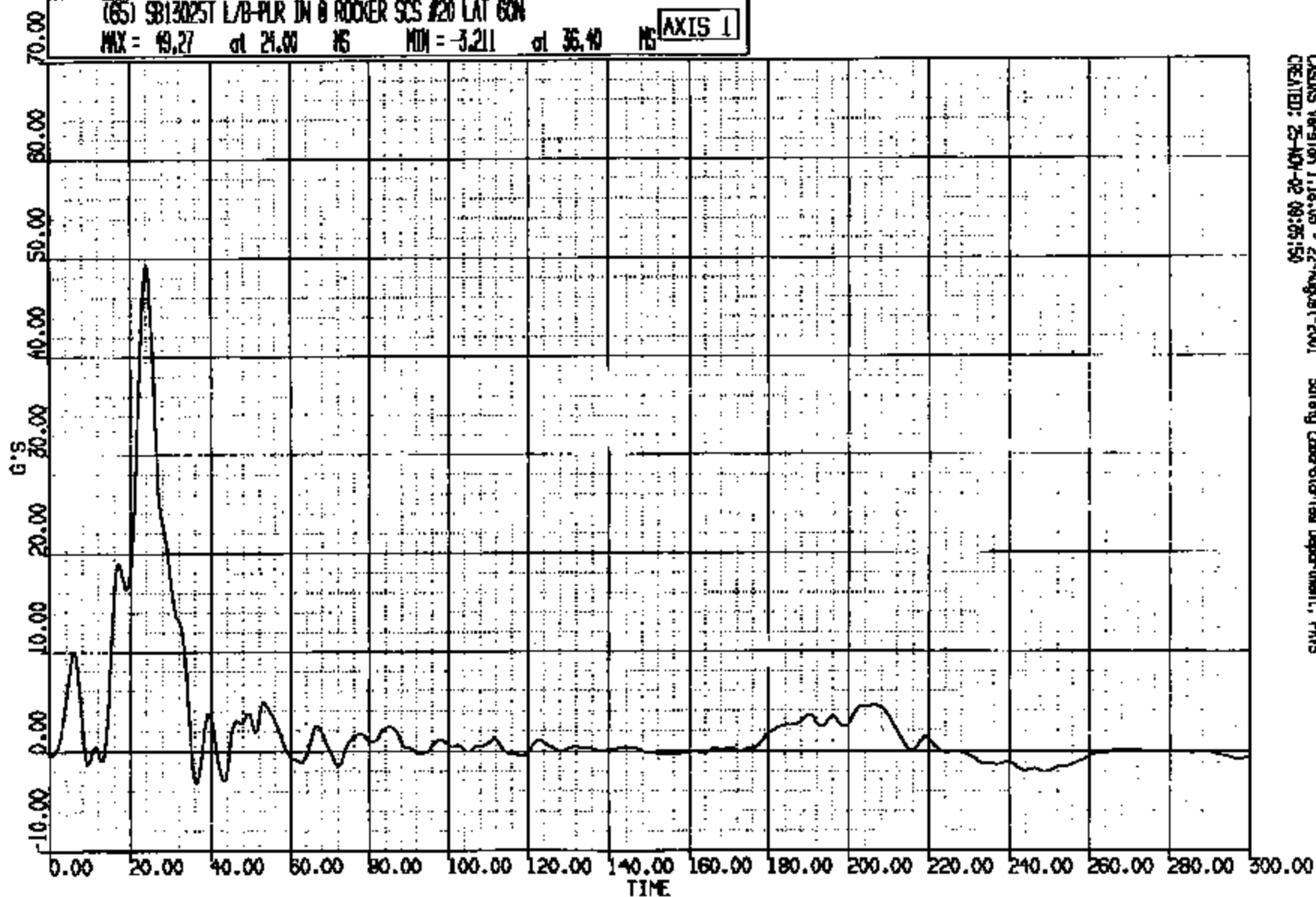
CRIS 0013025

SB R: 13025 TO: JB6853 DATE: 31-JUL-2002 12:51:52
2005 EN114

(65) SB13025T L/B-PLR IN @ ROCKER SCS #20 LAT 60N

MAX = 49.27 at 21.00 MS MIN = -3.211 at 35.40 MS

AXIS 1



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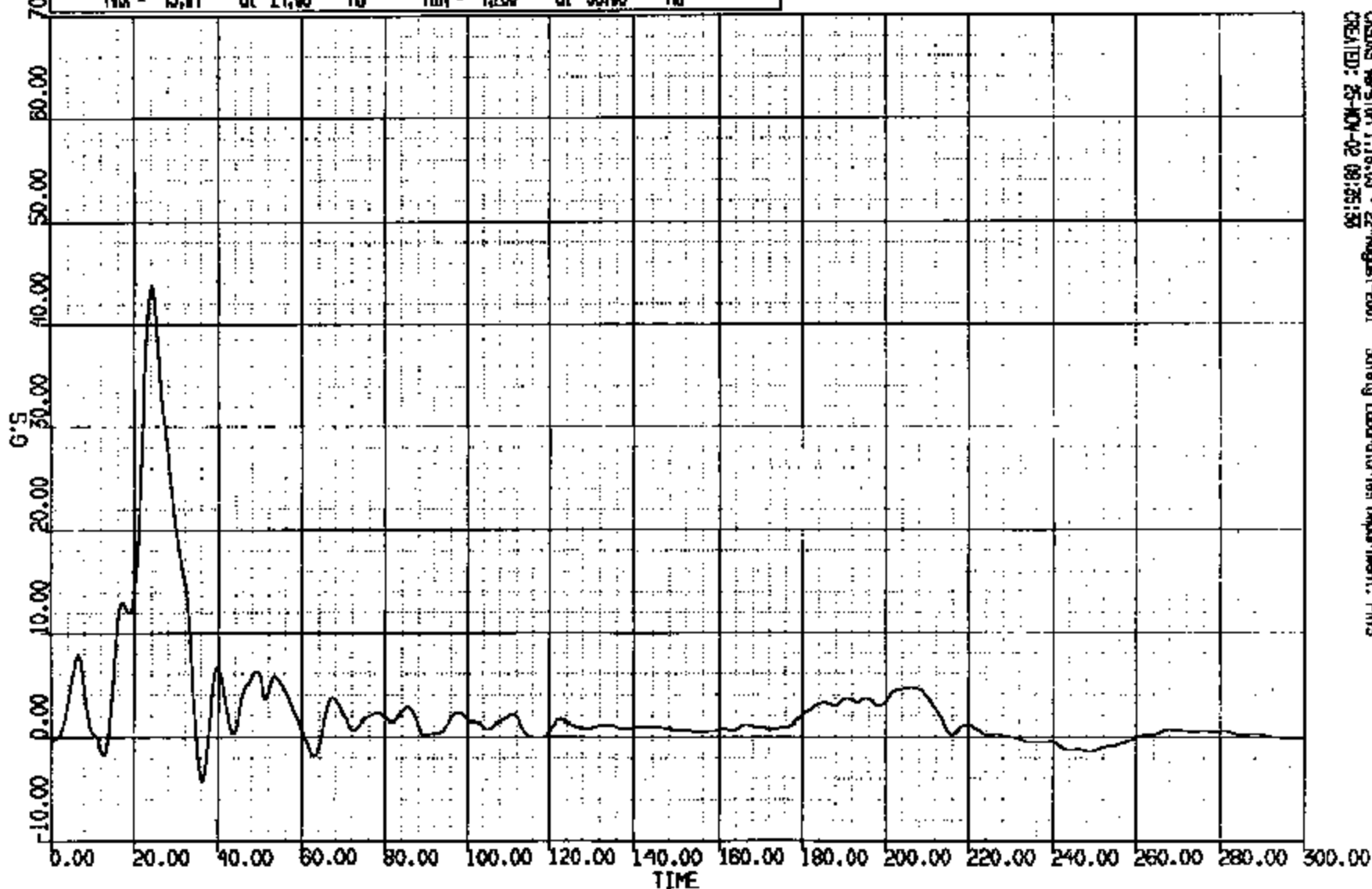
CRTS 0013025

SB R: 13025 TO: JB6853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(64) SB13025T L/S-PLR IN @ ROCKER SM #19 LAT 60N

MAX = 13.94 at 21.08 MS MIN = -1.260 at 35.08 MS

AXIS 1



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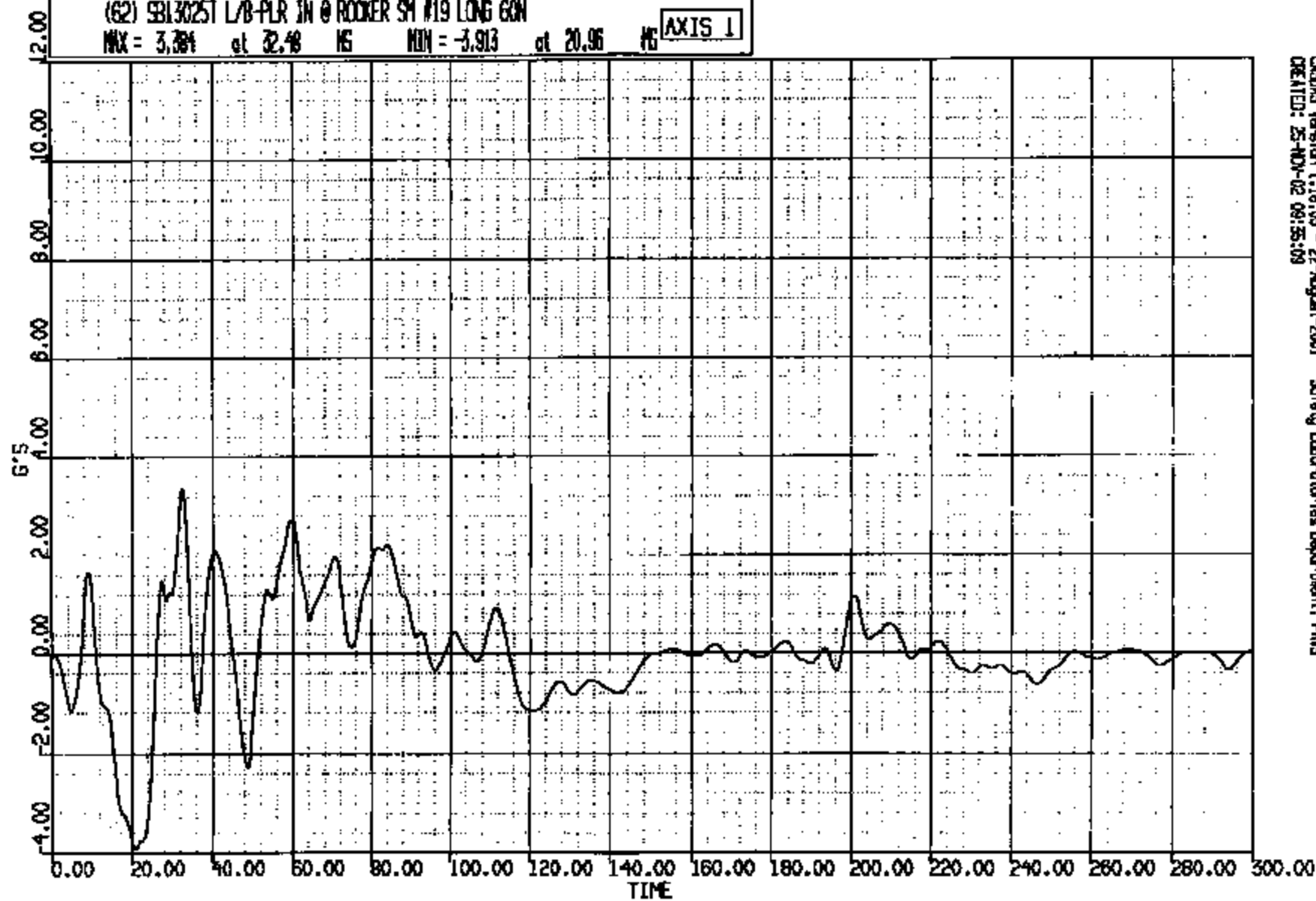
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SB R: 13025 TO: J68853 DATE: 21-JUL-2002 12:51:53
2003 EN114

(62) 53130251 L/B-PLR IN @ ROCKER SH #19 LONG 60N

MAX = 3.384 at 32.48 MS MIN = -3.913 at 20.96 MS

AXIS 1



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-NOV-02 09:55:09

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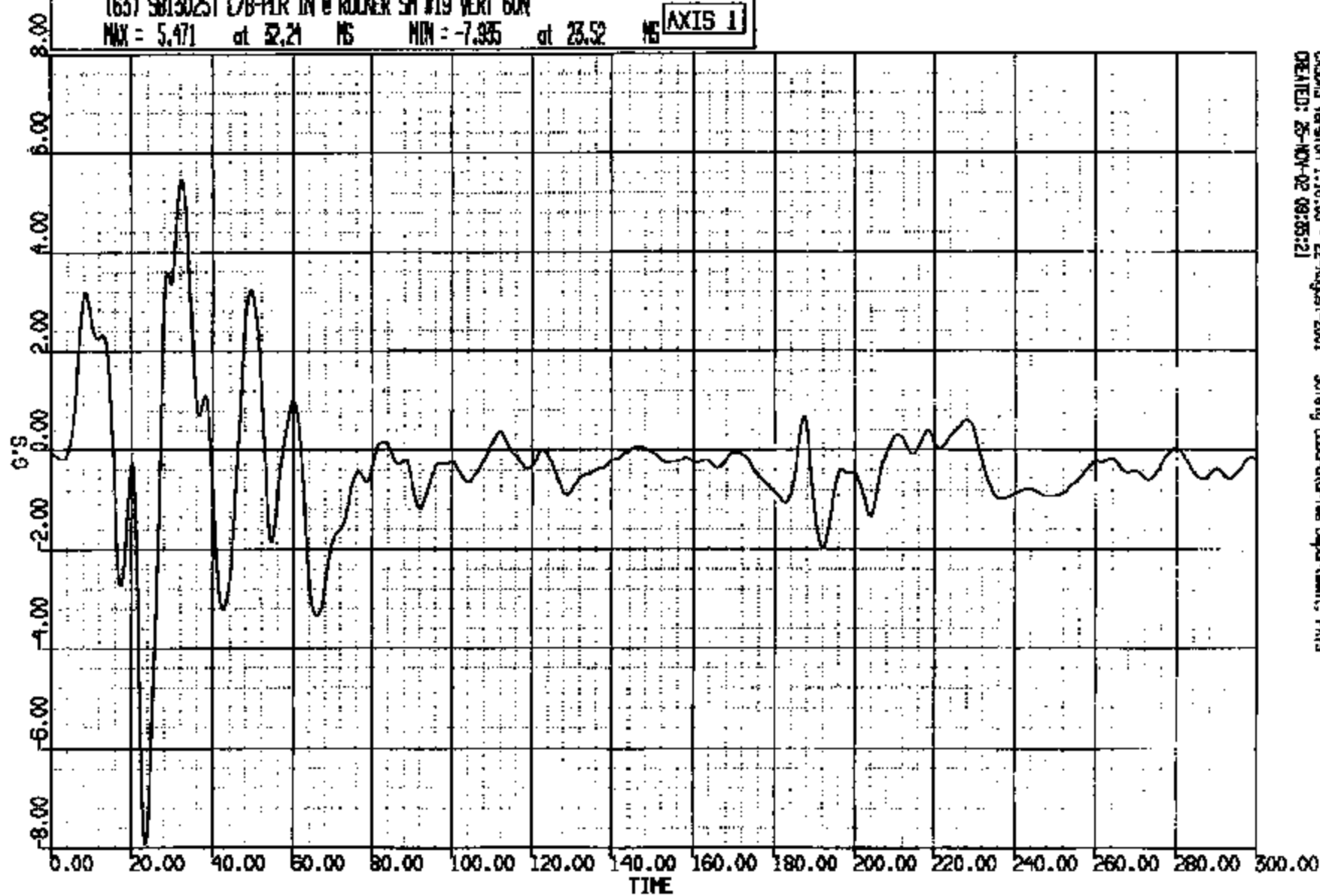
CRIS 0013025

SB R: 18025 TO: JB6853 DATE: 21-JUL-2002 13:51:53
2008 EN114

(63) SB13025 L/B-PLR IN @ ROCKER SH #19 VERT 60N

MAX = 5.471 at 32.21 MS MIN = -7.935 at 23.52 MS

AXIS 1



CASAS Version 1.18.08 - 22-August-2001 Safety Laboratories Department, PHS
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ENTIRE PAGE CONFIDENTIAL

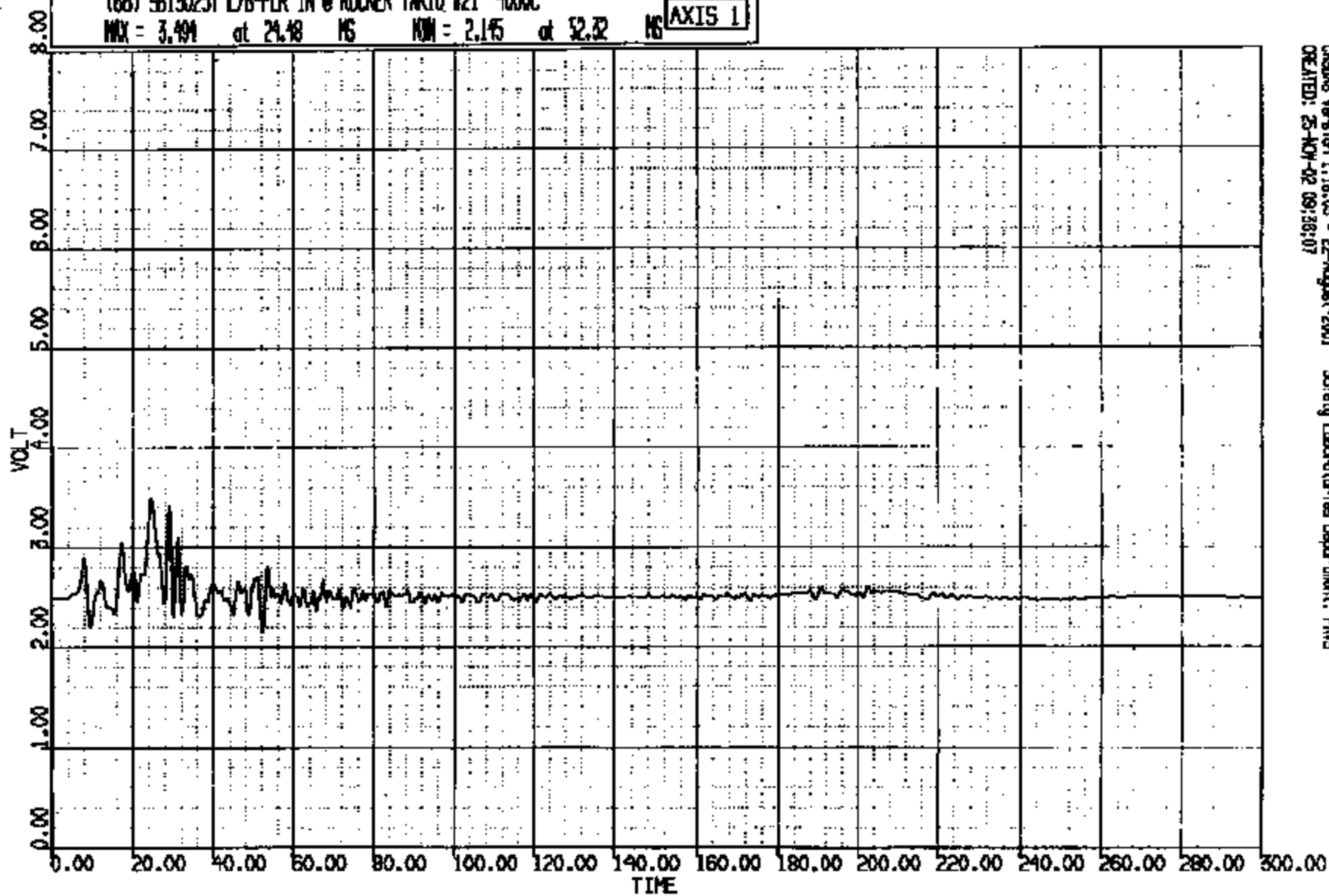
CRIS 0013025

SB R: 13025 TO: JB6852 DATE: 31-JUL-2002 13:51:53
2003 EN114

(66) 5B13025 L/A-PLR IN @ ROCKER TAKIO #21 4000C

MAX = 3.494 at 24.48 MS MIN = 2.145 at 52.32 MS

AXIS 1



CASAS Version 1.18.03 - 22 August 2001 Safety Laboratories Department, PMS
CREATED: 25-NOV-02 09:36:07

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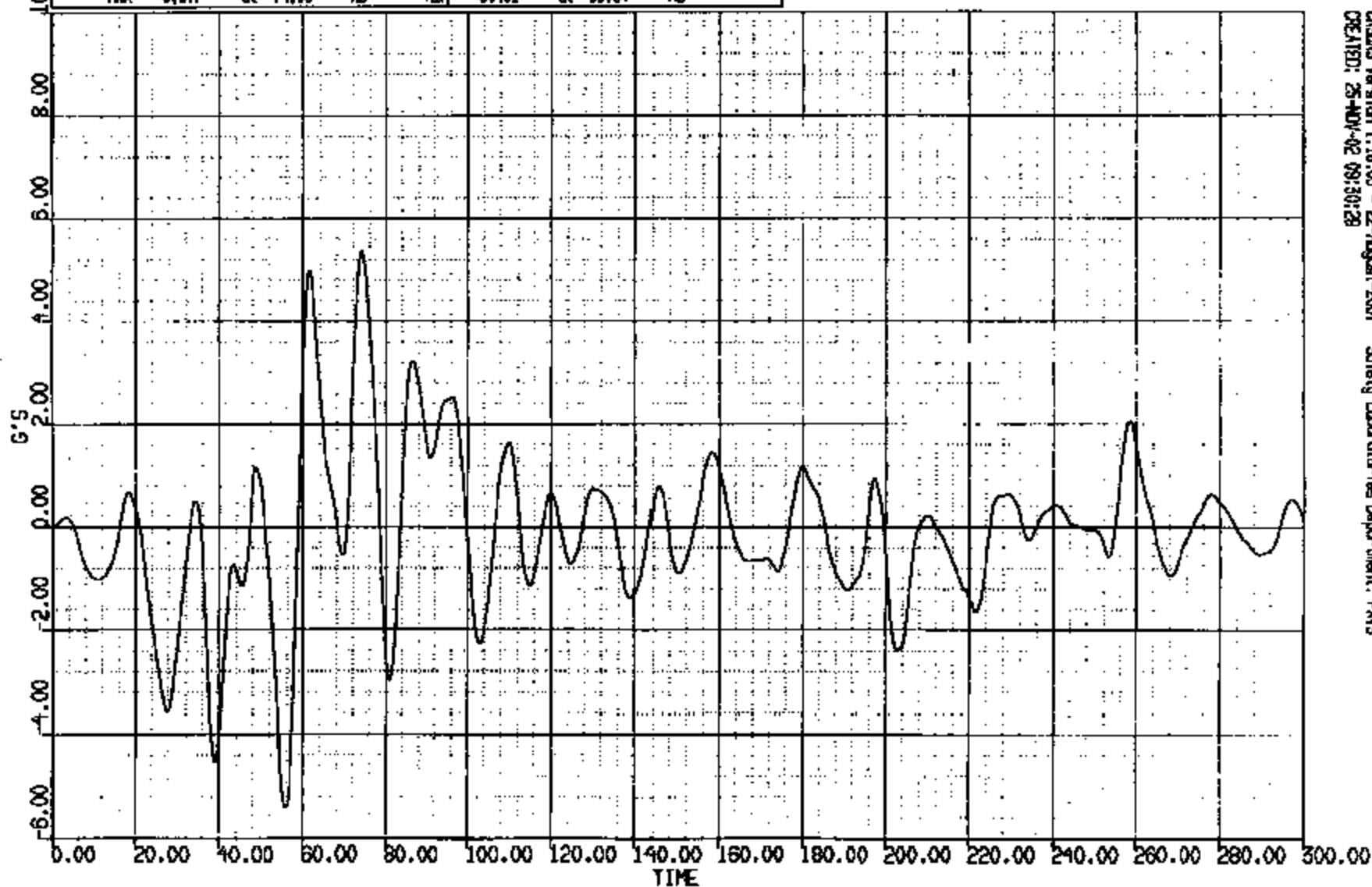
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2003 EN114

(36) SB13025 L/C FRT RAD SUPT FCS #2 LONG 60N

MAX = 5.377 at 74.08 MS MIN = -5.491 at 35.04 MS

AXIS 1



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PARS
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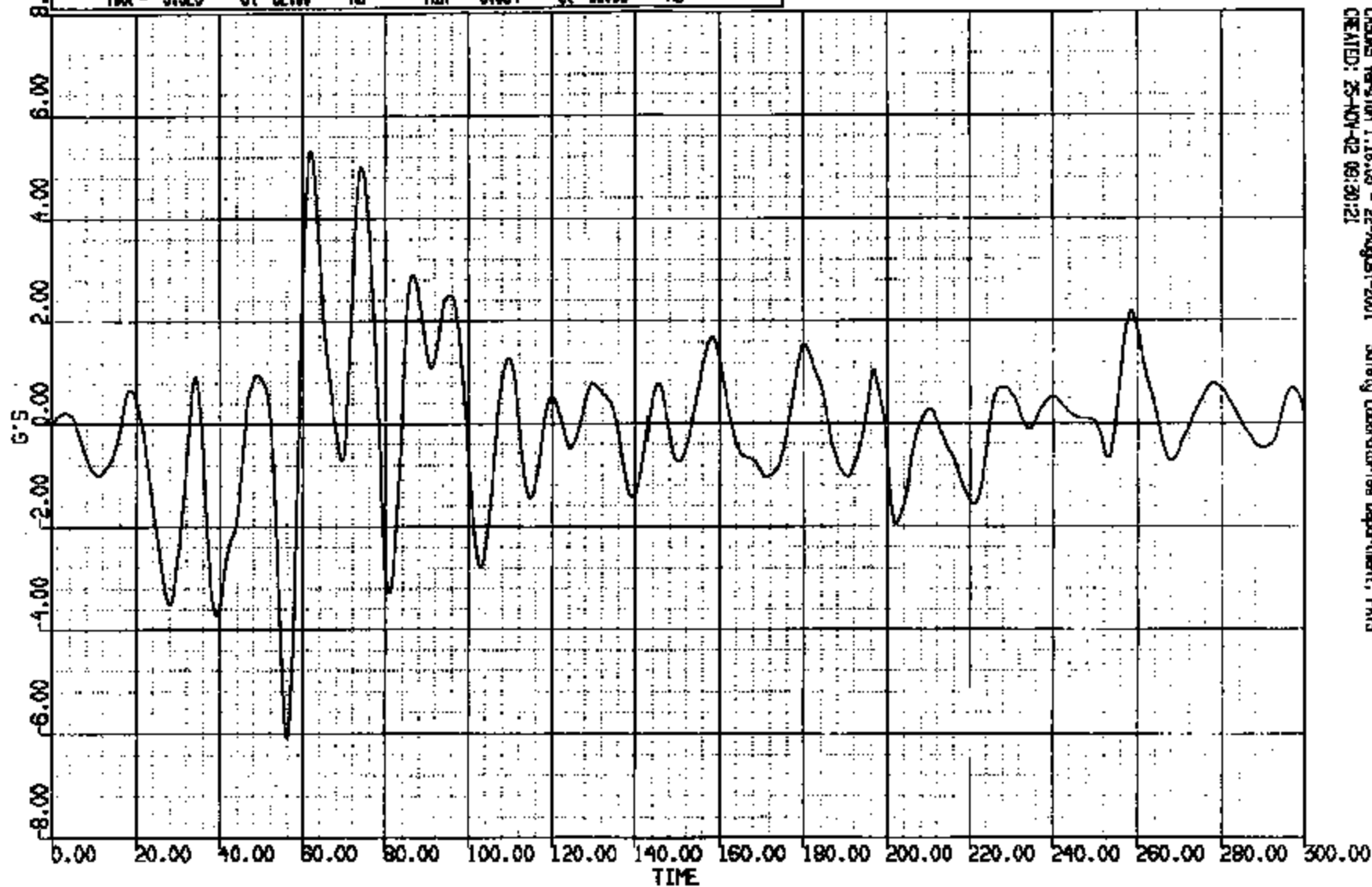
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SB R: 13025 TO: JB6853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(35) SB13025T L/C FRT RAD SPT SH #1 LONG 60N

MAX = 5.323 at 62.00 MS MIN = -6.094 at 56.08 MS

AXIS 1



CRS045 Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PHS
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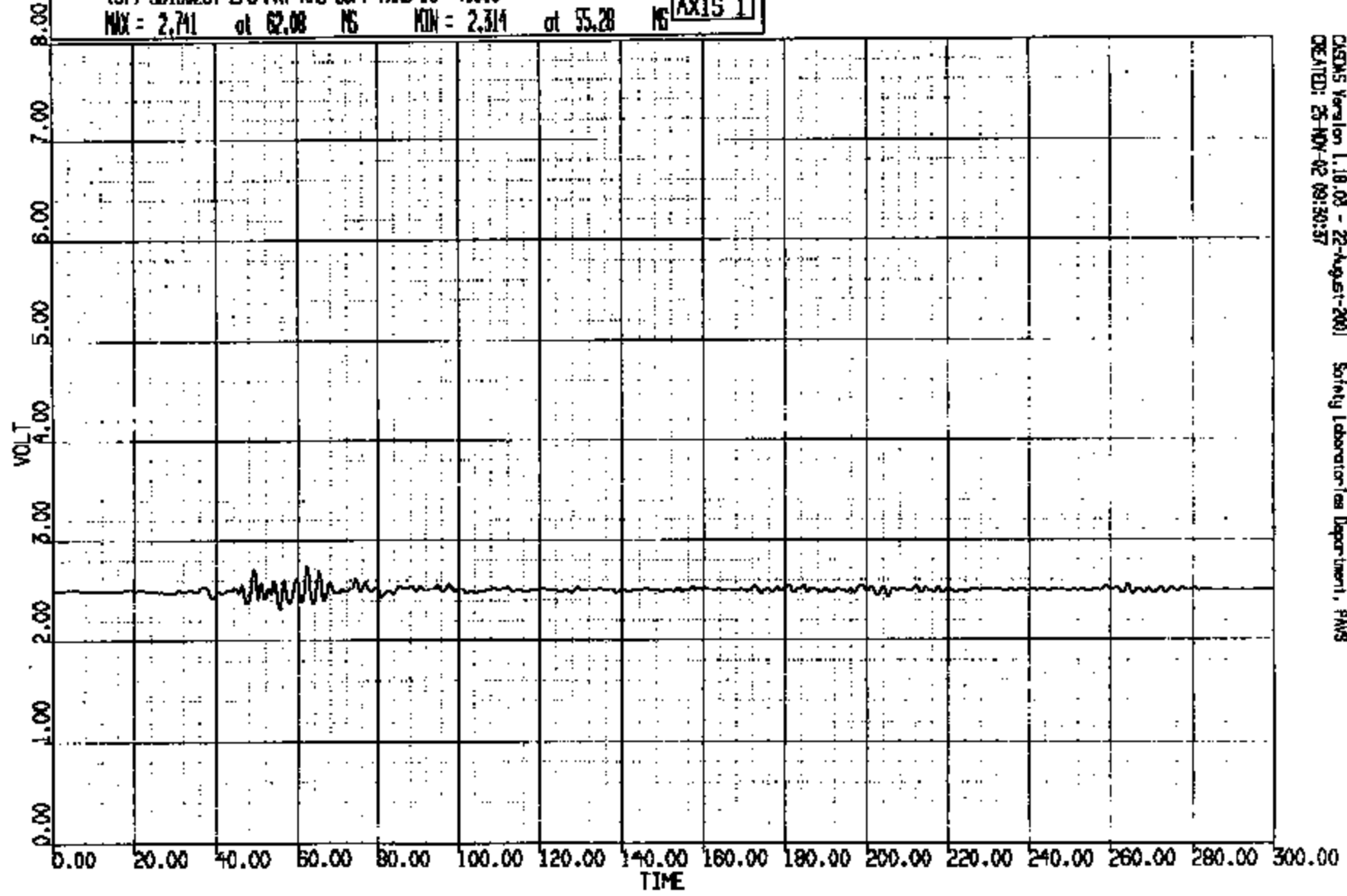
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SB R: 13025 TO: J88853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(37) 9813025 L/C FRT RAO SUP TAKS #3 4000C

MAX = 2.741 at 62.08 MS MIN = 2.314 at 55.28 MS

AXIS 1



OSRAM Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-NOV-02 09:30:37

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CRIS 0013025

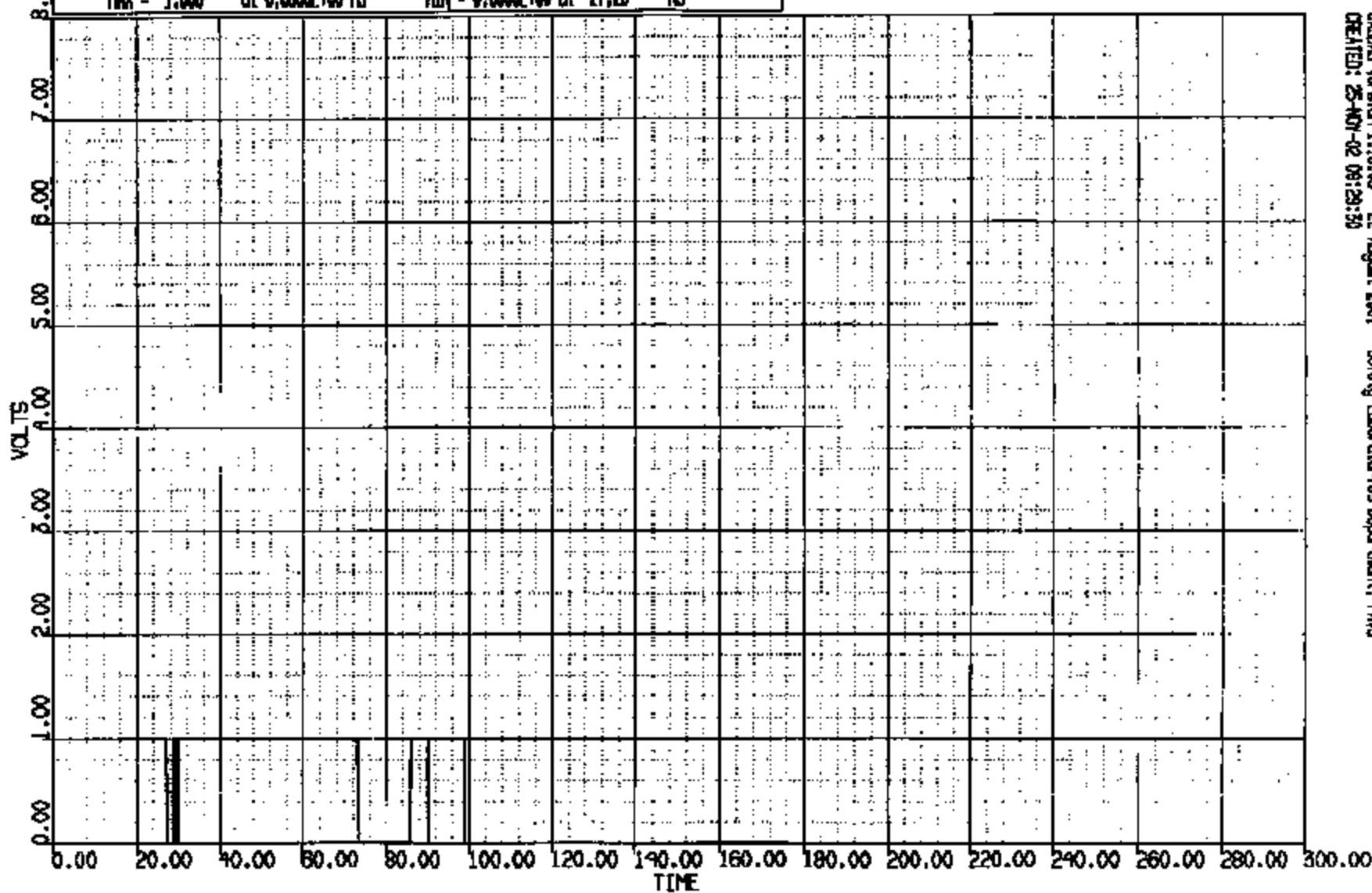
SR R: 1502E TO: J88958 DATE: 31-JUL-2002 13:51:53
2003 EN114

(29) SBI3025 LAF DUMMY AB000EN SM 4000C

MAX = 1.000 at 0.000E+00 MS

MIN = 0.000E+00 at 27.20 MS

MS **AXIS 1**



CHROMS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-AUG-02 09:29:30

ENTIRE PAGE CONFIDENTIAL

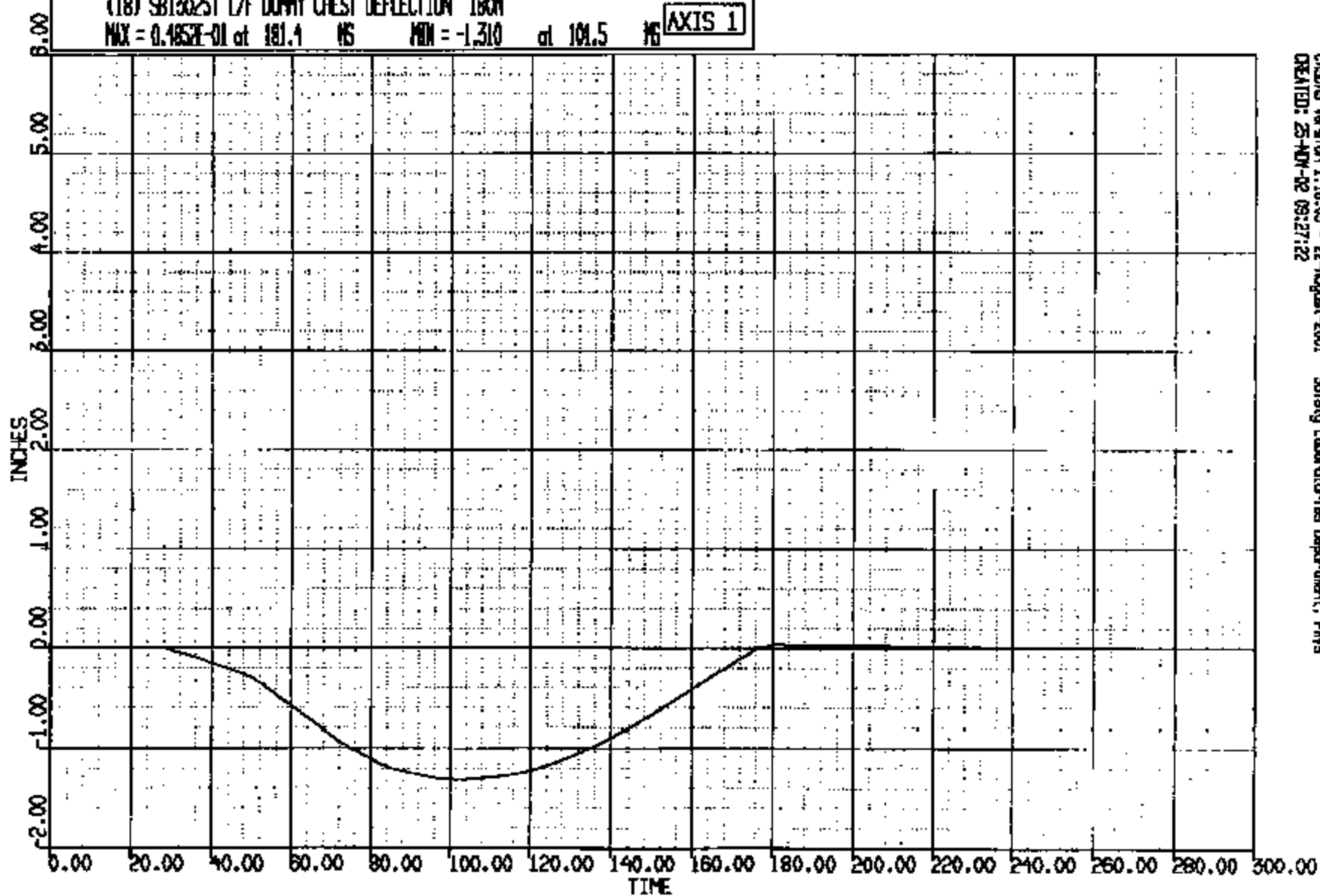
CRIS 0013025

SB R: 13025 TO: JB6953 DATE: 21-JUL-2002 13:51:53
2002 EN114

(18) SB13025T L/T DUMMY CHEST DEFLECTION 180N

MAX = 0.4857-01 at 181.4 MS MIN = -1.310 at 104.5 MS

AXIS 1



CRS/AS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PWS
CREATED: 25-AUG-02 09:27:22

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CRIS 0013025

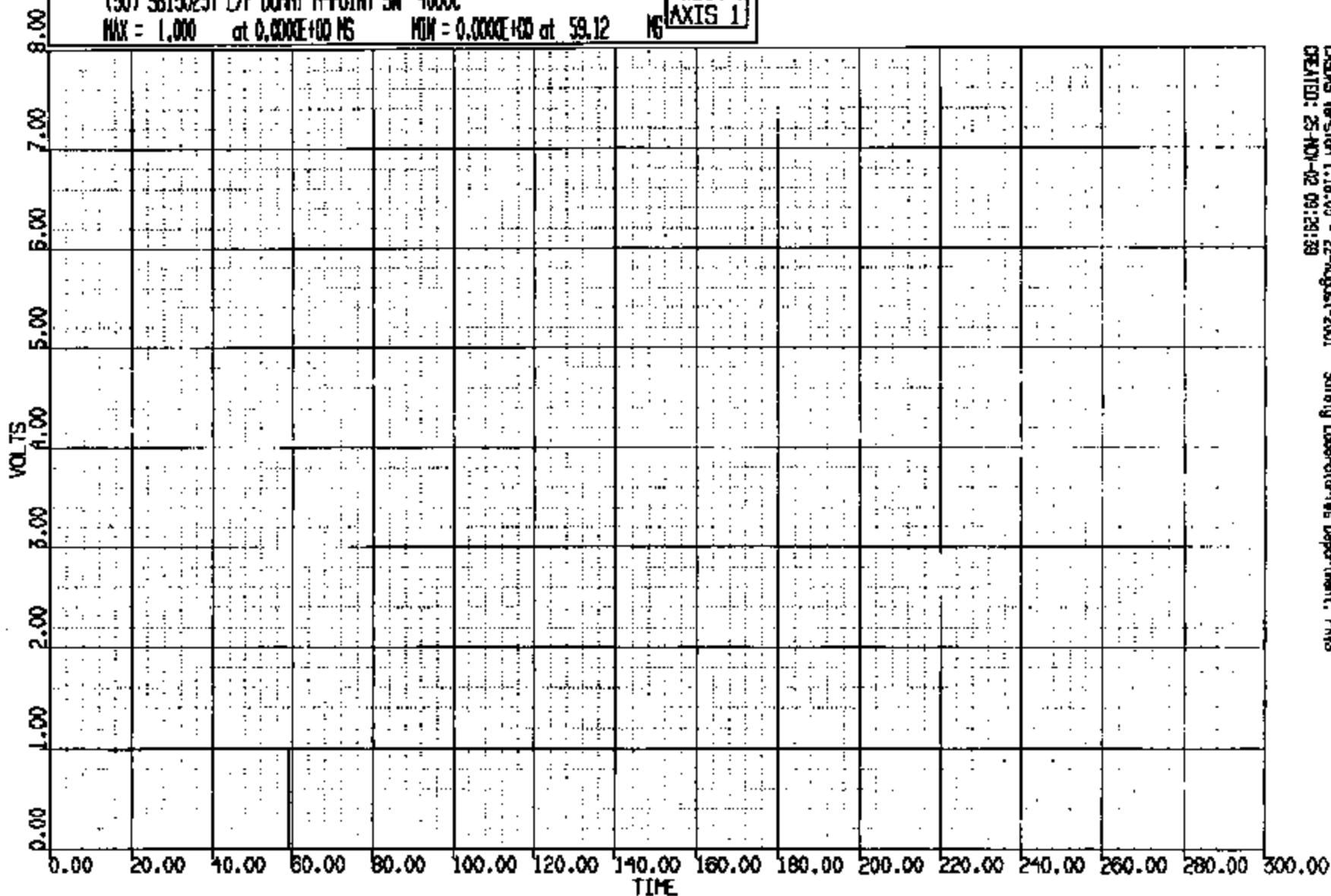
SB R: 13025 TO: J36852 DATE: 31-JUL-2002 13:51:53
2005 EN114

(30) SB13025T L/T DUMMY H-POINT SW 4000C

MAX = 1.000 at 0.000E+00 NS

MIN = 0.000E+00 at 59.12 NS

MS **AXIS 1**



CRS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
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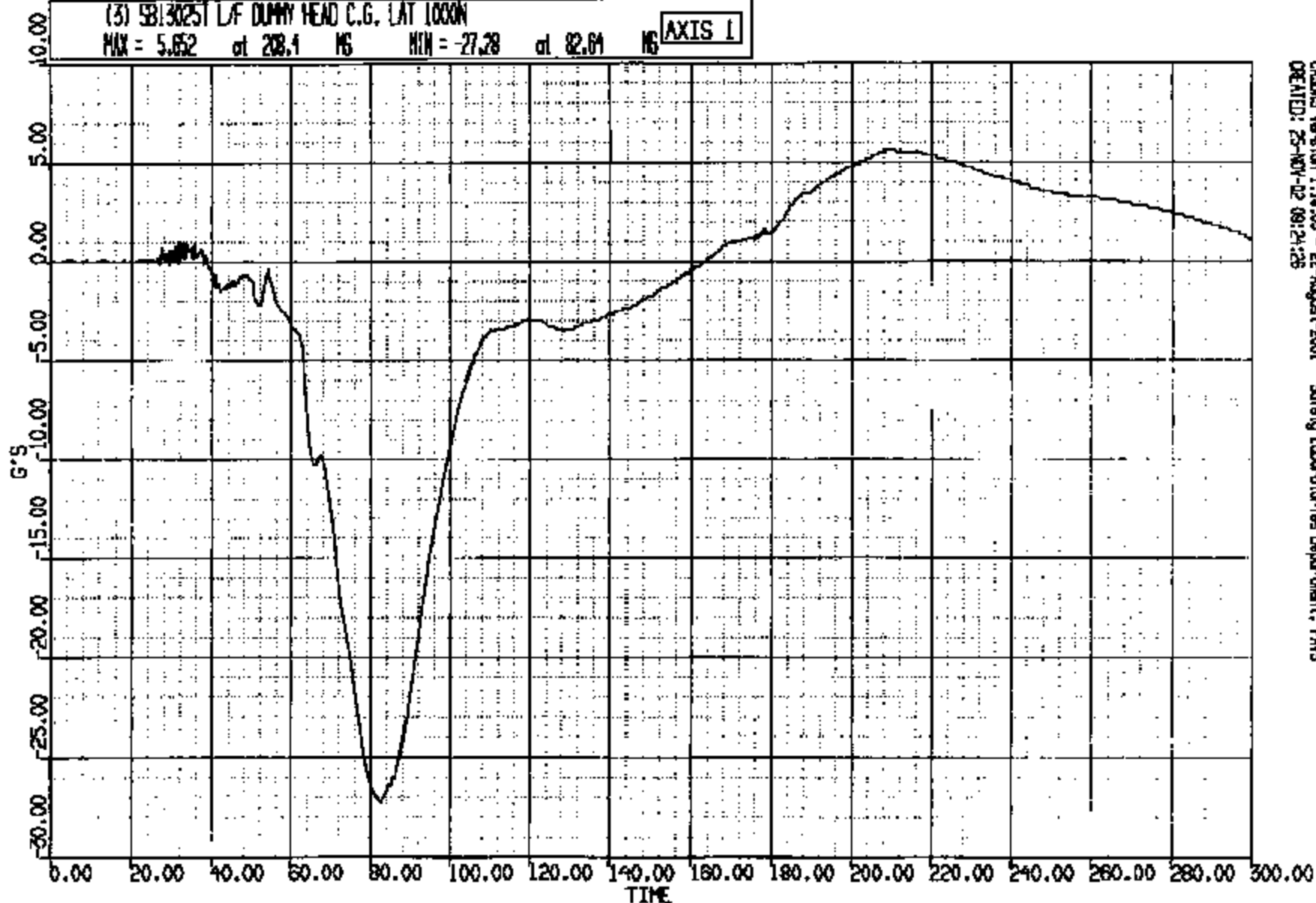
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SB R: 13025 TO: J86655 DATE: 31-JUL-2002 13:51:53
2003 EN114

(3) SB13025 L/F DUMMY HEAD C.G. LAT 1000N

MAX = 5.652 at 208.4 MS MIN = -27.28 at 82.64 MS

AXIS 1



CASMS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PHMS
CREATED: 25-NOV-02 09:24:25

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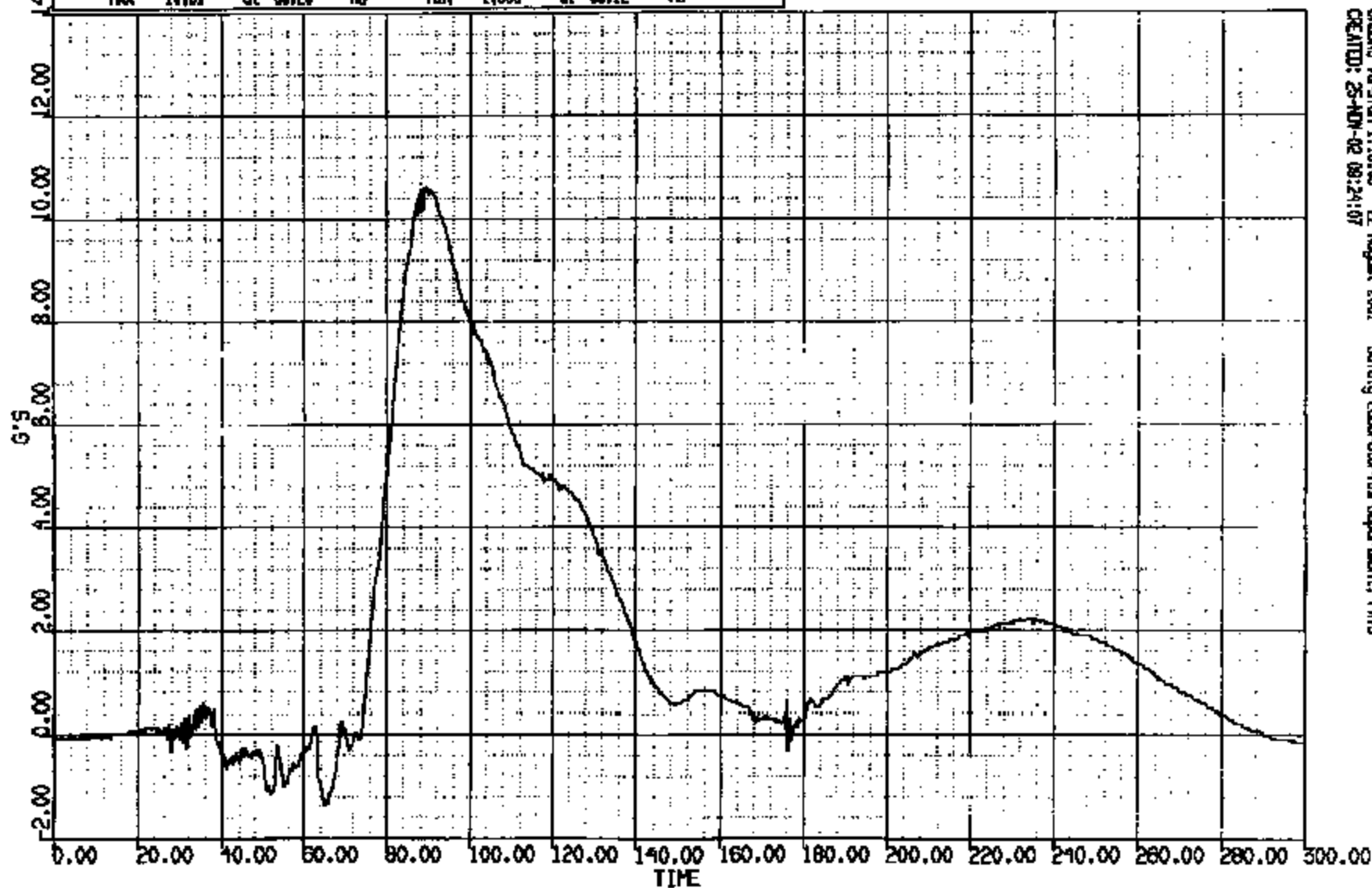
CRIS 0013025

SB R: 13025 TD: JB8855 DATE: 31-JUL-2002 13:51:53
2008 EN114

(1) SB13025 L/F DUMMY HEAD C.G. LONG 1000N

MAX = 10.61 at 88.20 MS MIN = -1.389 at 65.12 MS

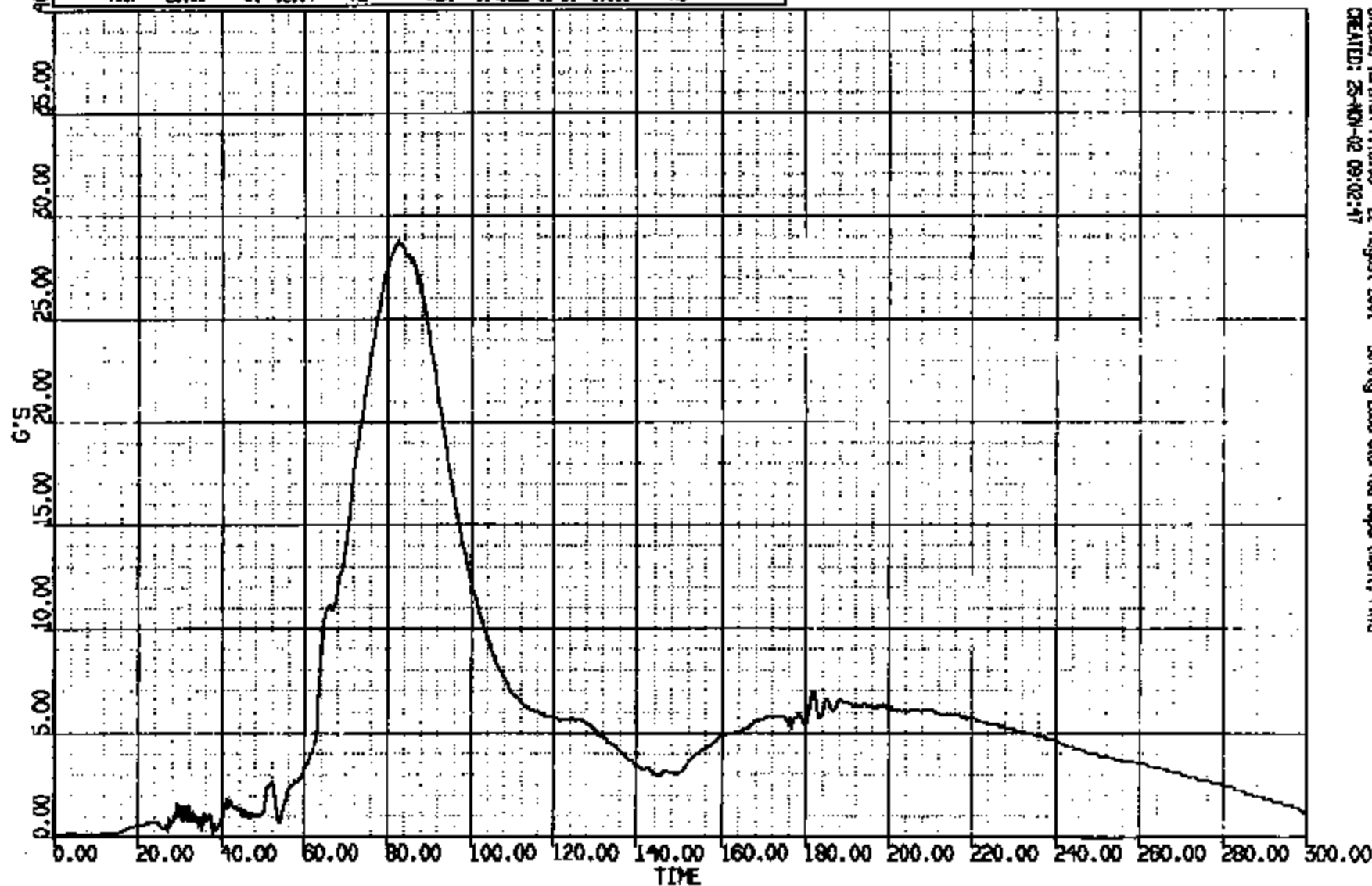
AXIS 1



INNOV: J8025 TO: J8855 DATE: 31-JUL-2002 12:51:53
 EN114
 IIR: 70. DUR: 240.0 T1/T2: 69.8 // 69.8
 IIR: 70. DUR: 38.0 T1/T2: 69.8 // 69.8
 IIR: 55. DUR: 16.0 T1/T2: 75.9 // 90.0

(1000) 9313025T L/F DUMMY HEAD C.G. RES 1000M

MAX = 28.35 at 82.64 MS MIN = 0.4502E-01 at 9.080 MS AXIS 1



CASDS Version 1.18.03 - 22-August-2001
 Created: 25-NOV-02 09:02:47
 Safety Laboratories Department, PWS

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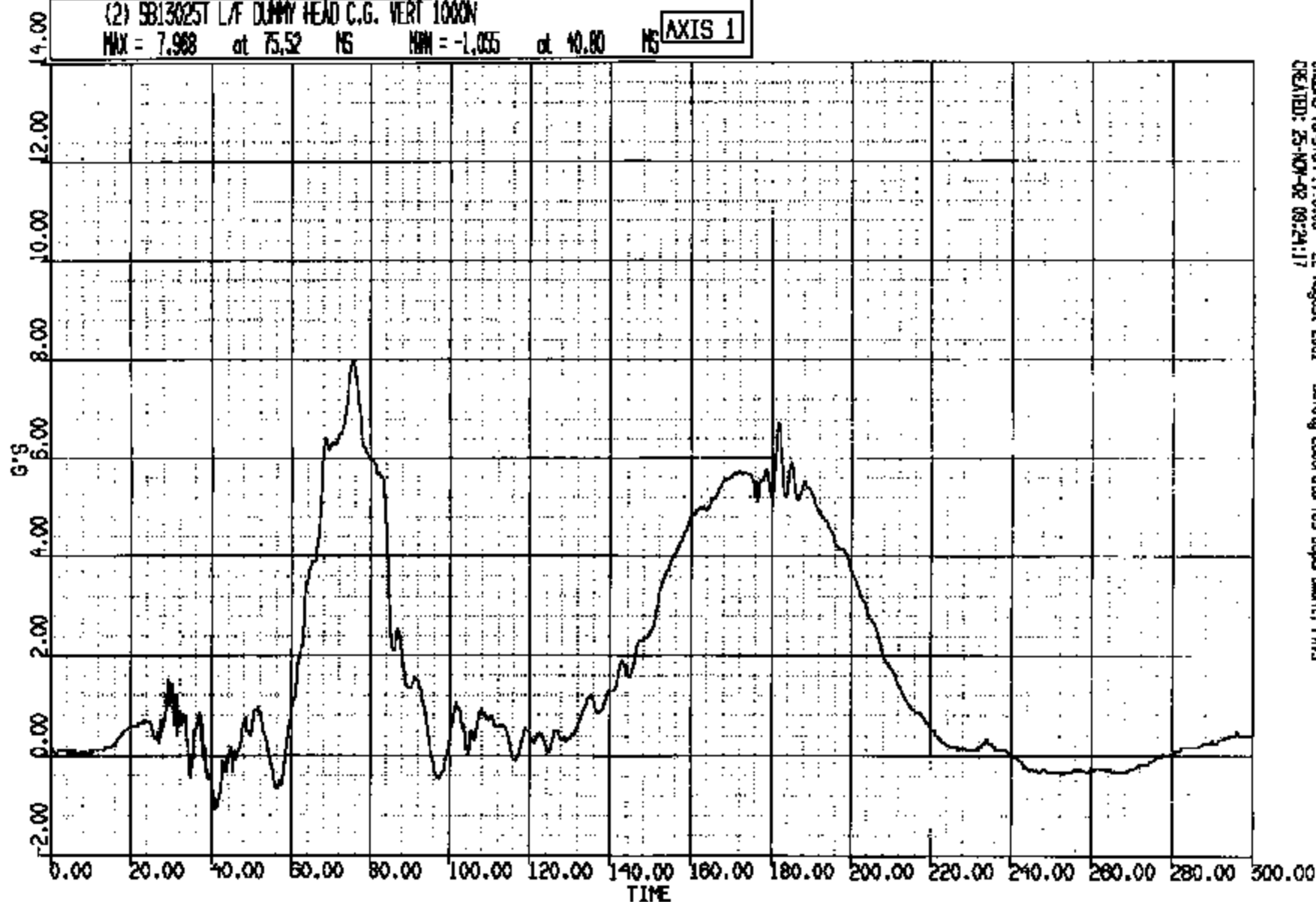
CRTS 0013025

SB R: 13025 TO: JB8953 DATE: 31-JUL-2002 13:51:53
2003 EN114

(2) SB13025T L/F DUMMY HEAD C.G. VERT 1000N

MAX = 7.968 at 75.52 MS MIN = -1.035 at 10.80 MS

AXIS 1



CASUS Version 1.8.03 - 22-August-2001 Safety Laboratories Department, PWS
CREATED: 25-NOV-02 09:24:17

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CRIS 0013025

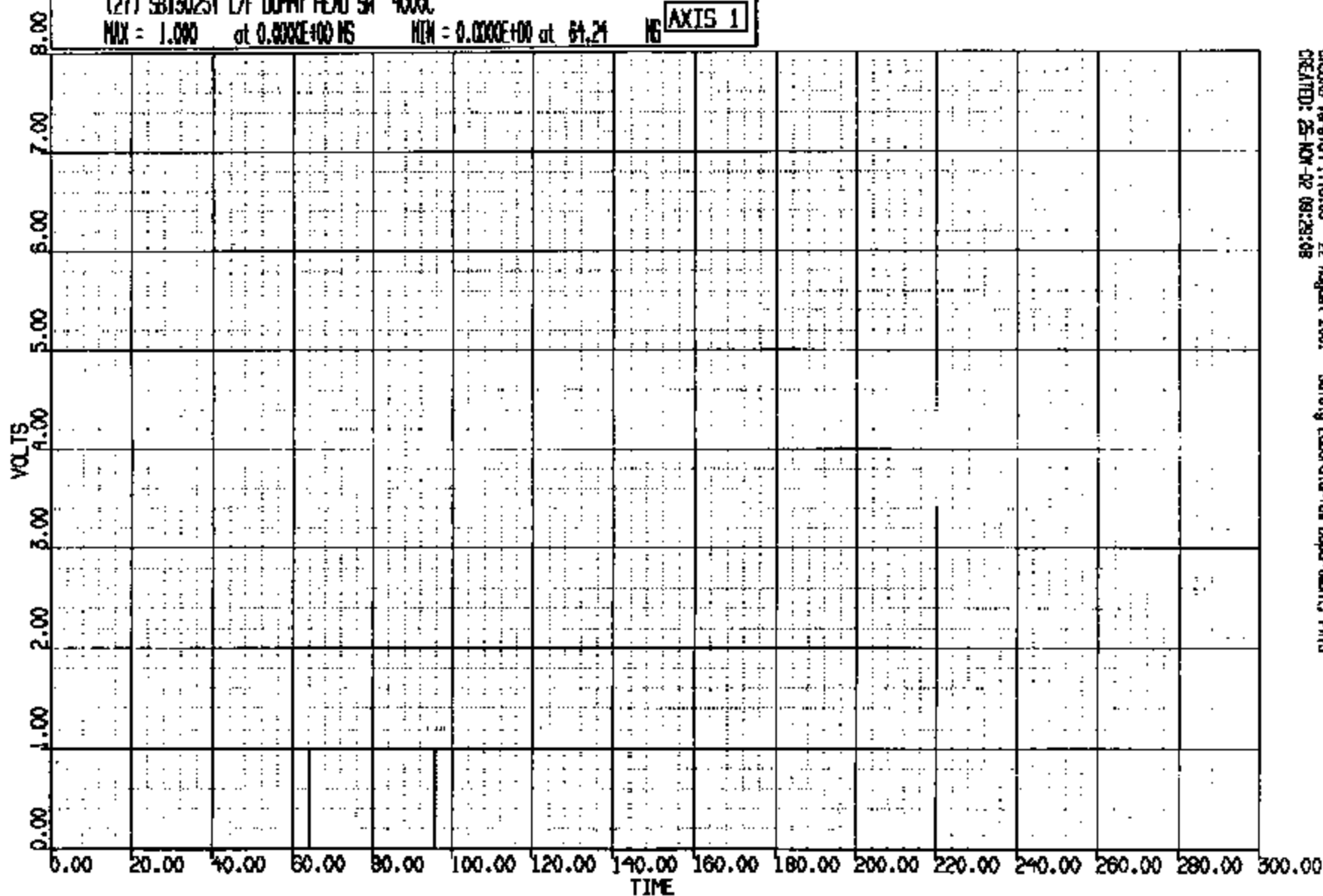
SB R: 13025 TO: JB8953 DATE: 31-JUL-2002 13:51:53
2003 EN114

(27) SB130251 L/T DUMMY HEAD SA 4000C

MAX = 1.000 at 0.000E+00 NS

MIN = 0.000E+00 at 64.24 NS

NS AXIS 1



CASINS Version 1.18.03 - 22 August 2001 Safety Laboratories Department, PMS
CREATED: 25 NOV 02 09:29:08

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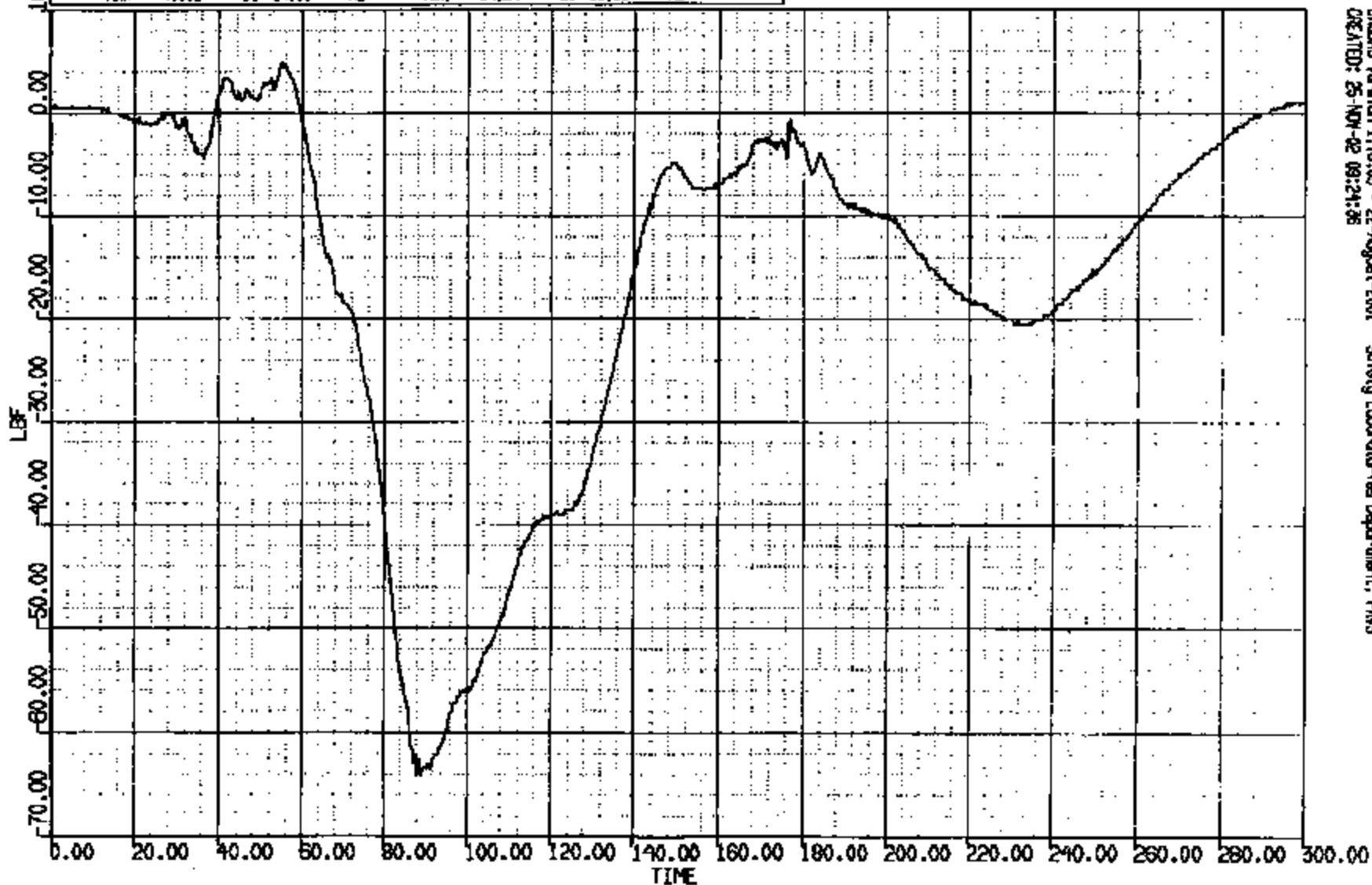
CRIS 0013025

SB R: 13025 TO: J86855 DATE: 31-JUL-2002 15:51:53
2003 EN114

(4) SB13025T L/F DUMMY NECK UPPER LOAD FX 1000N

MAX = 1.991 at 54.88 NS MIN = -64.24 at 88.95 NS

AXIS 1



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PWS
CREATED: 25-NOV-02 09:24:26

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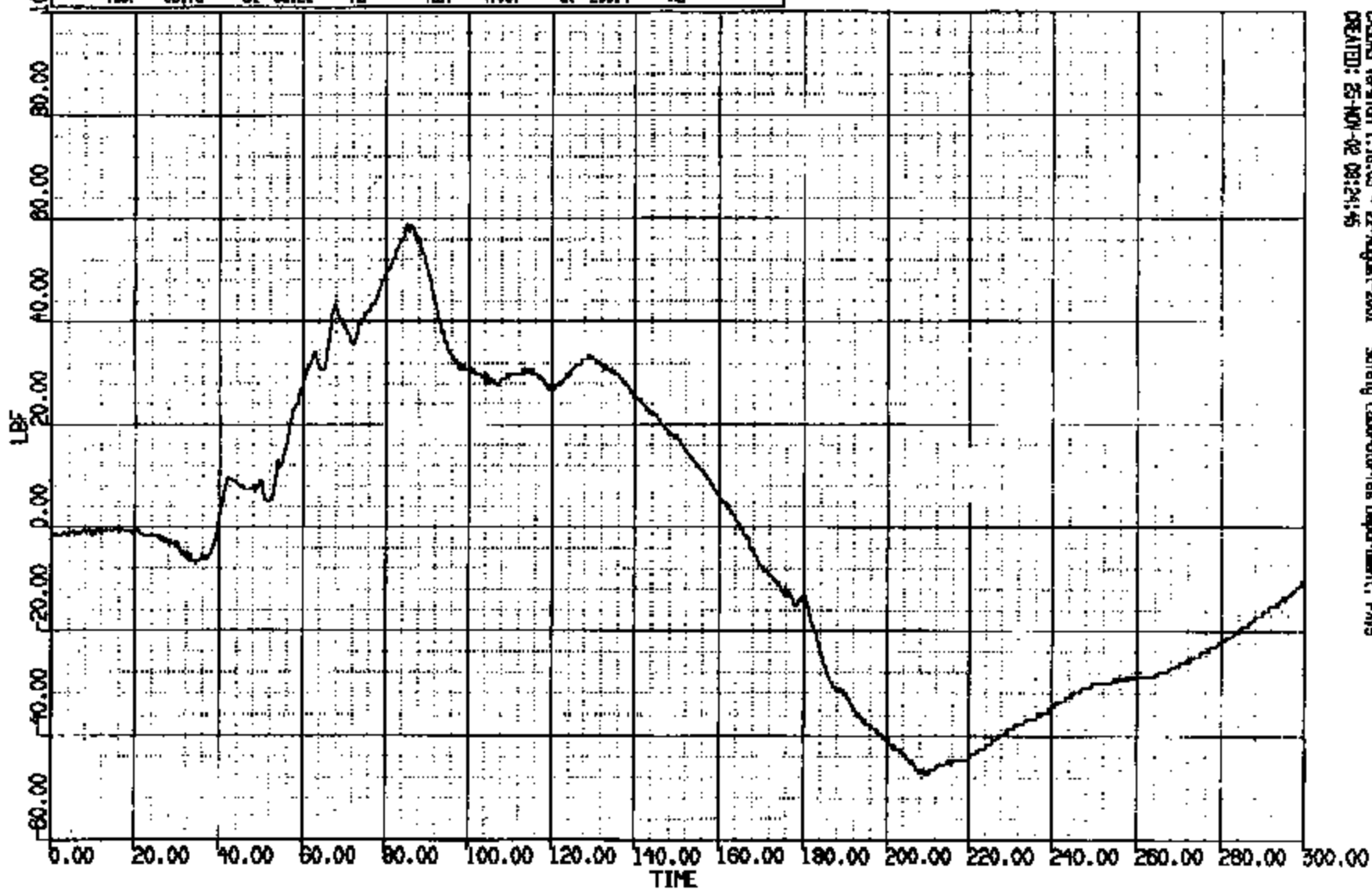
CRTS 0013025

SB R: 13025 TO: JB6852 DATE: 31-JUL-2002 12:51:52
2003 EN114

(5) SB130251 L/F DUMMY NECK UPPER LOAD FY 1000N

MAX = 58.79 at 85.20 MG MIN = -47.57 at 209.1 MG

AXIS 1



CRSNG Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-NOV-02 09:24:45

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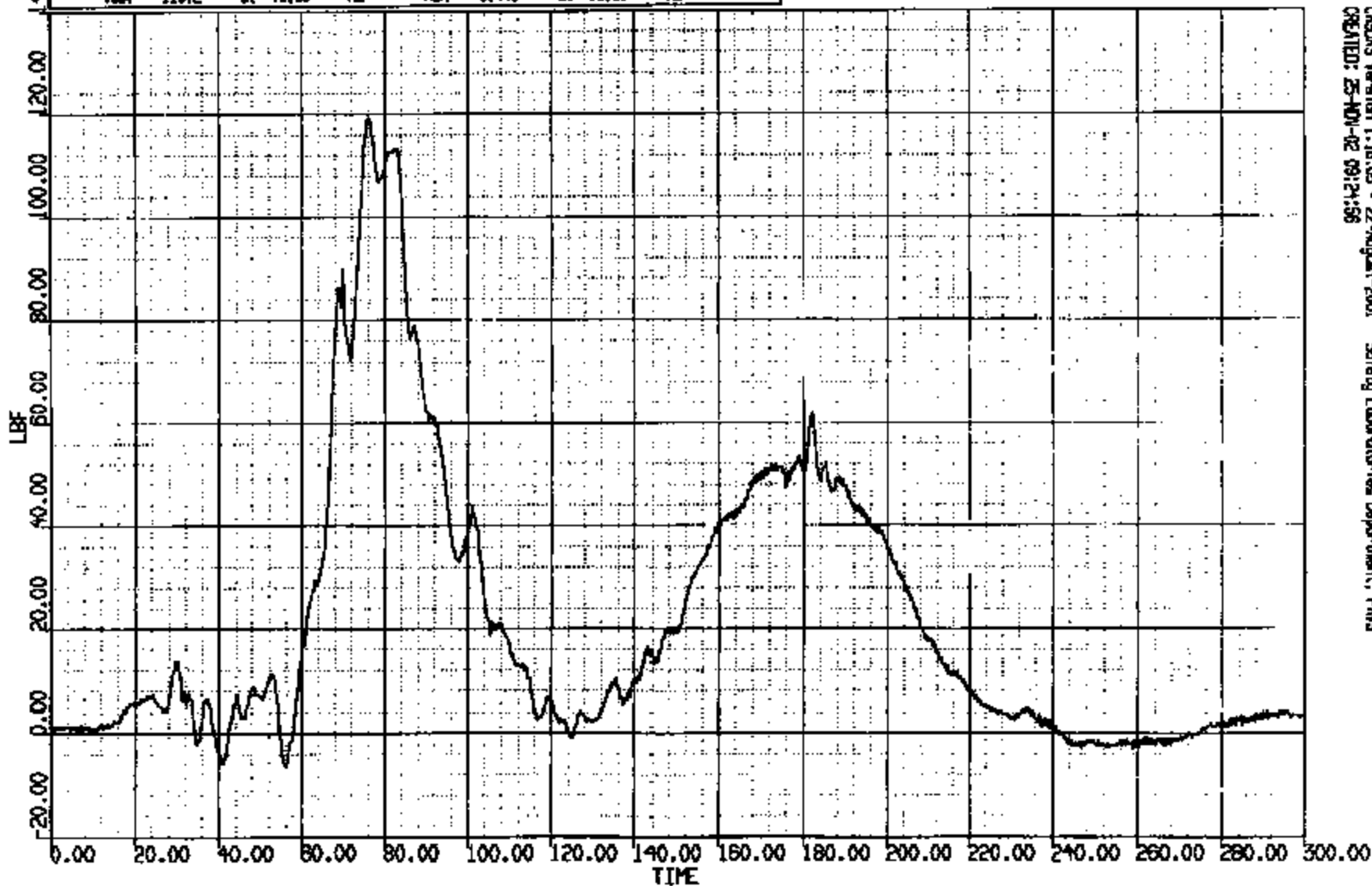
CRIS 0013025

SB R: 15025 TC: J8855 DATE: 31-JUL-2002 13:51:53
2003 EN114

(6) SB13025 L/F DUMMY NECK UPPER LOAD FZ 1000N

MAX = 119.2 at 75.08 MS MIN = -6.411 at 56.00 MS

AXIS 1

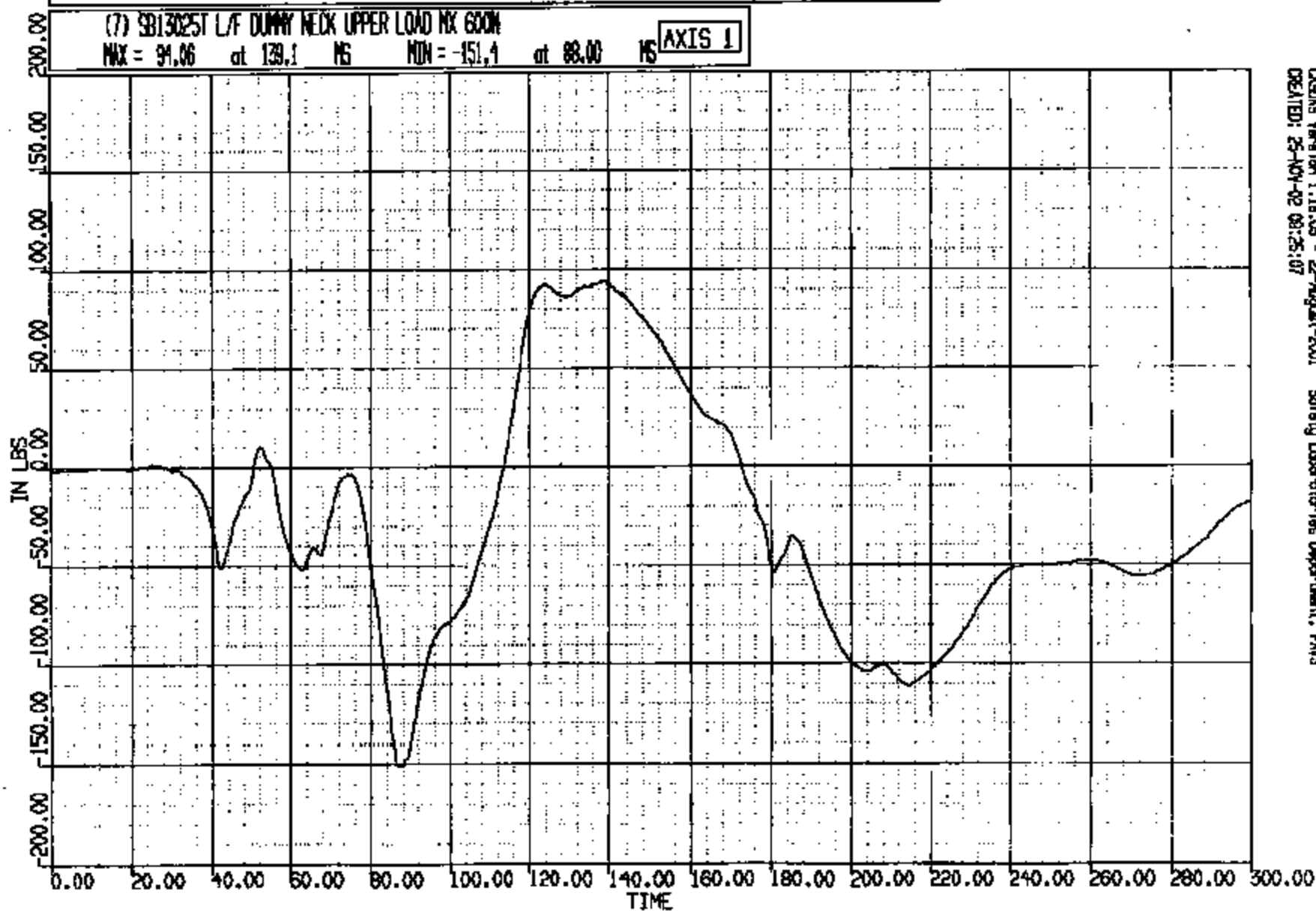


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CASINS Version 1.1B.03 - 22-August-2001 Safety Laboratories Department, PMS
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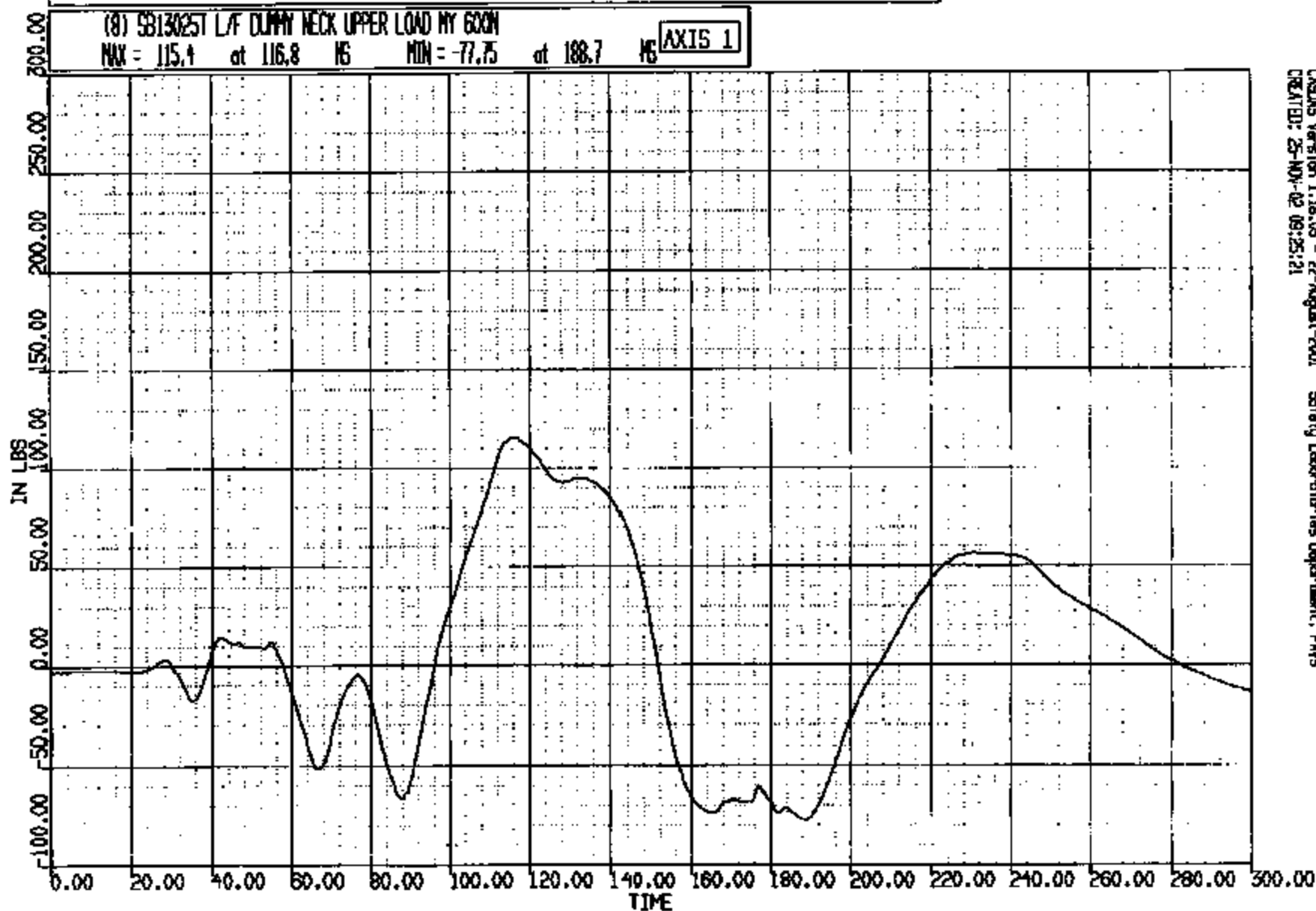
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2008 EN114

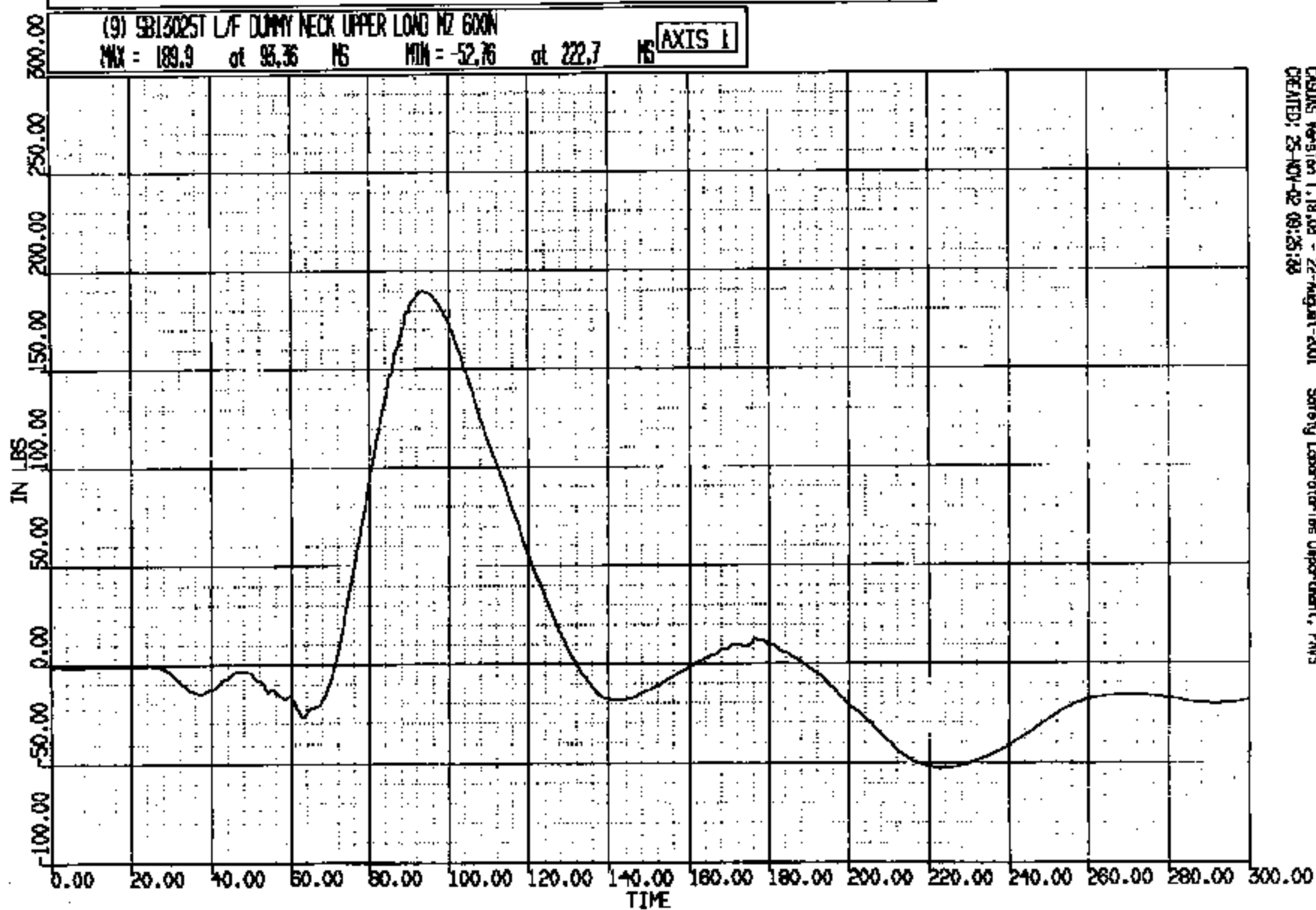
(8) SB13025T L/F DUMMY NECK UPPER LOAD MY 600N

MAX = 115.1 at 116.8 MS MIN = -77.75 at 188.7 MS

AXIS 1



SB R: 13025 TO: JB6853 DATE: 31-JUL-2002 13:51:53
2008 EN114

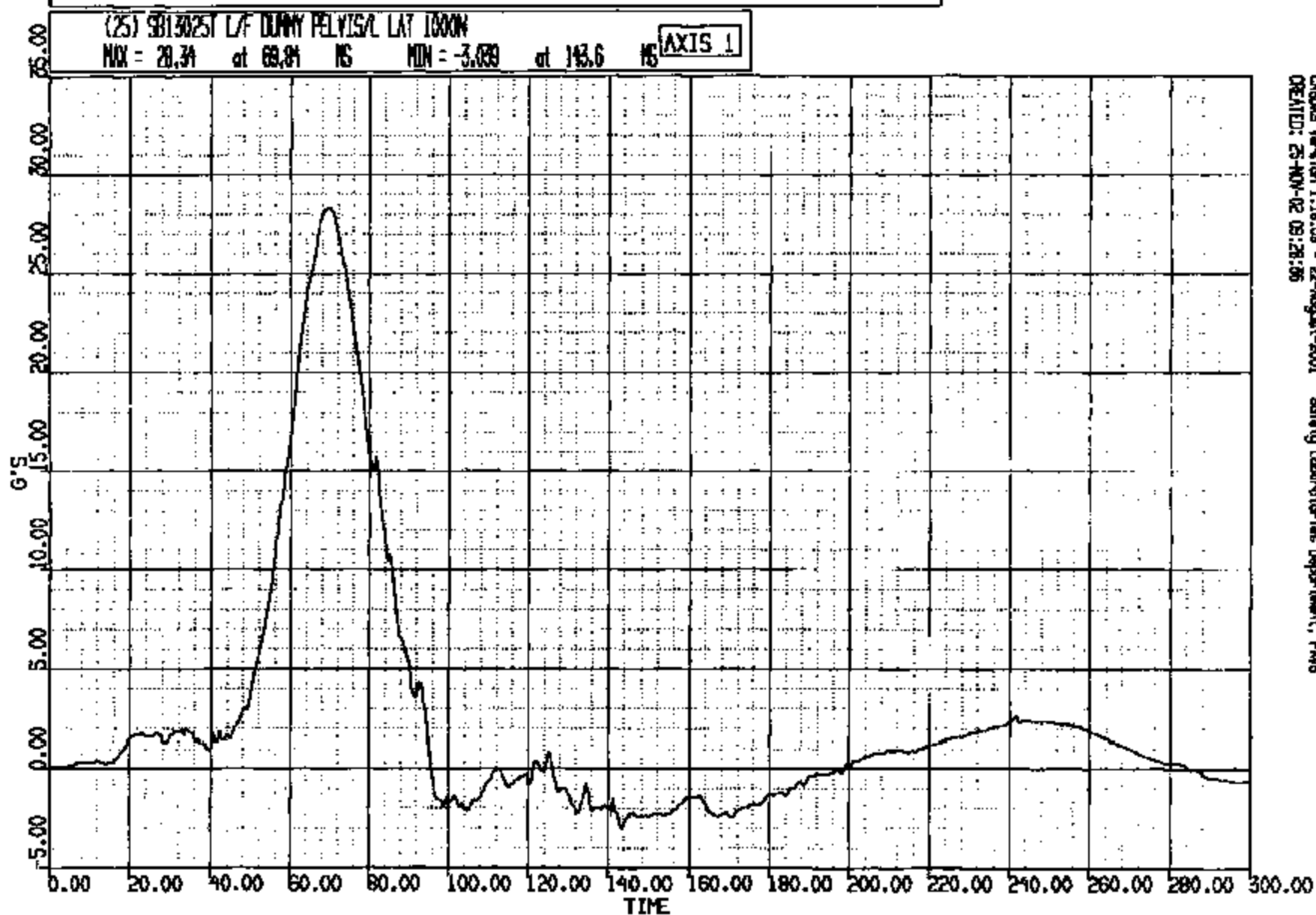


CASINS Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PMS
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CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
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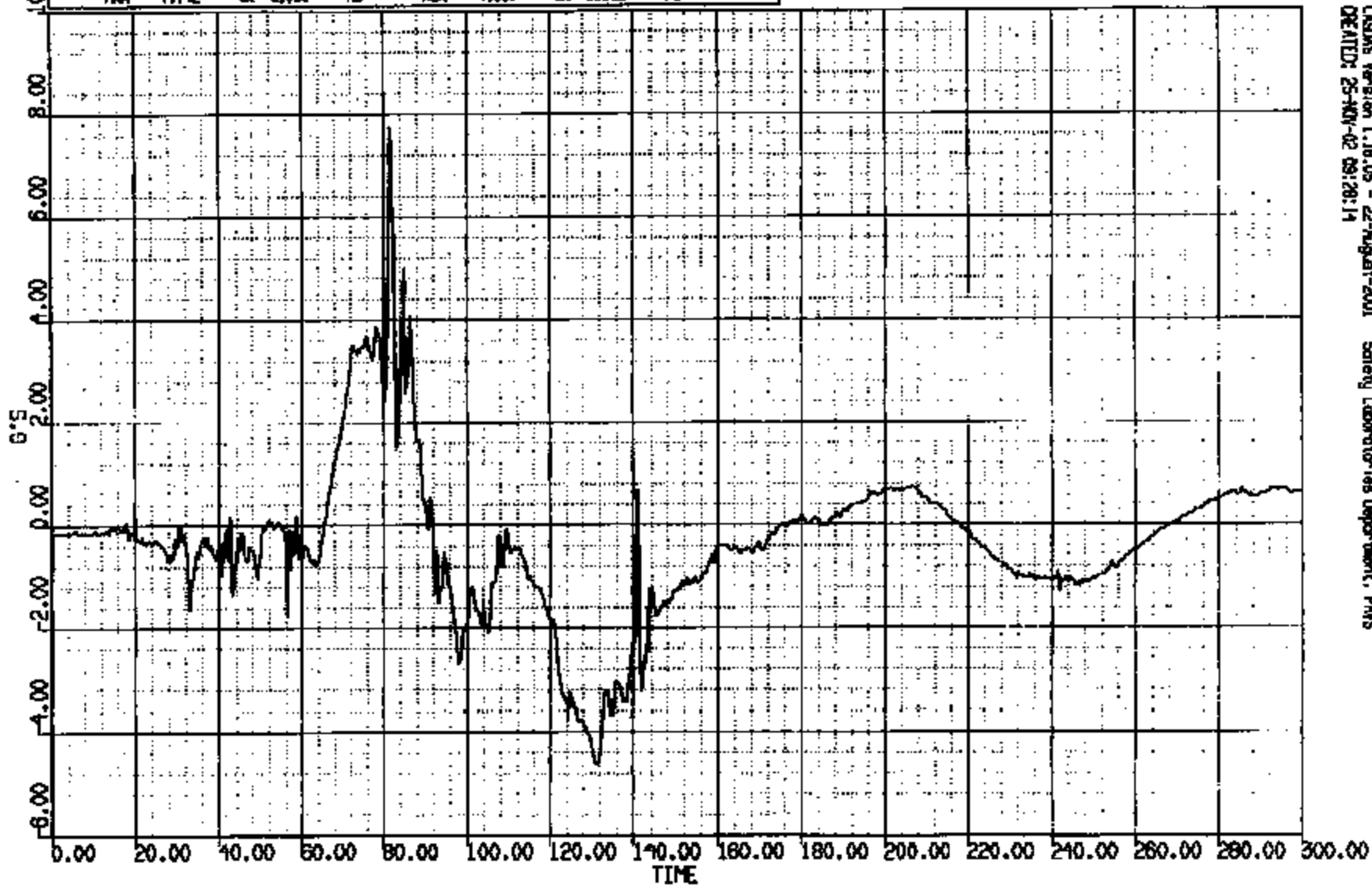
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SB R: 13025 TO: J86853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(23) SB13025T L/F BUNNY PELVIS LONG 1000N

MAX = 7.712 at 81.60 MS MIN = -1.067 at 131.2 MS

AXIS 1



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CREATED: 25-MAY-02 09:28:14

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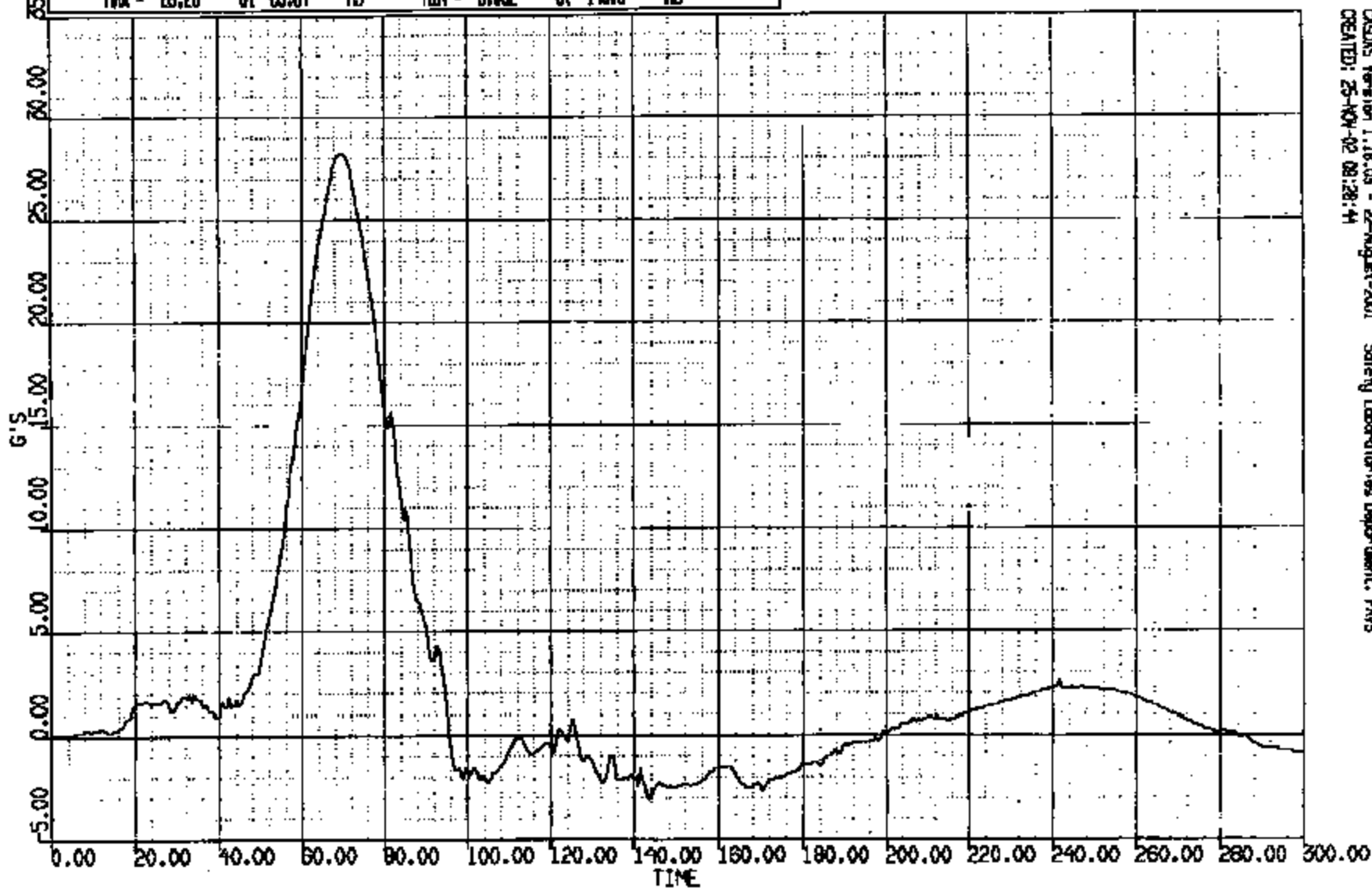
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SB R: 13025 TO: J88853 DATE: 31-JUL-2002 13:51:53
2002 EN11A

(26) SB13025 L/F DUMMY PELVIS/R LAT 1000M

MAX = 28.28 at 69.81 MS MIN = -3.062 at 143.5 MS

AXIS 1



CASINS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-NOV-02 08:28:44

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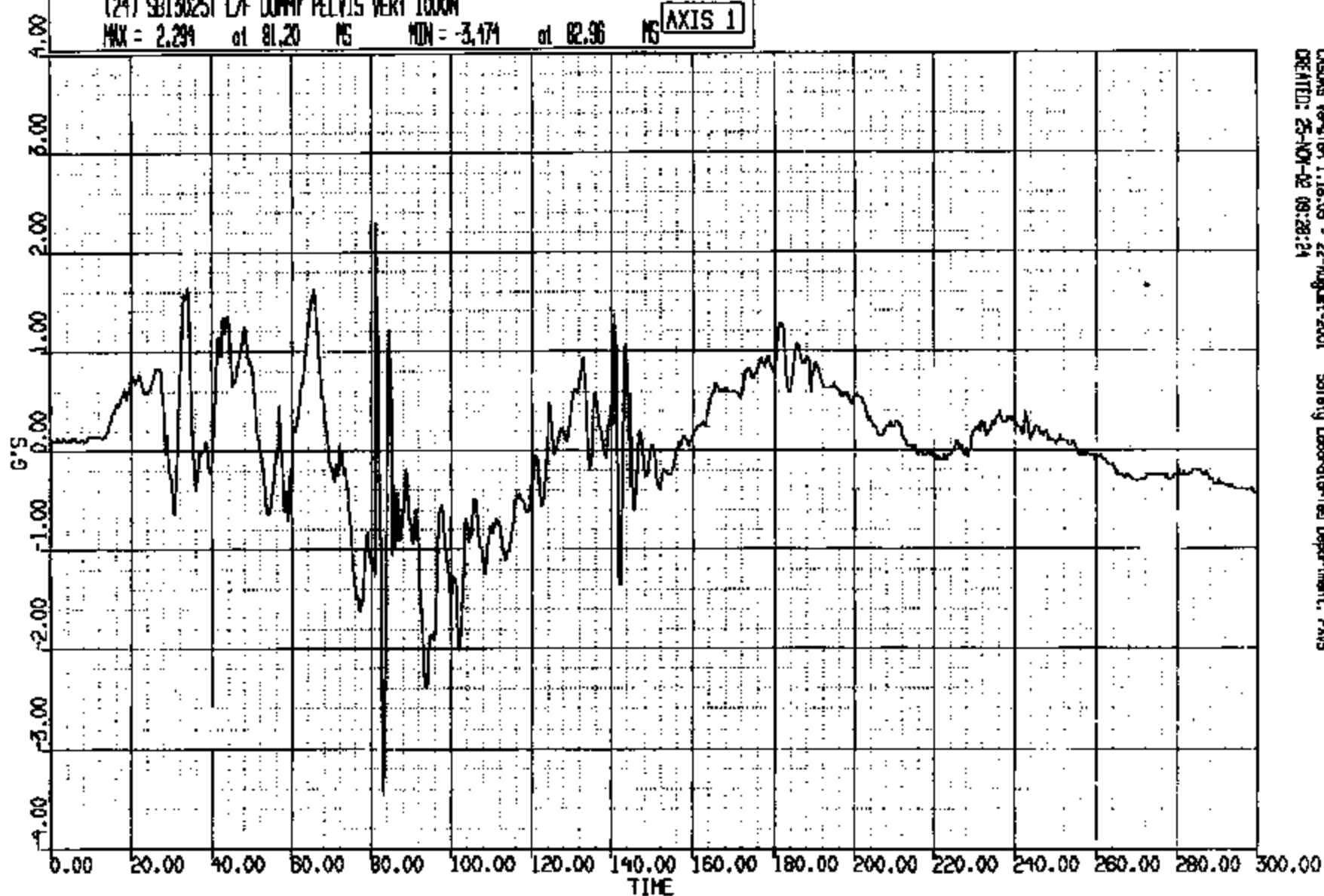
CRTS 0013025

SB R: 13025 TO: J88853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(24) SBI3025T L/F DUMMY PELVIS VERT 1000N

MAX = 2.294 at 81.20 MS MIN = -3.174 at 82.96 MS

AXIS 1



CASIMS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PWS
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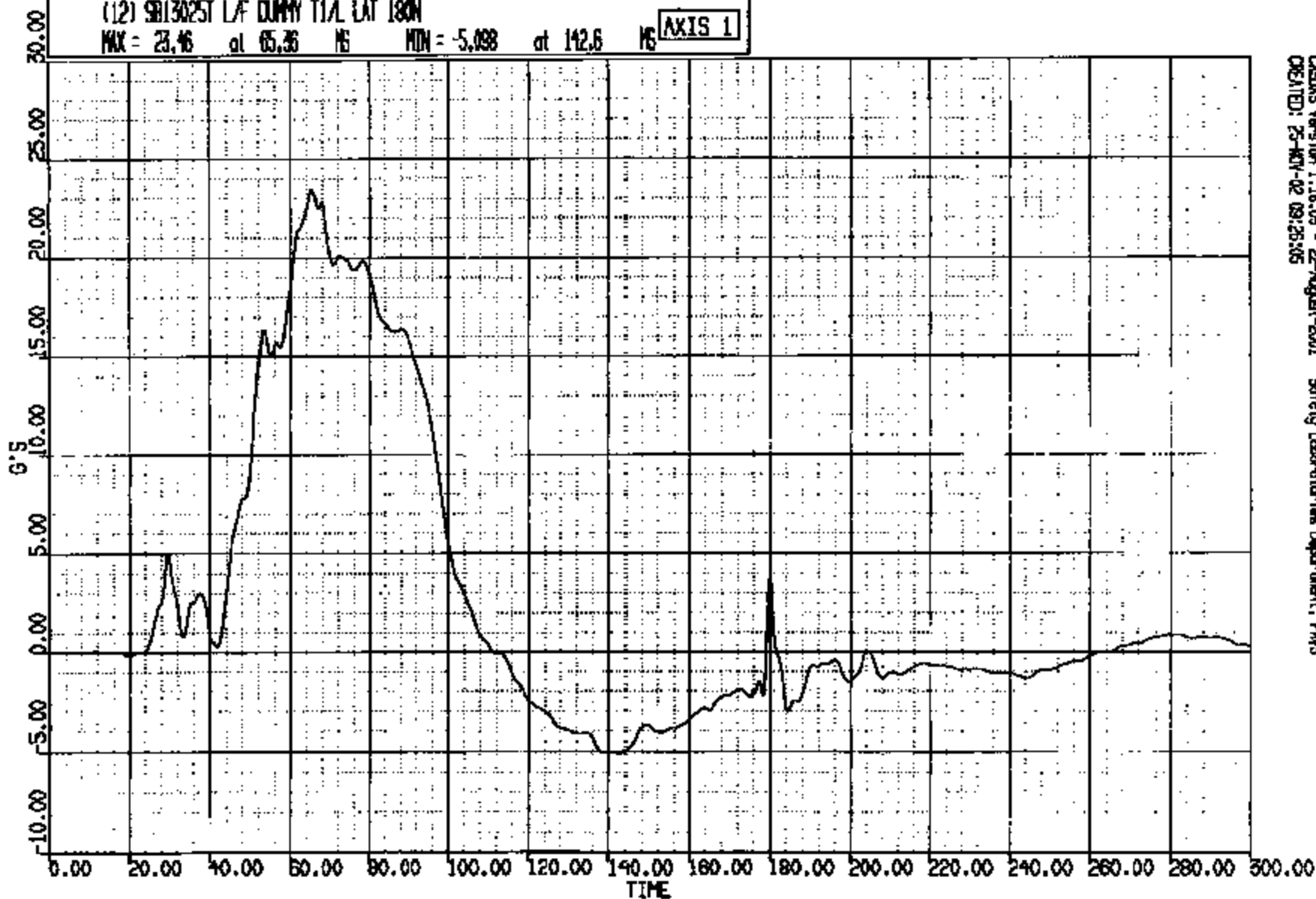
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2003 EN114

(12) SB13025T LAF DUMM T1A LAT 180N

MAX = 23.46 at 65.36 MS MIN = -5.098 at 142.6 MS

AXIS 1



CASINS Version 1.16.05 - 22-August-2001 Safety Laboratories Department, PHS
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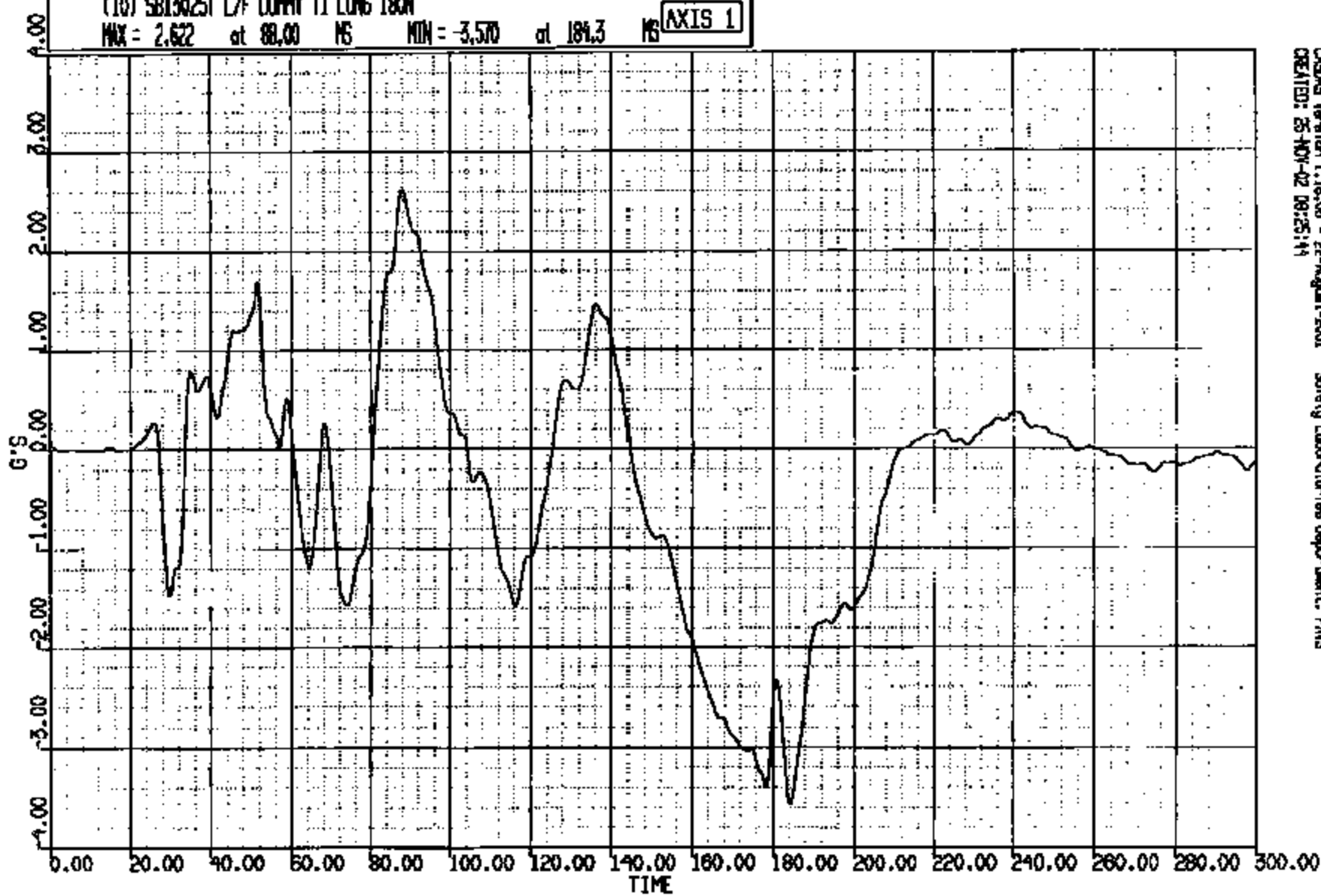
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SB R1 13025 TO: J26953 DATE: 31-JUL-2002 13:51:53
2003 EN114

(10) SB13025T L/F DUMMY T1 LONG 180N

MAX = 2.622 at 88.00 MS MIN = -3.570 at 184.3 MS

AXIS 1



CRS05 Version 1.18.08 - 22-Aug-2001 Safety Laboratories Department, PMS
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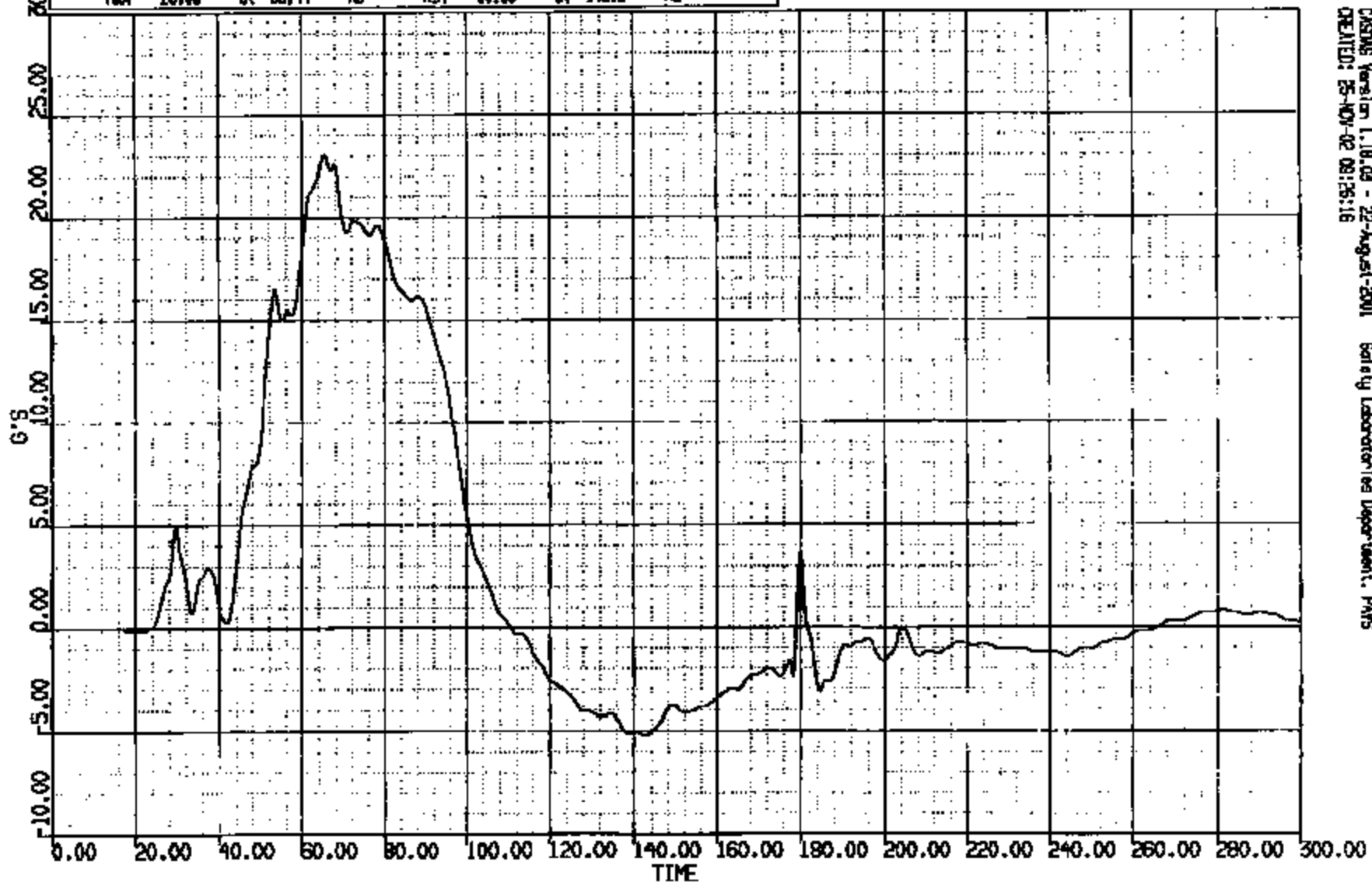
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SB R: 13025 TO: J98858 DATE: 31-JUL-2002 13:51:53
2003 EN114

(13) SB130251 L/F DUMMY T1/R LAT 180N

MAX = 23.00 at 65.44 NS MIN = -5.183 at 142.8 NS

AXIS 1



CASME Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PHS
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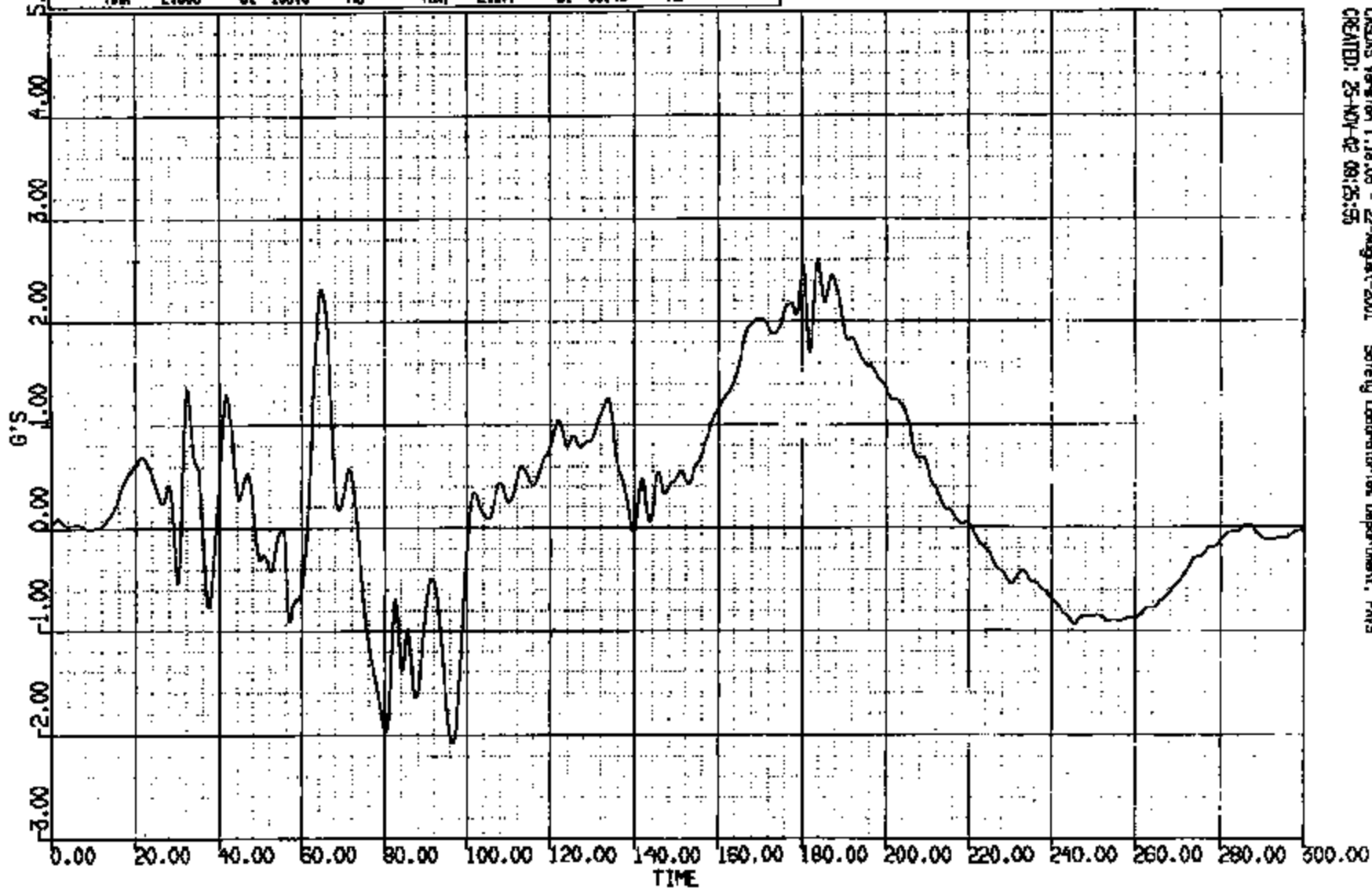
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SB R: 13025 TO: J88953 DATE: 31-JUL-2002 13:51:53
2008 EN114

(11) SB13025T L/F DUMMY T1 VERT 180N

MAX = 2.595 at 183.9 NS MIN = -2.077 at 96.48 NS

AXIS 1



CASINS Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PMS
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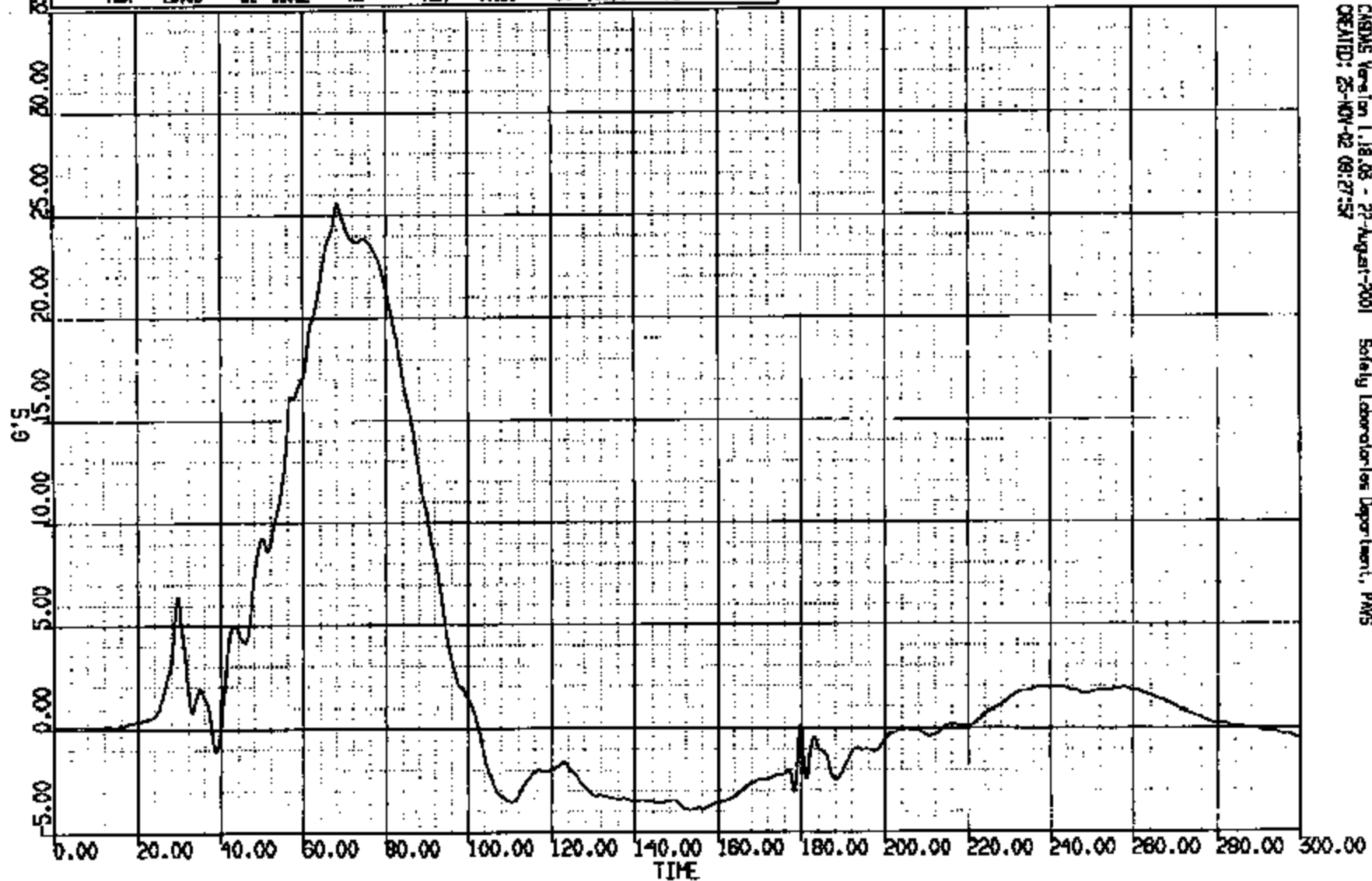
CRIS 0013025

SB R: 13025 TD: J86853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(21) SB13025 L/F DUNNY T12/FRT LAT 180W

MAX = 25.58 at 68.32 MS MIN = -3.923 at 153.1 MS

AXIS 1



CASME Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PMS
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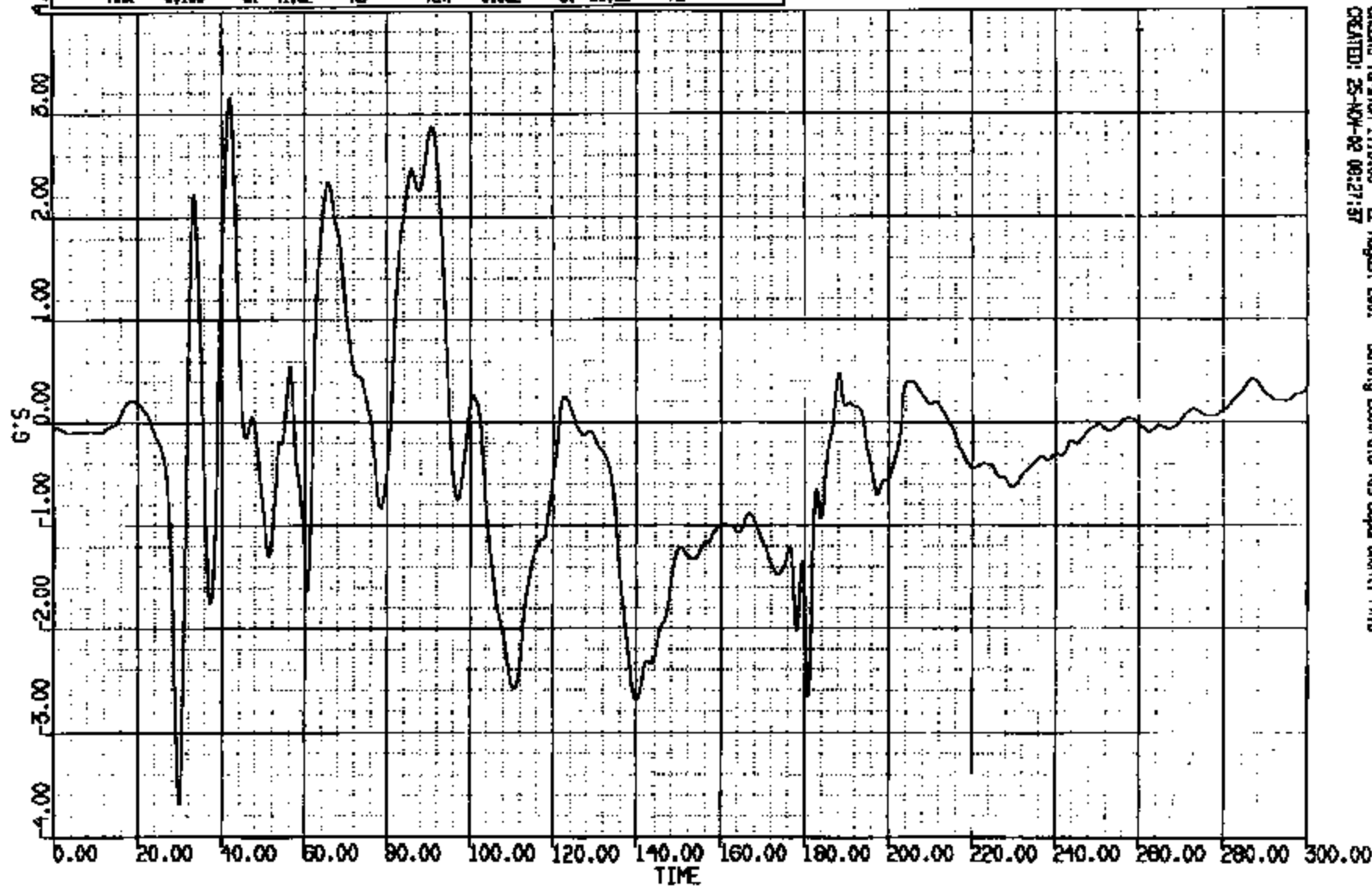
CRTS 0013025

SB R: 12025 TO: JB6955 DATE: 31-JUL-2002 13:51:53
2005 EN114

(19) SB13025 L/F DUNNY T12 LONG 180N

MAX = 3.159 at 41.92 MS MIN = -3.682 at 29.92 MS

AXIS 1



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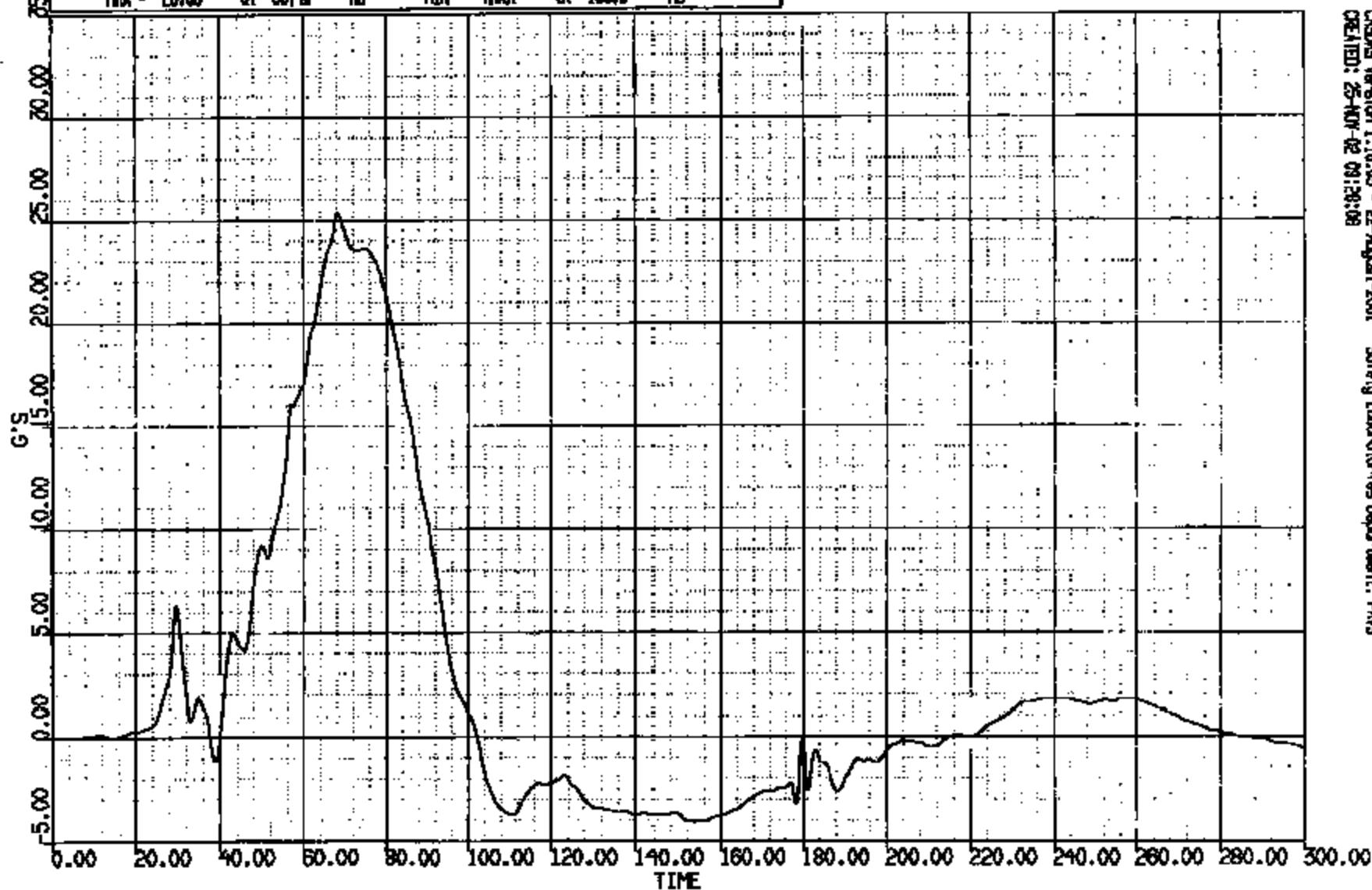
CRTS 0013025

SB R: 13025 TO: J06253 DATE: 31-JUL-2002 13:51:33
2003 EN114

(22) SB13025 L/F DUNNY T12/REAR LAT 180N

MAX = 25.36 at 68.40 HS MIN = -4.061 at 152.5 HS

AXIS 1



CASMS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PHS
CREATED: 25-NOV-02 09:28:08

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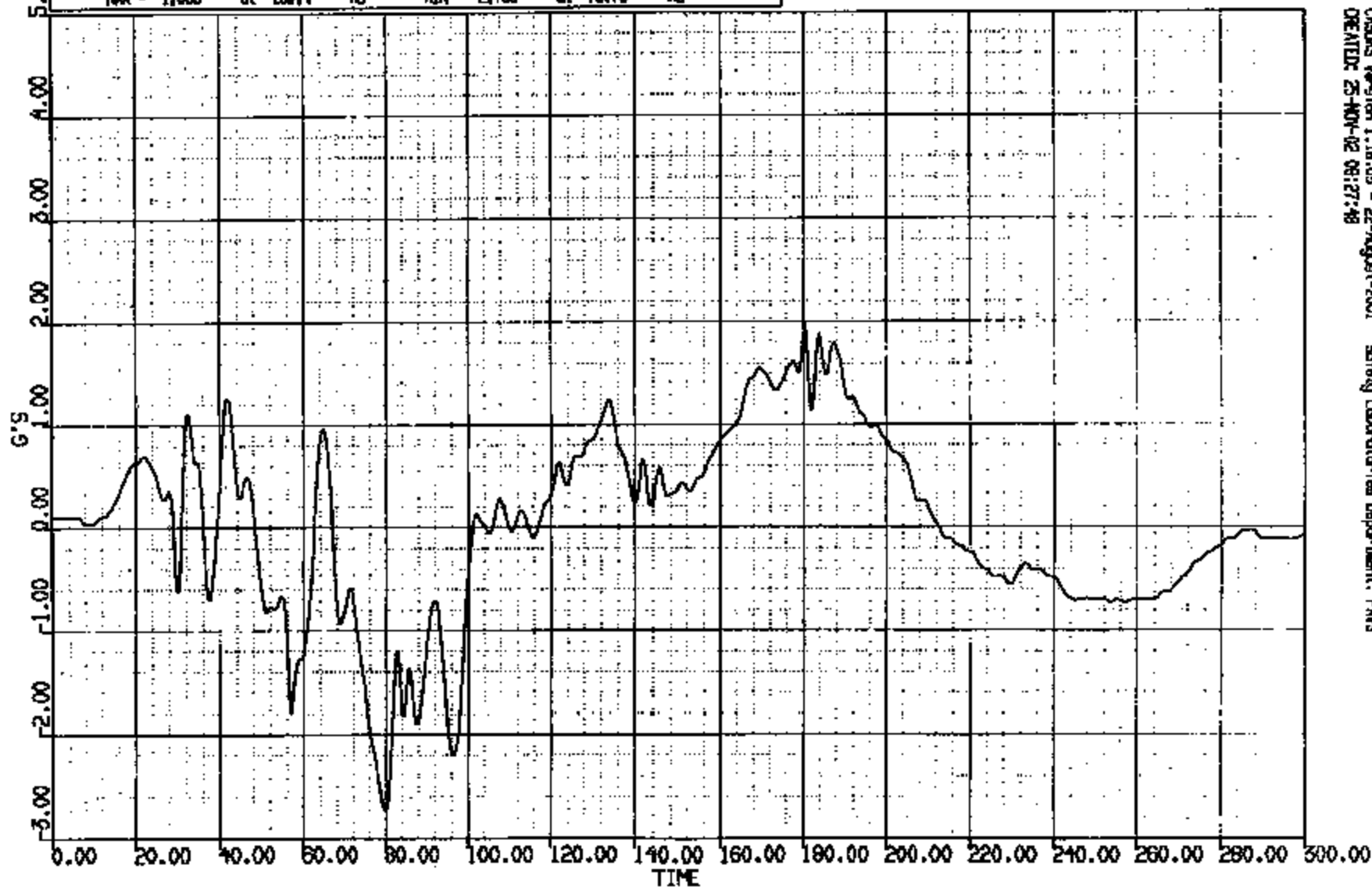
CRIS 0013025

SB R: 13025 TO: J28853 DATE: 31-JUL-2002 18:51:53
2003 EN114

(20) SB13025T L/F DUMMY T12 VERT 180N

MAX = 1.986 at 180.4 NS MIN = -2.750 at 79.75 NS

AXIS 1

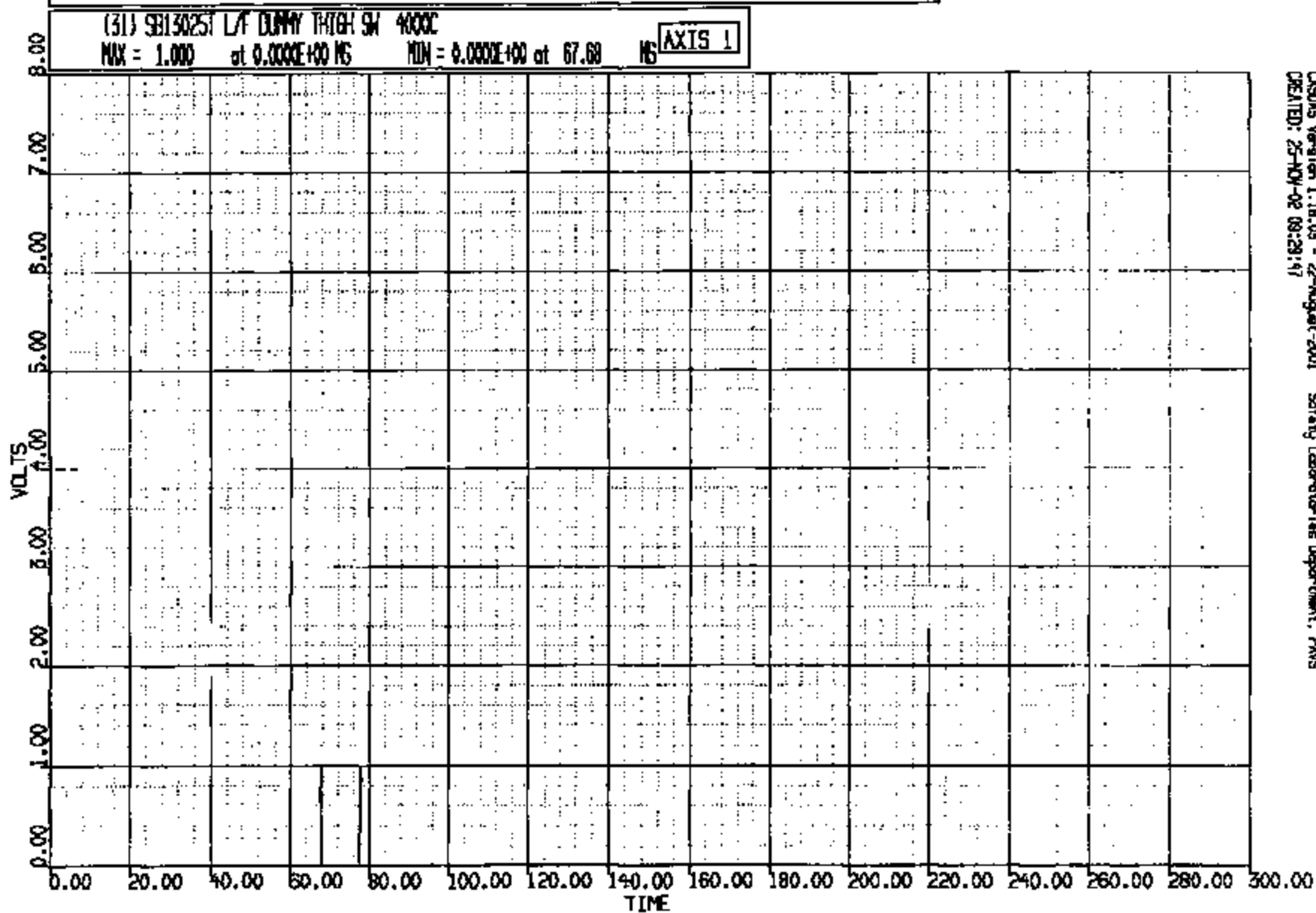


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CREATED: 25-AUG-02 08:27:48
Safety Laboratory Department, PAVS

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CRIS 0013025

BB R: 18025 TO: J28953 DATE: 31-JUL-2002 13:51:53
2003 EN114



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PWS
CREATED: 25-NOV-02 09:29:47

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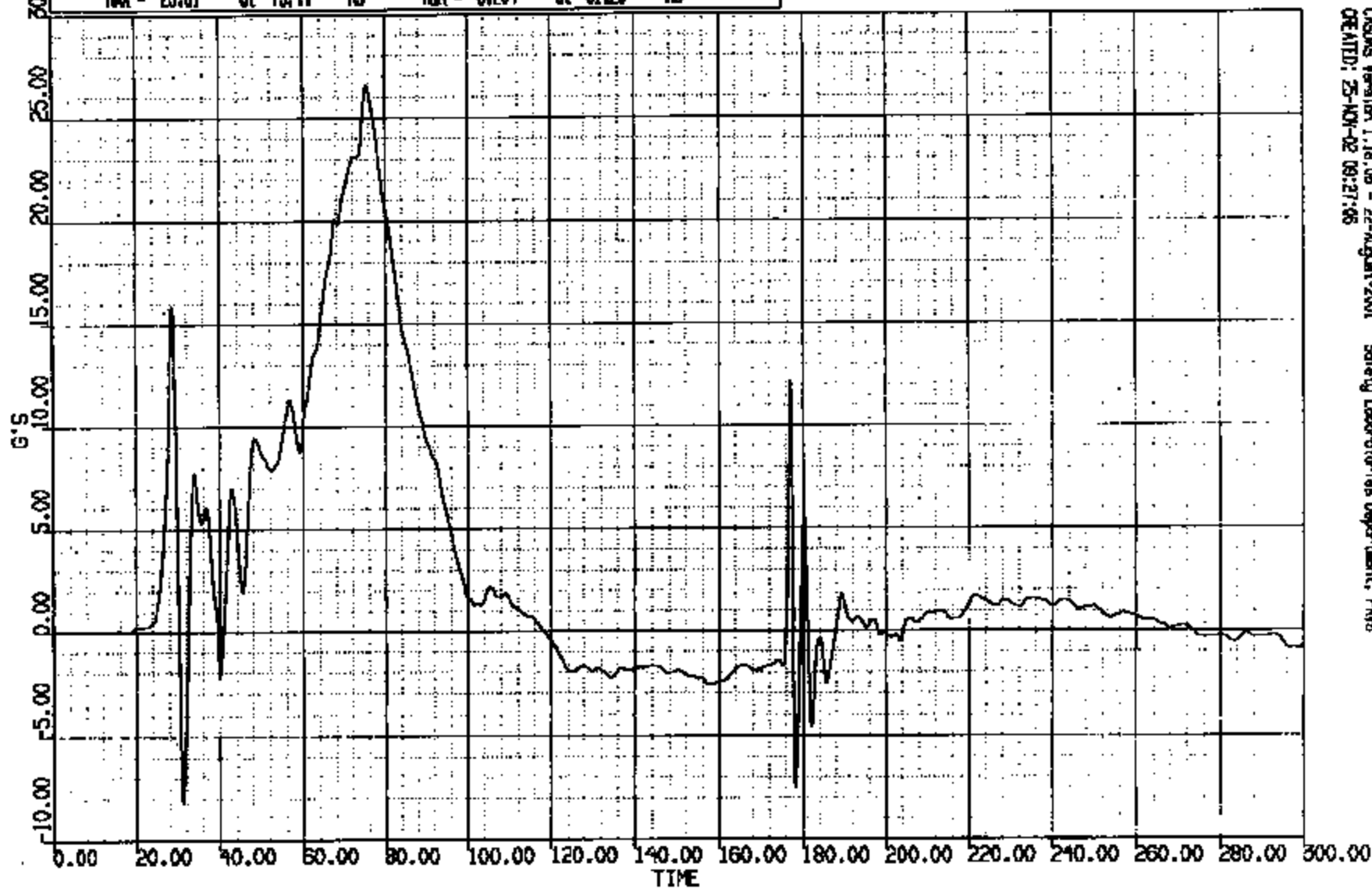
CRIS 0013025

SB R: 18025 TO: J88953 DATE: 31-JUL-2002 12:51:53
2003 EN114

(16) SB13025T L/F DUMMY THORAX/RIB/LOFRT LAT 180N

MAX = 26.61 at 75.44 MS MIN = -9.204 at 31.20 MS

AXIS 1



CASIMS Version 1.18.06 - 22-August-2001 Safety Laboratories Department, PAFB
CREATED: 25-NOV-02 09:27:06

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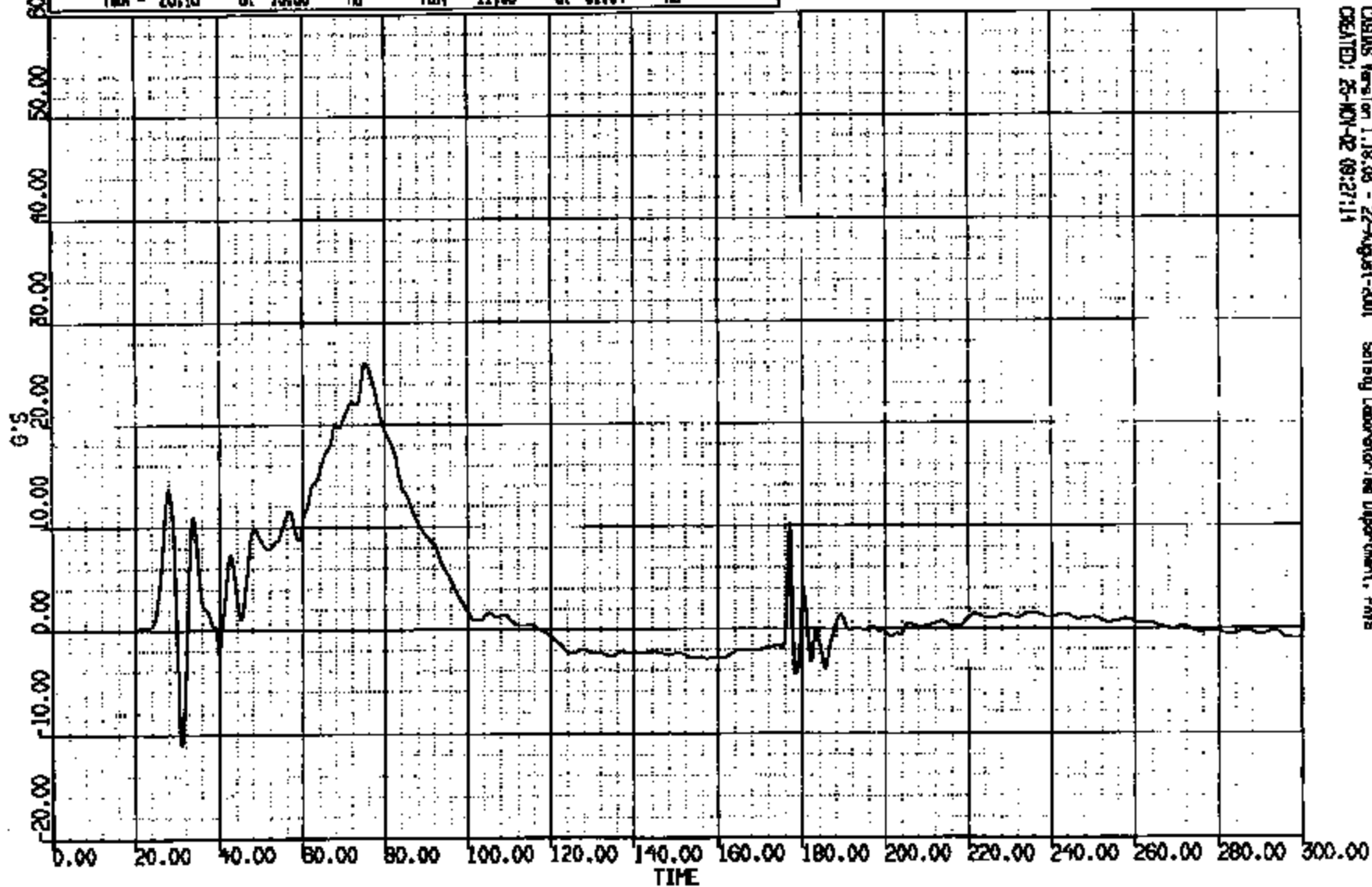
CRTS 0013025

SB R: 13025 TO: JB6855 DATE: 31-JUL-2002 13:51:53
2003 EN114

(17) SB13025 L/F DUMMY THORAX/RIB/LOA/REAR LAT 180N

MAX = 26.16 at 75.36 MS MIN = -17.09 at 31.01 MS

AXIS 1



CRSUS Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PHS
CREATED: 25-MAY-02 09:27:14

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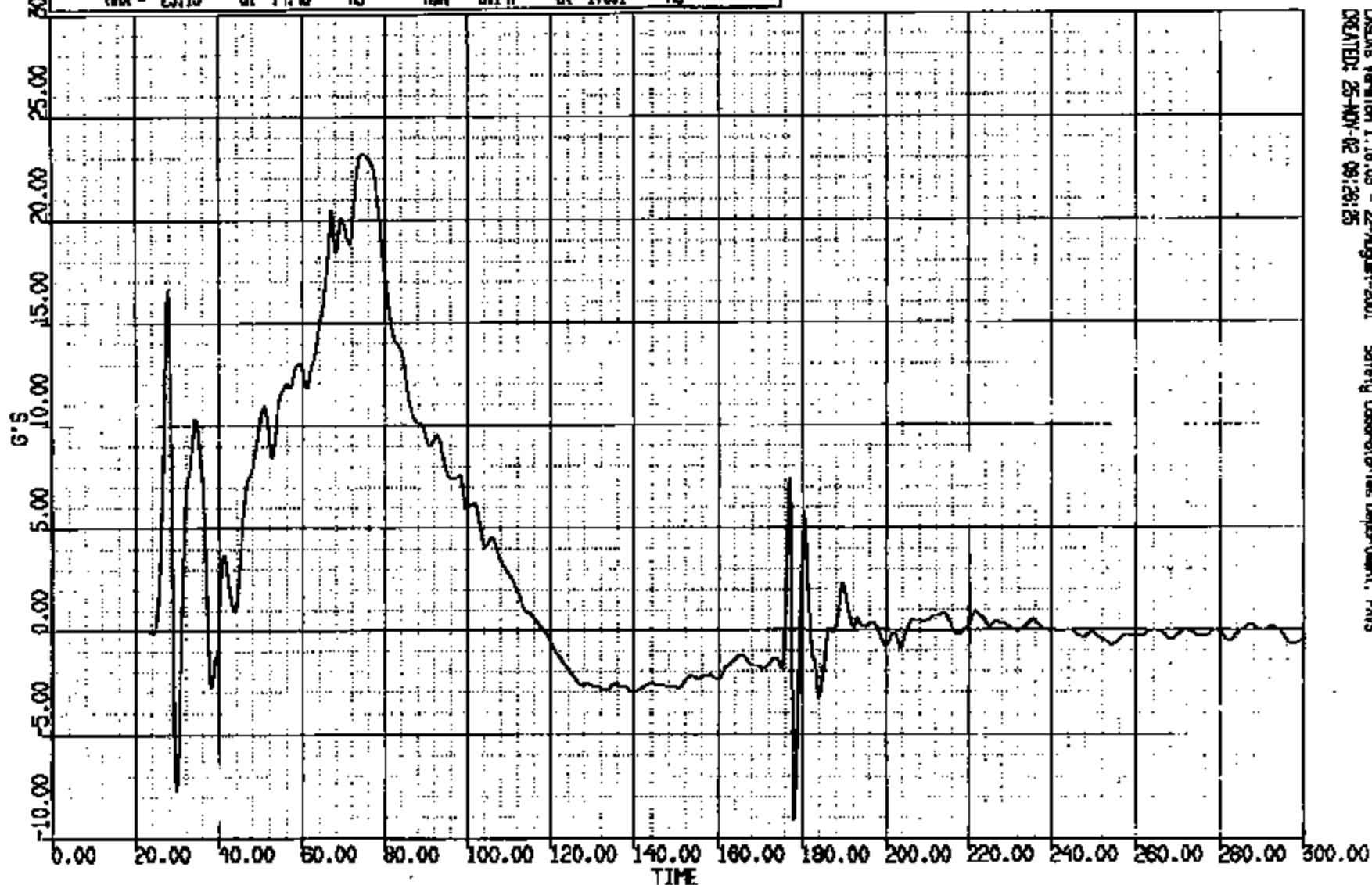
CRIS 0013025

SB R: 13025 TO: J08853 DATE: 21-JUL-2002 13:51:53
2003 EN114

(14) SB13025T L/F DUMMY THORAX/RIB/UP/RT LAT 180N

MAX = 23.19 at 74.48 MS MIN = -9.147 at 178.1 MS

AXIS 1



CASME Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PWS
CREATED: 25-MAY-02 09:28:25

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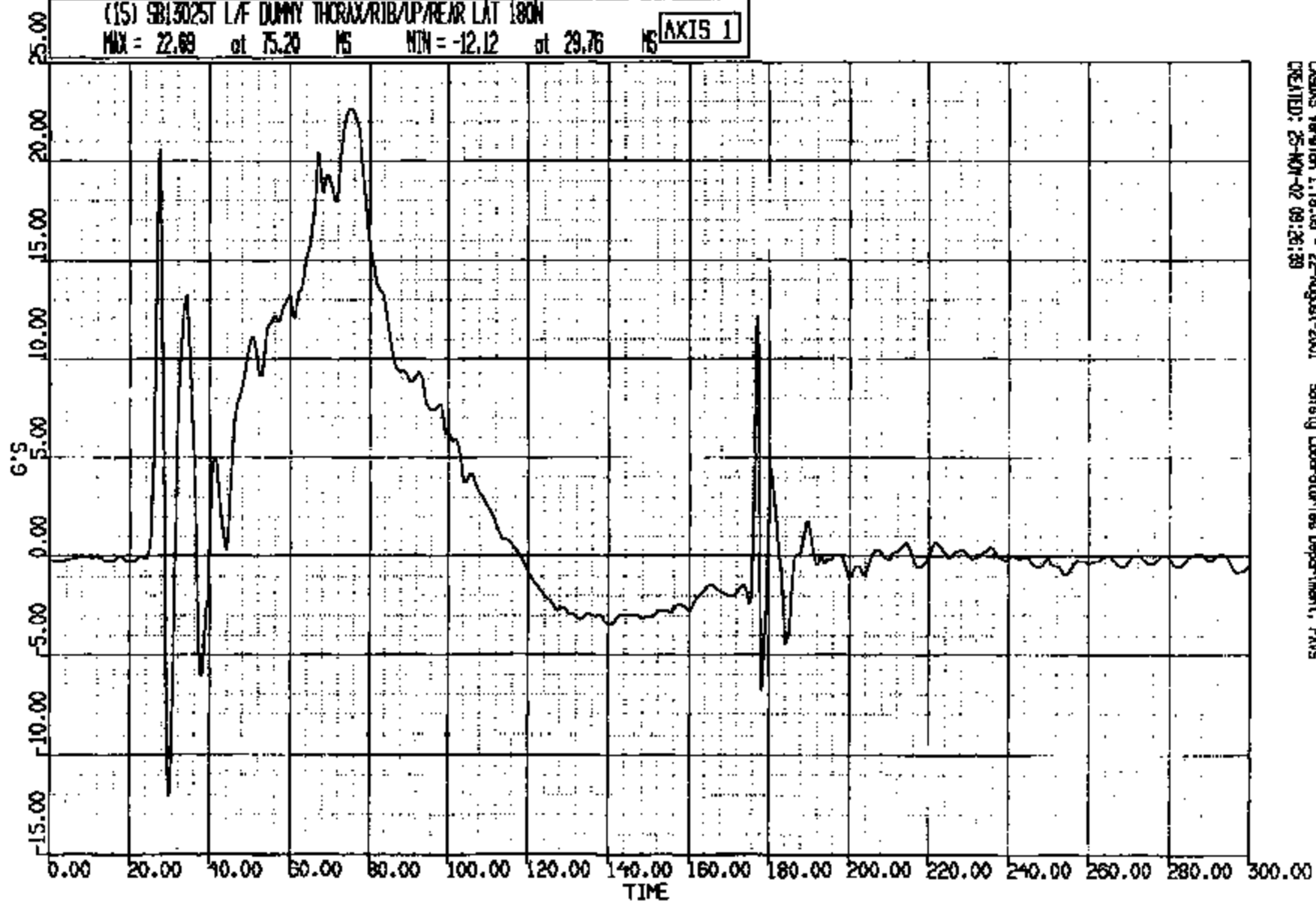
CRTS 0013025

SB R: 12025 TO: J86853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(15) SB130251 L/F DUMMY THORAX/RIB/UP/REAR LAT 180N

MAX = 22.69 at 75.29 MS MIN = -12.12 at 29.76 MS

AXIS 1

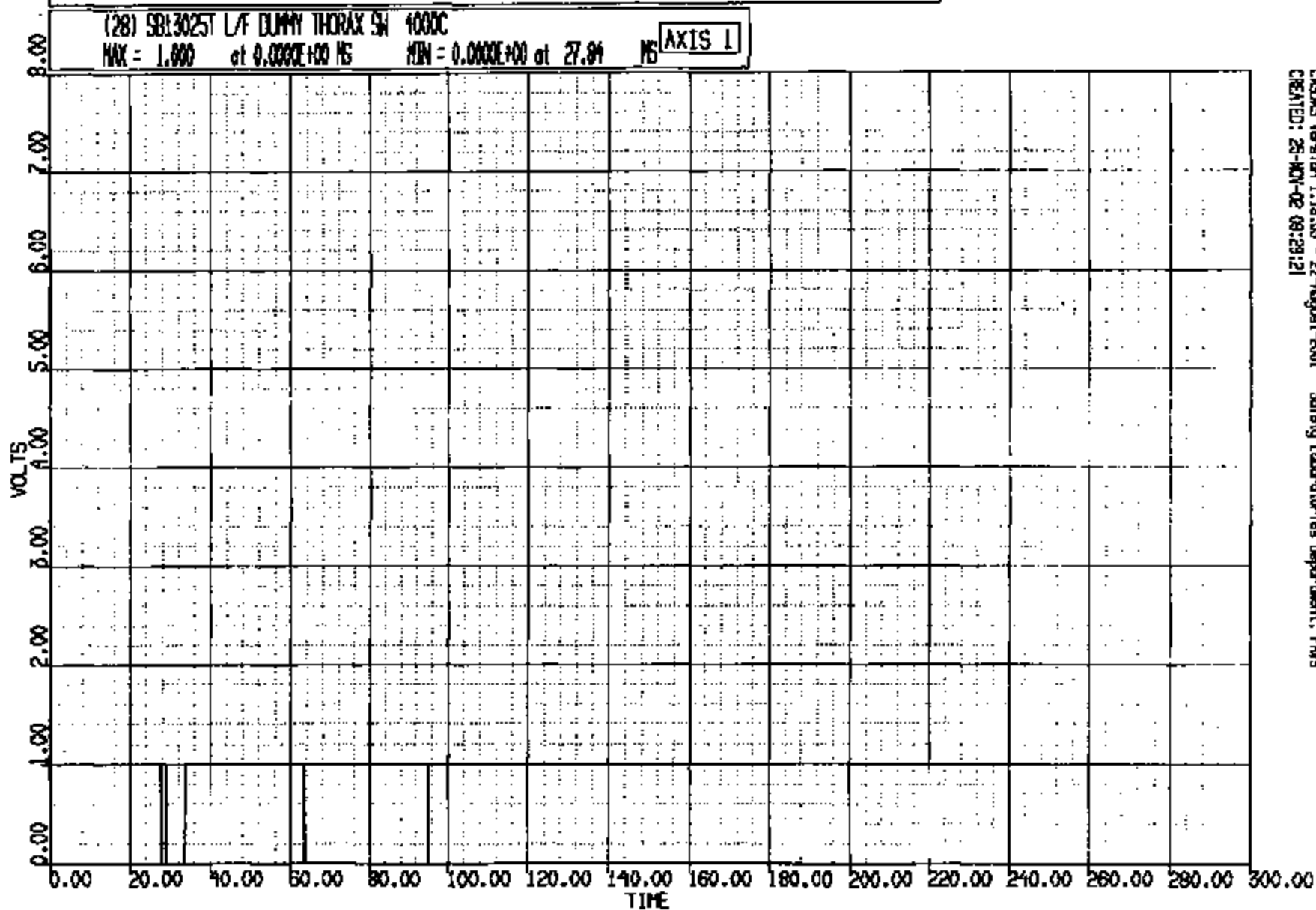


CASUS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
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CRIS 0013025

SB R: 13025 TO: J86953 DATE: 31-JUL-2002 18:51:53
2003 EN114



CASINS Version 1.18.08 - 22-August-2001 Safety Laboratories Department, PMS
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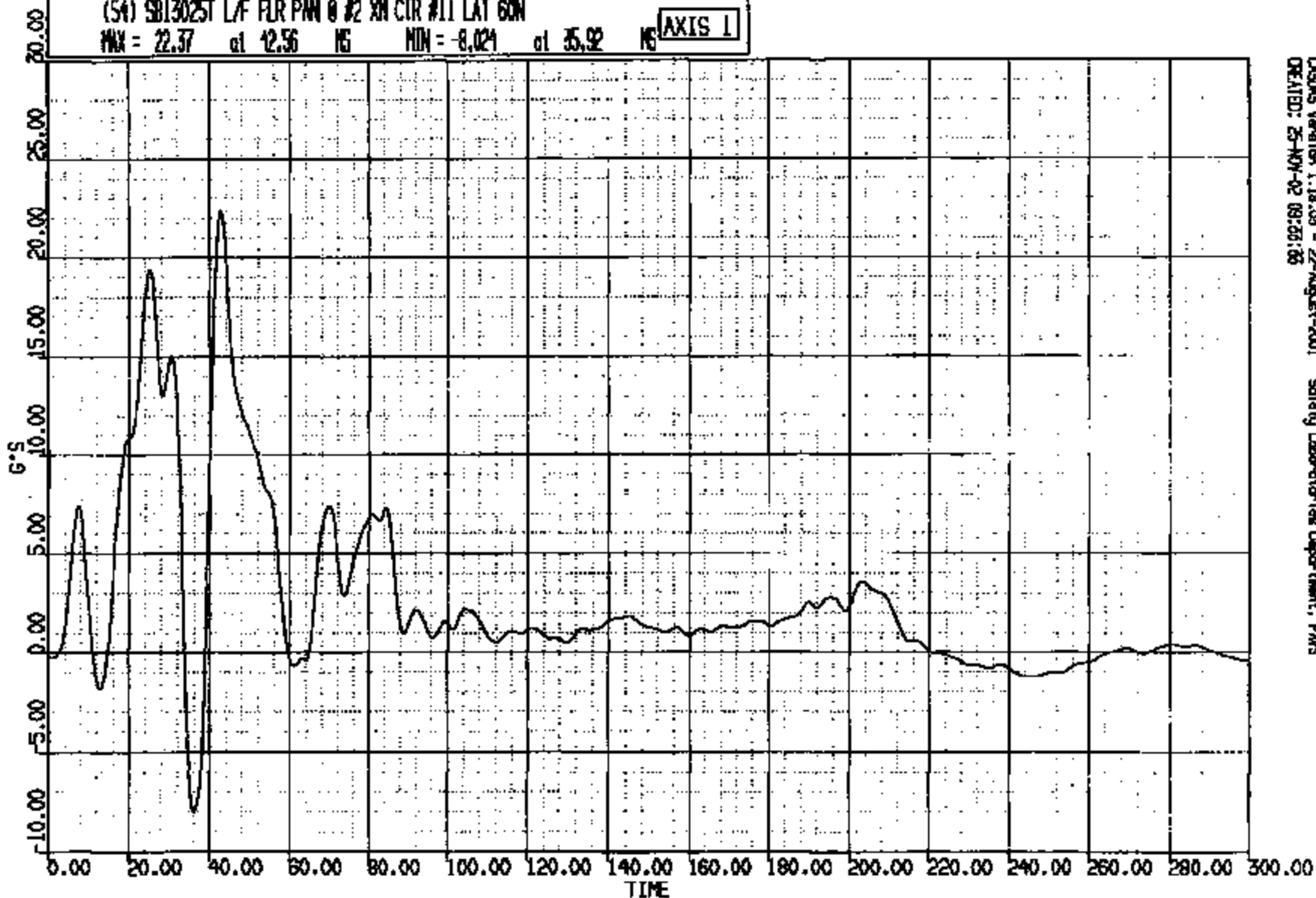
CRIS 0013025

SB R: 13025 TO: J8852 DATE: 31-JUL-2002 15:51:53
2003 EN114

(54) SB13025T L/F FLR PAN 0 #2 XM CIR #11 LAT 60N

MAX = 22.37 at 12.56 NS MIN = -8.024 at 35.92 NS

AXIS 1



CASINS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PWS
CREATED: 25-NOV-02 09:26:06

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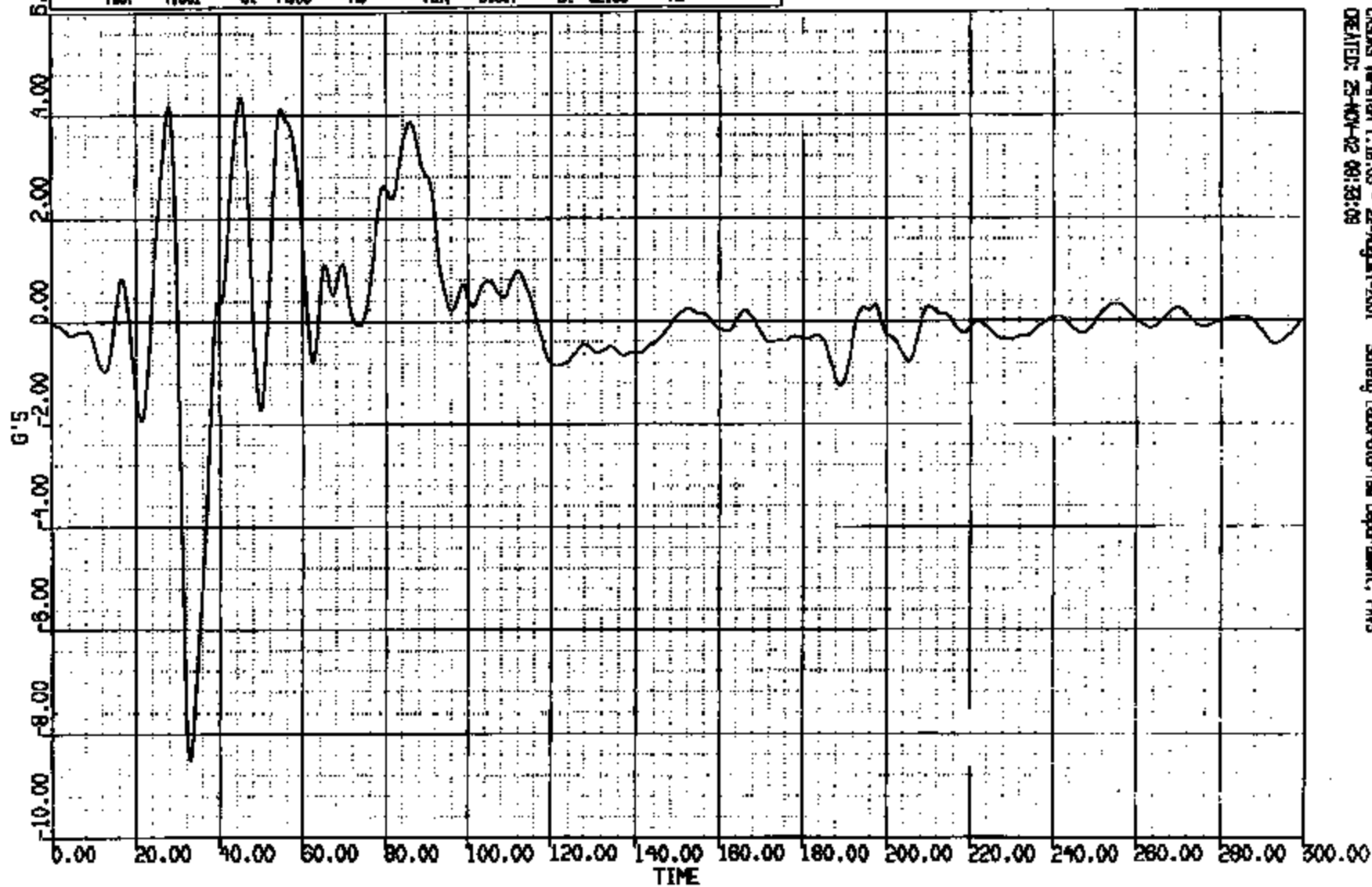
CRIS 0013025

BB R: 13025 TO: JB6853 DATE: 31-JUL-2002 13:51:53
2008 EN114

(52) SBI3025T L/F FLR PAN @ #2 W/ CTR #11 LONG 60N

MAX = 4.351 at 44.08 MS MIN = -9.507 at 32.96 MS

AXIS 1



CASINS Version 1.1B.03 - 22-August-2001 Safety Laboratory/see Department, PHVS
CREATED: 25-AUG-02 09:33:09

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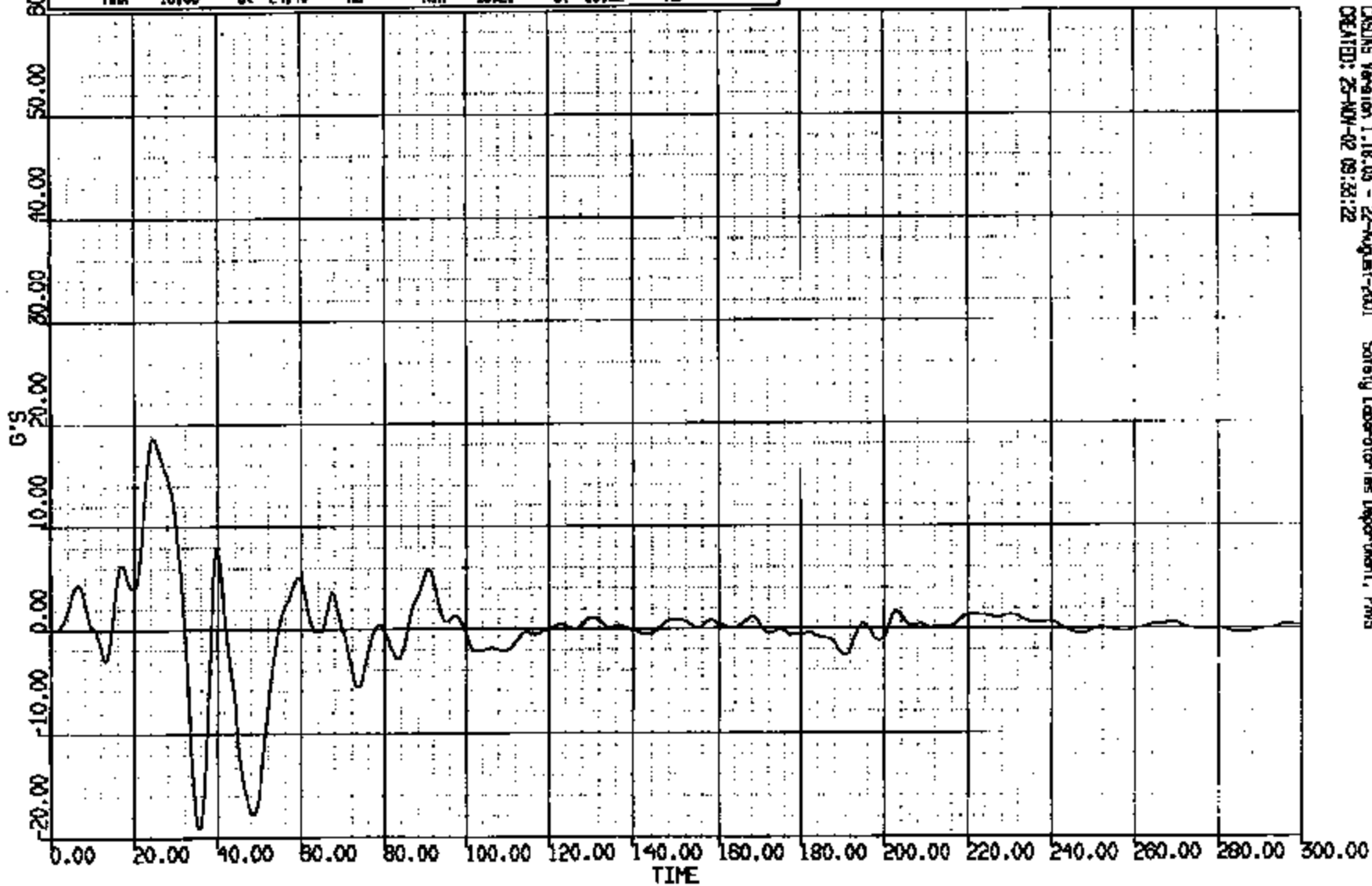
CRIS 0013025

SB R: 13025 TO: JB6653 DATE: 31-JUL-2002 13:51:53
2008 EN114

(53) SB13025 L/F FLR PAN @ #2 XM CTR #11 VERT 60N

MAX = 18.59 at 24.40 MS MIN = -19.20 at 35.52 MS

AXIS 1



CASINS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-NOV-02 09:33:22

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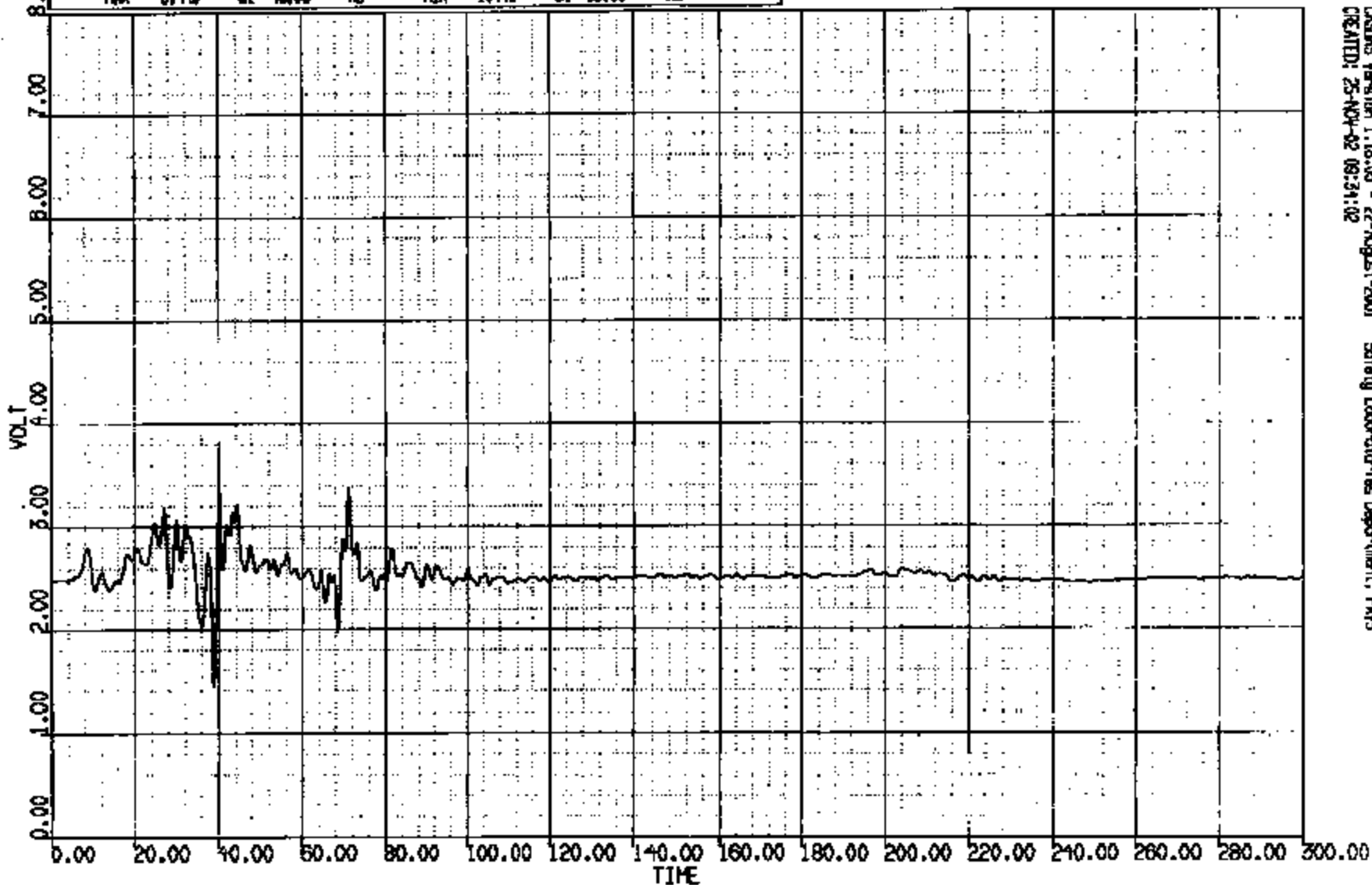
CRIS 0013025

SB R: 13025 TO: J88953 DATE: 31-JUL-2002 13:51:53
2003 EN114

(56) SB130251 L4 FLR PAN 0 #2 XM CTR TAK8 # 4000C

MAX = 3.440 at 40.08 NS MIN = 1.445 at 38.88 NS

AXIS 1



CASMS Version 1.18.03 - 22-Aug-2001 Safety Laboratories Department, FMS
CREATED: 25-NOV-02 09:34:02

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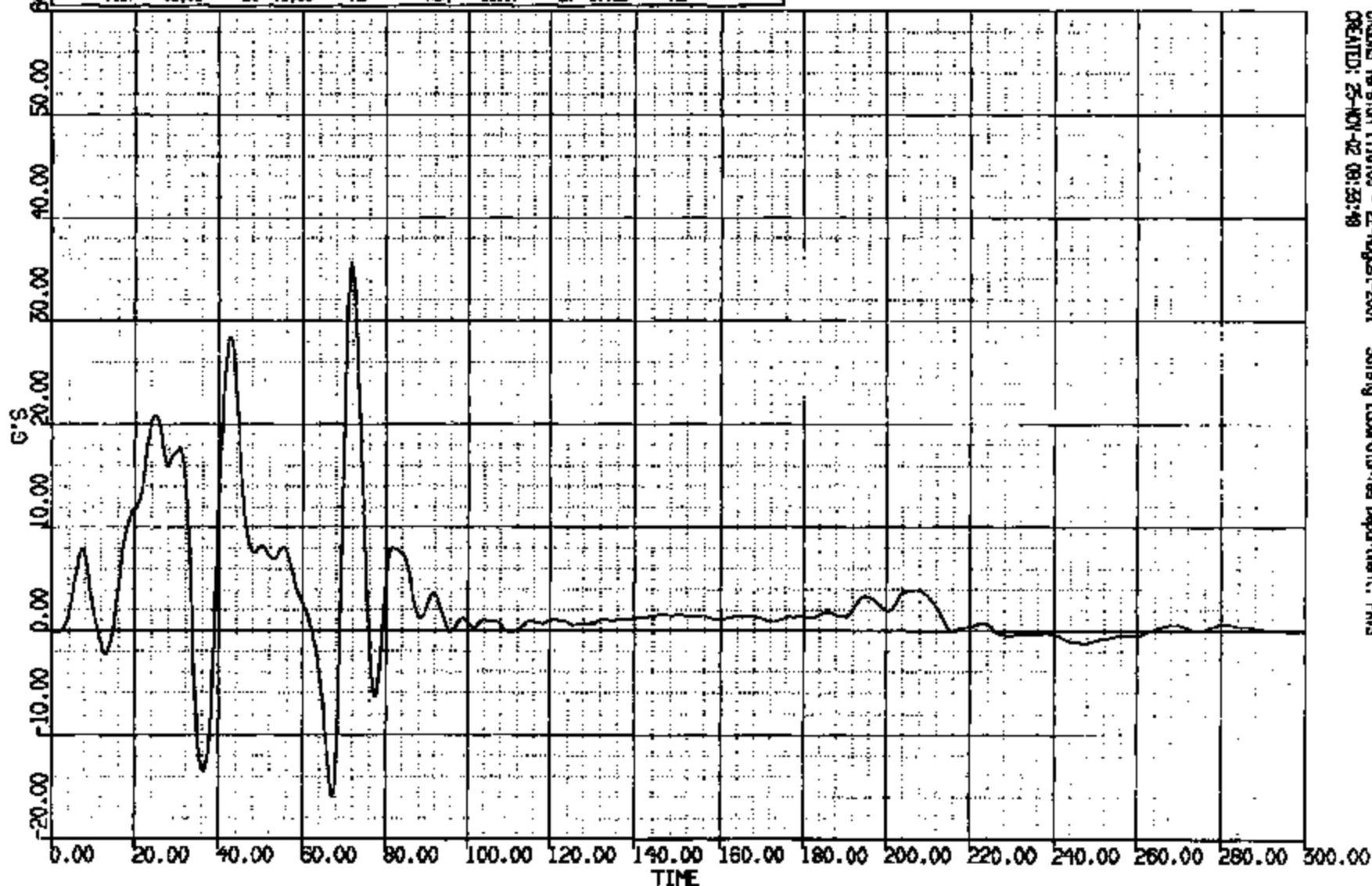
CRIS 0013025

SB R: 15025 TO: J96858 DATE: 31-JUL-2002 13:51:53
2003 EN114

(SS) 98130257 L/F FLR PAN @ #2 XN SSS #12 LAT 60N

MAX = 35.69 at 71.68 NS MIN = -15.97 at 57.20 NS

AXIS 1



CASINS Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PAMS
CREATED: 25-NOV-02 08:33:48

ENTIRE PAGE CONFIDENTIAL

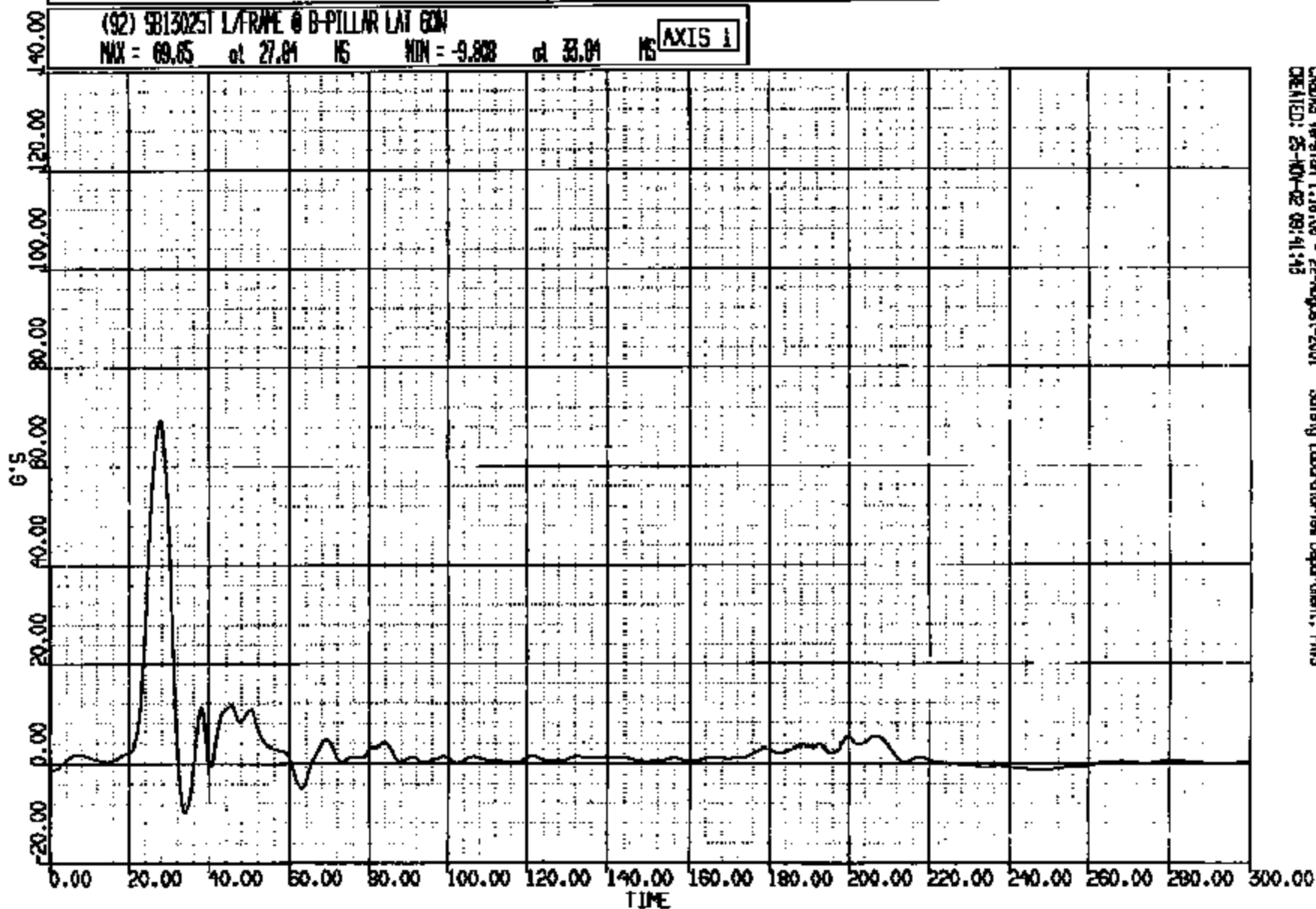
CRIS 0013025

SB R: 13025 TO: J8853 DATE: 31-JUL-2002 18:51:52
2002 EN114

(92) SB13025 L/RATE @ B-PILLAR LAT 60N

MAX = 69.65 at 27.84 NS MIN = -9.808 at 33.04 NS

AXIS 1



CASDAS Version 1.18.08 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-JUN-02 08:41:43

ENTIRE PAGE CONFIDENTIAL

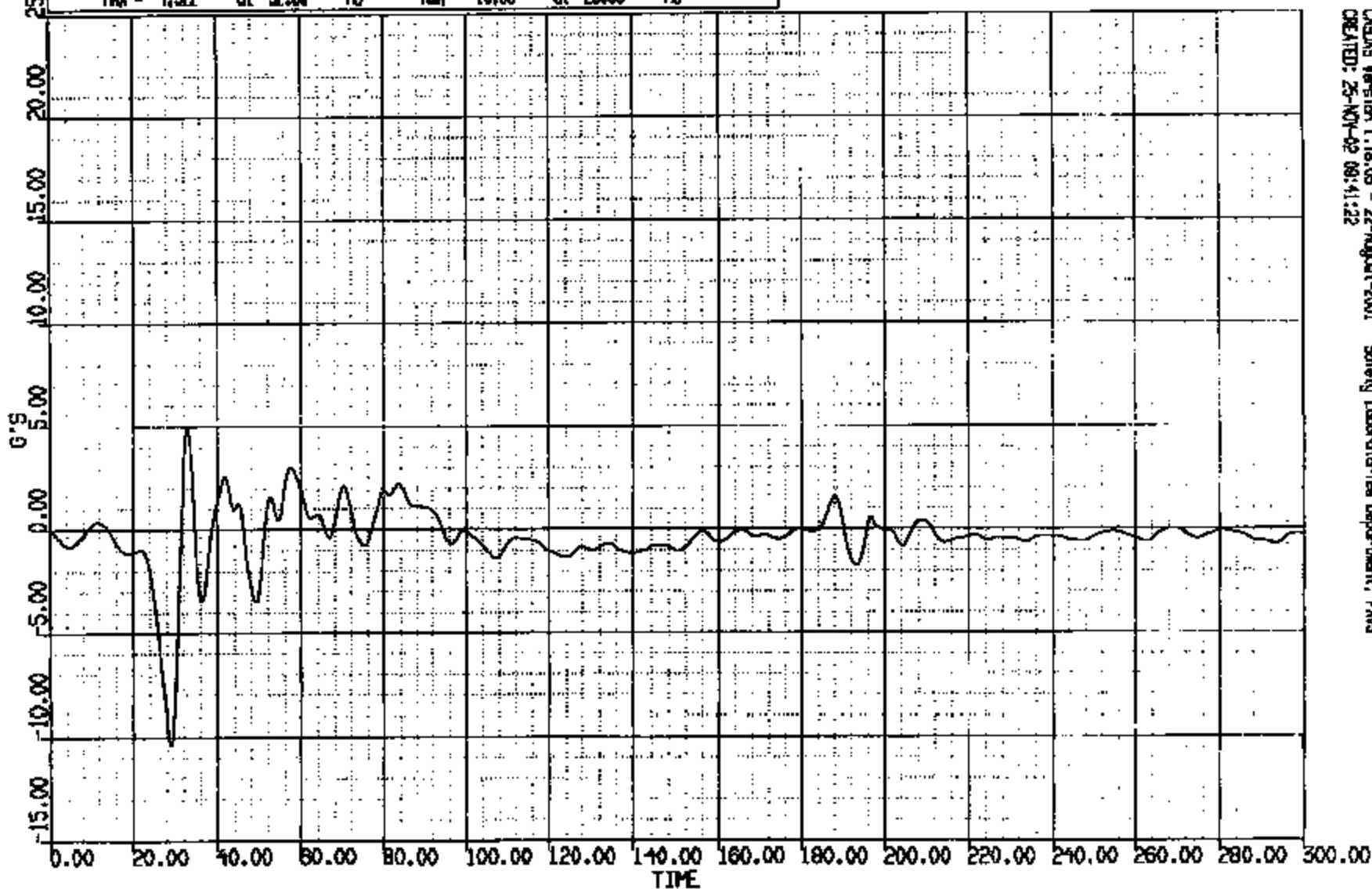
CRIS 0013025

SB R: 13025 TO: J28853 DATE: 31-JUL-2002 13:51:53
2008 EN114

(90) SB13025 L/FRAME @ B-PILLAR LONG GON

MAX = 4.922 at 32.80 MS MIN = -10.36 at 28.96 MS

AXIS 1



CADDS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-NOV-02 08:41:22

ENTIRE PAGE CONFIDENTIAL

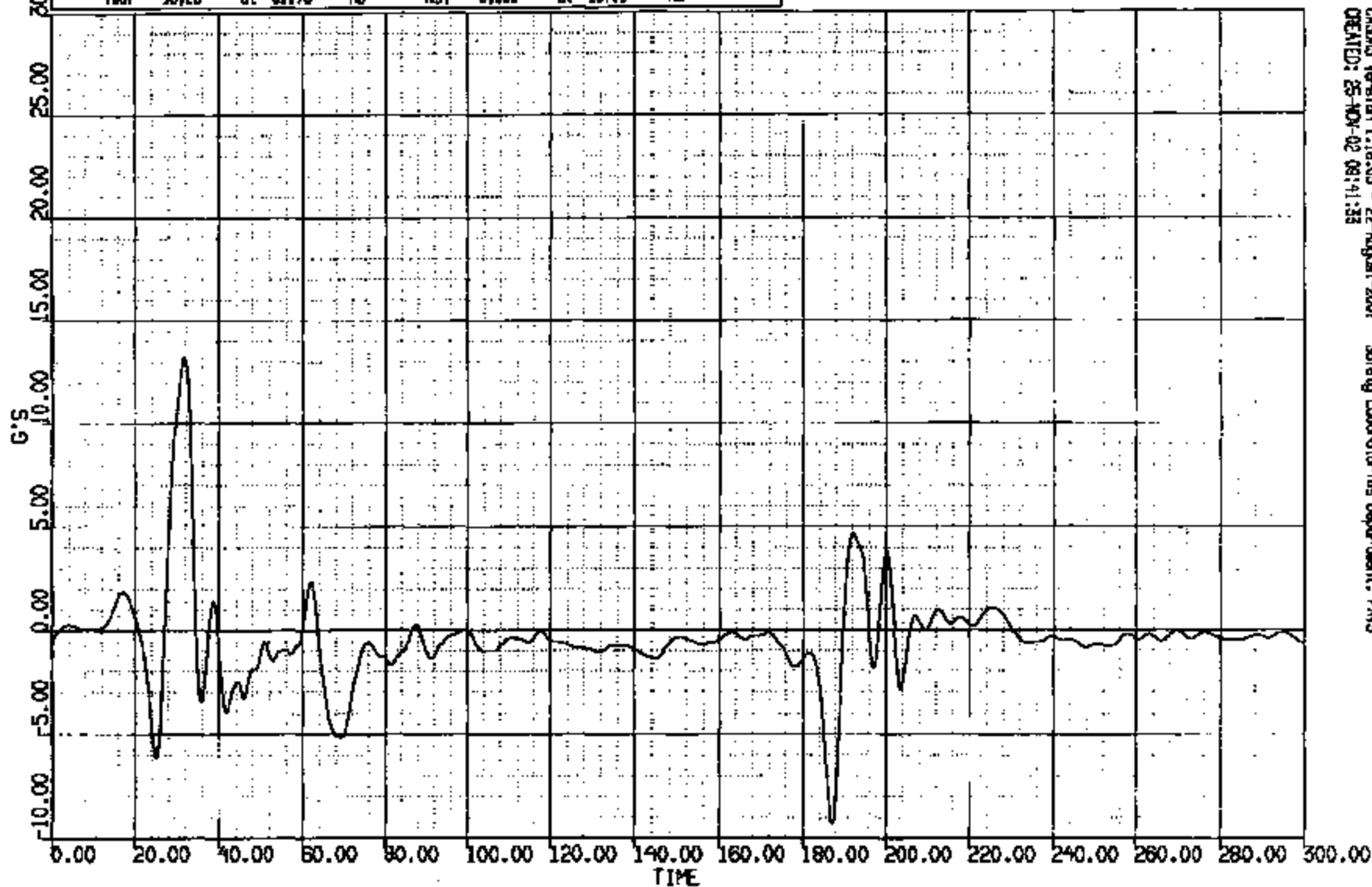
CRIS 0013025

SB R: 13025 TO: J88853 DATE: 31-JUL-2002 13:51:58
2005 EN114

(91) SB13025T L/FRAME 0 B-PILLAR VERT 60N

MAX = 13.25 at 31.76 NS MIN = -9.300 at 187.1 NS

AXIS 1



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PARS
CREATED: 25-NOV-02 09:41:33

ENTIRE PAGE CONFIDENTIAL

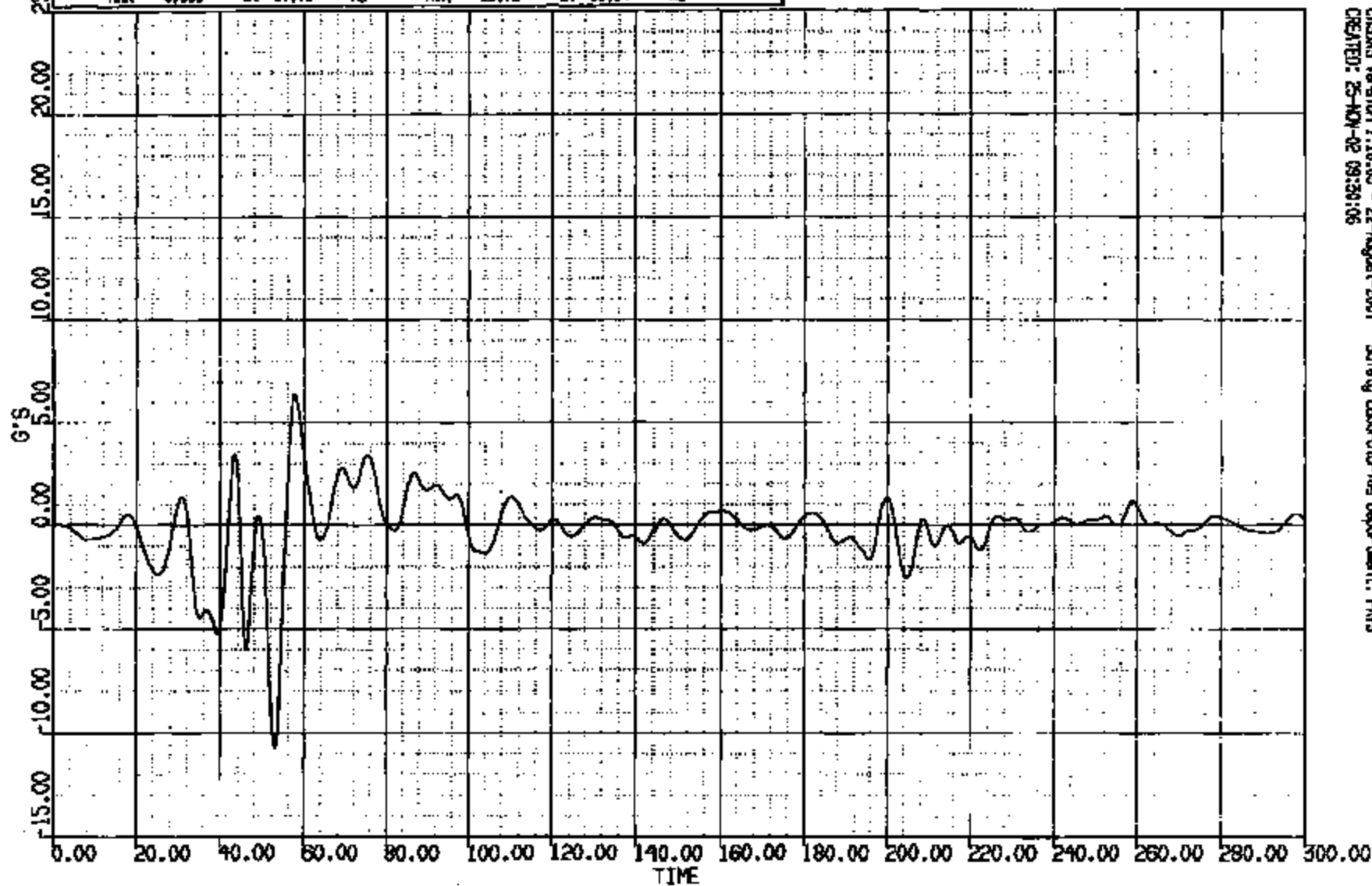
CRTS 0013025

SB R: 13025 TO: J86853 DATE: 31-JUL-2002 12:51:53
2003 EN114

(33) 5913025T L/RND SUPT NR GCP BRKT #35C LONG 60N

MAX = 6.393 at 57.76 HS MIN = -10.72 at 53.04 HS

AXIS 1



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
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ENTIRE PAGE CONFIDENTIAL

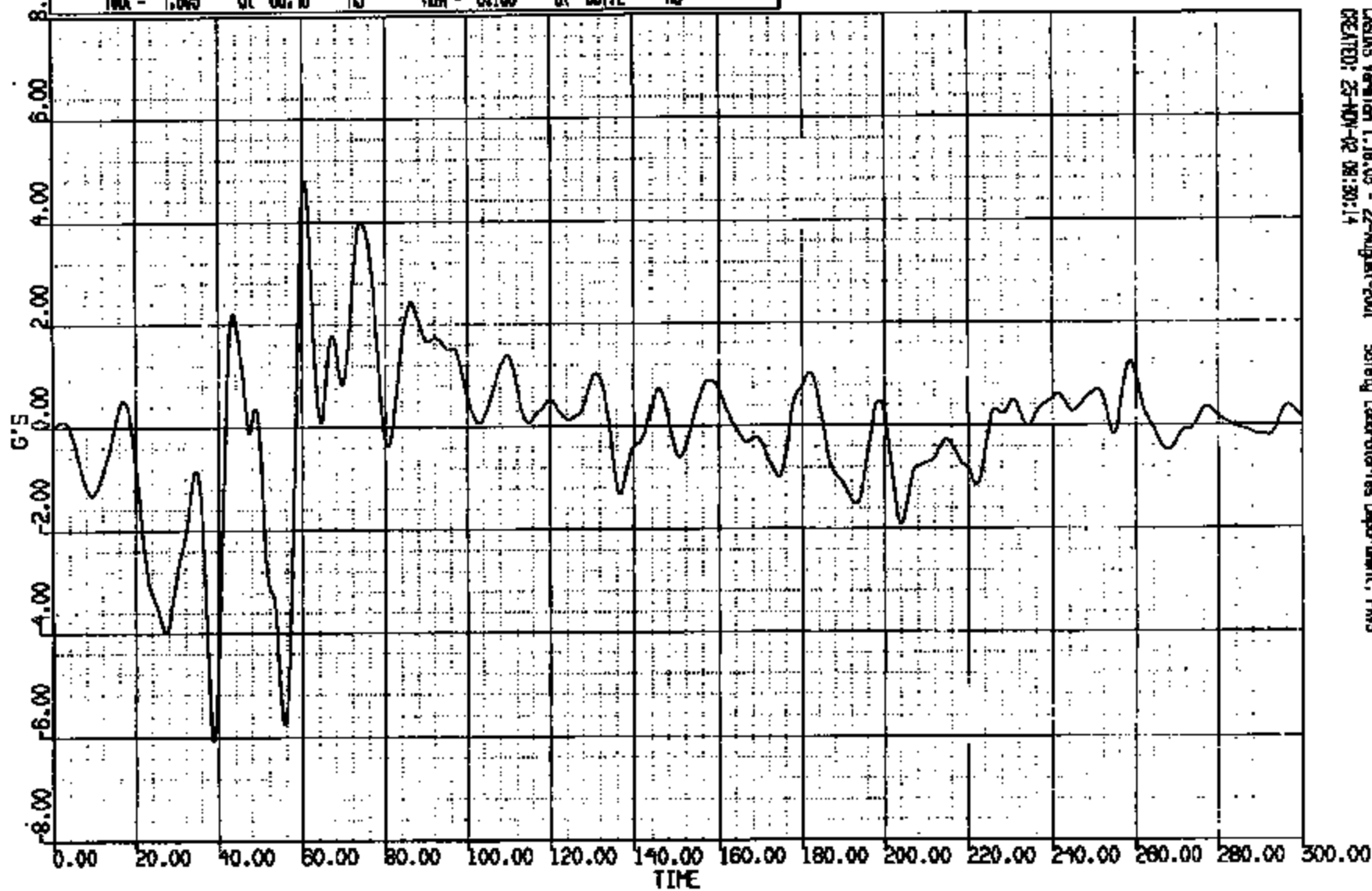
CRIS 0013025

SE R: 15025 TO: JB8853 DATE: 31-JUL-2002 15:51:53
2003 EN114

(34) SB13025T L/RAD SUTP 03 ON RAD SUTP #330 LONG 60N

MAX = 1.009 at 60.48 HS MIN = -6.103 at 36.72 HS

AXIS 1



CASINS Version 1.18.03 - 22-August-2001 Society Laboratories Department, PMS
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ENTIRE PAGE CONFIDENTIAL

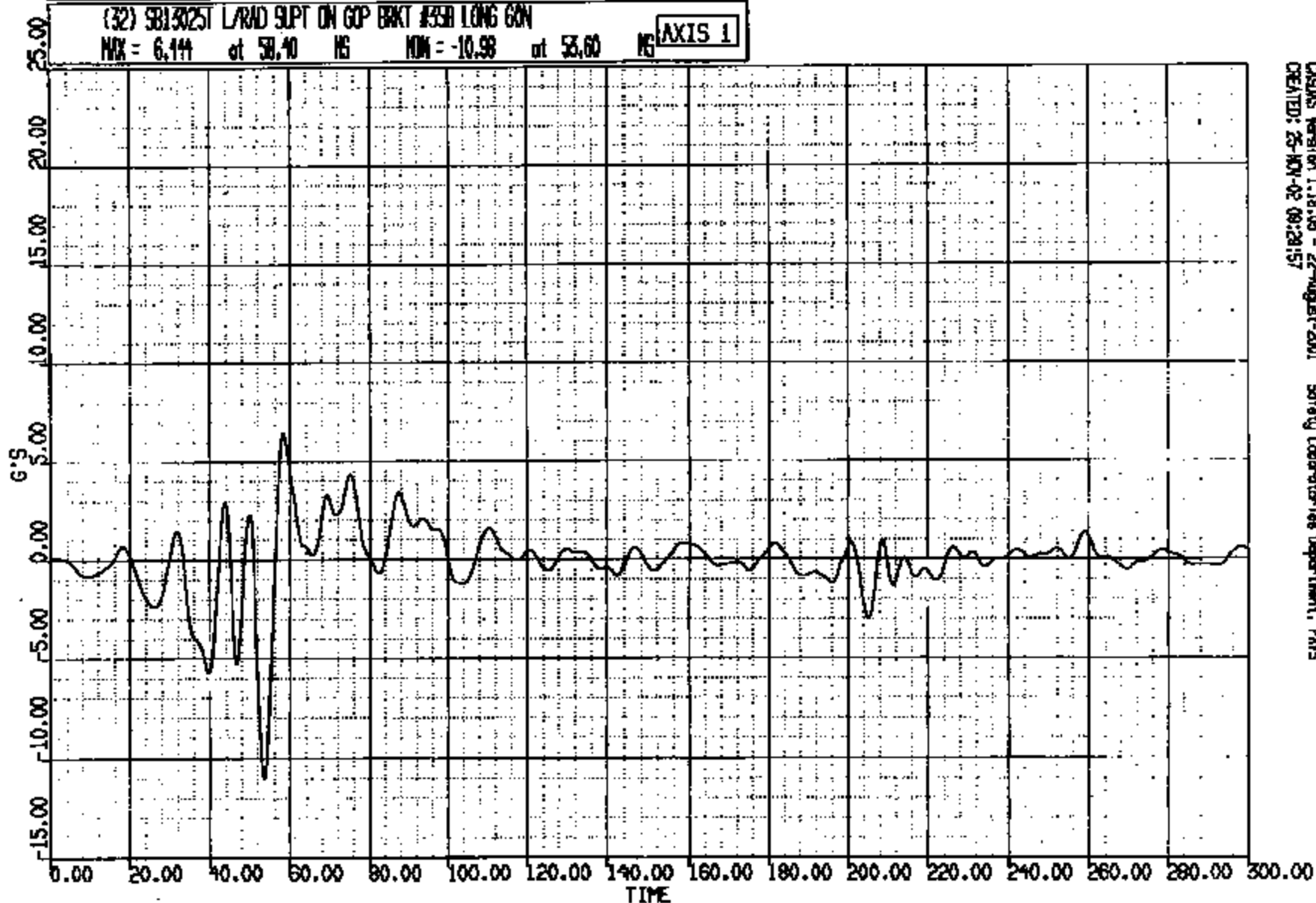
CRIS 0013025

SB R: 13025 TO: JB6853 DATE: 31-JUL-2002 18:51:53
2003 EN114

(32) SB13025 L/RAD SPT ON GCP BRKT #338 LONG GON

MAX = 6.44 at 58.40 MS MIN = -10.98 at 53.60 MS

AXIS 1



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-MAY-02 09:28:57

ENTIRE PAGE CONFIDENTIAL

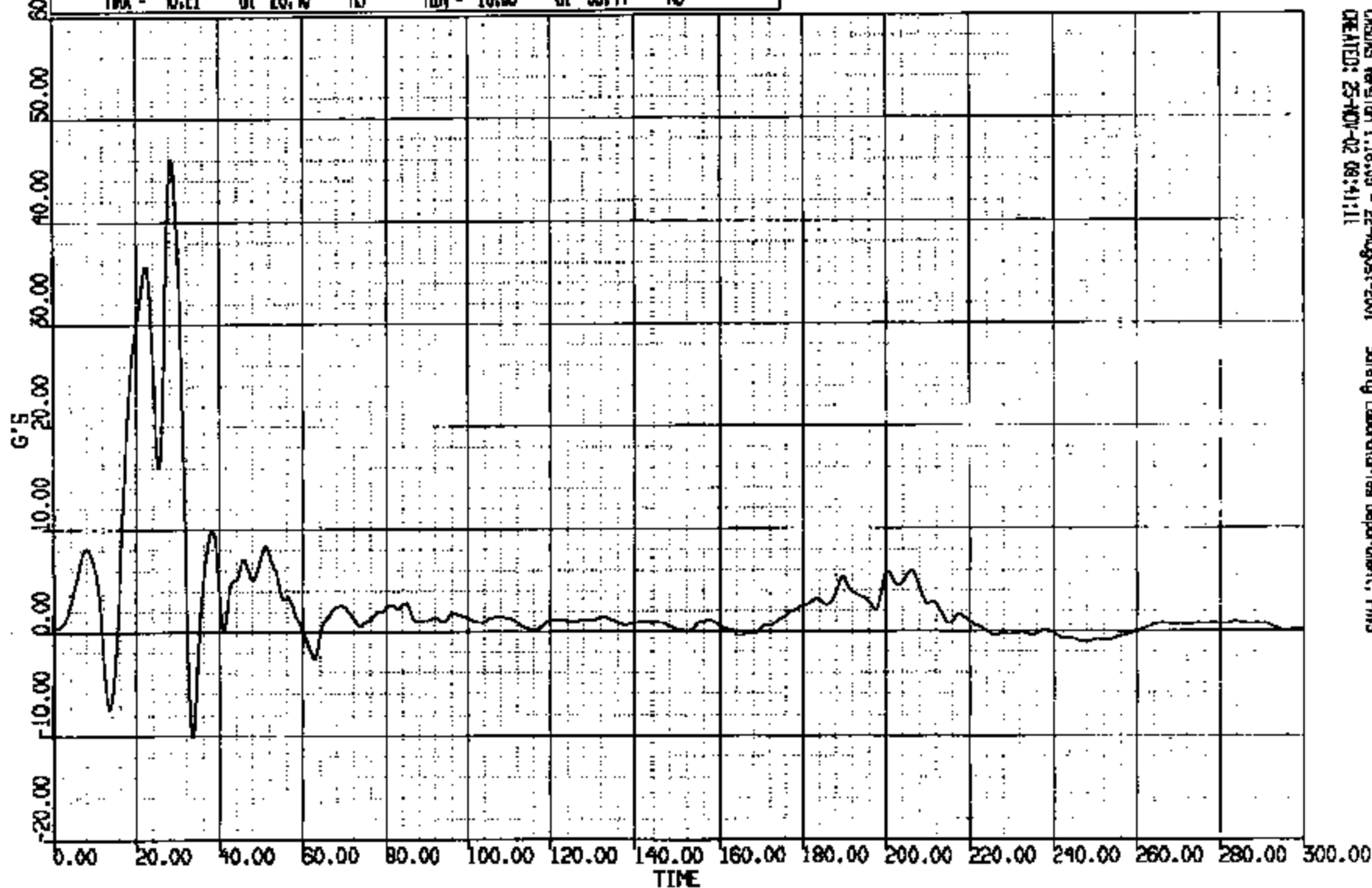
CRIS 0013025

SB R: 13025 TO: J88853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(89) SB130251 L/ROCKER @ B-PILLAR LAT 60N

MAX = 46.21 at 28.40 NS MIN = -10.08 at 33.41 NS

AXIS 1



CHSAS Version 1.18.03 - 22-August-2001
CREATED: 25-NOV-02 08:41:11
Safety Laboratories Department, PMS

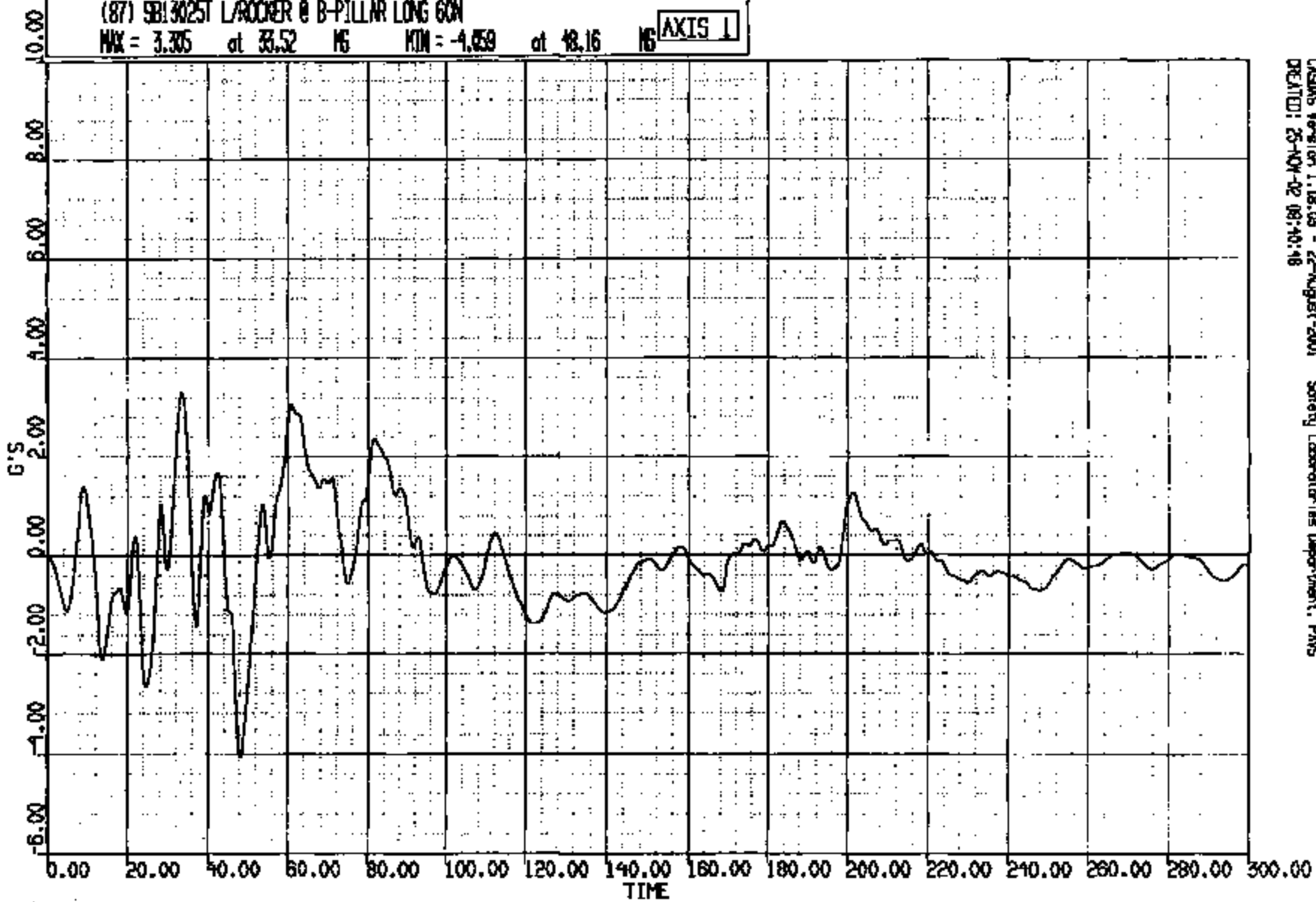
ENTIRE PAGE CONFIDENTIAL

CRIS 0013025

BB R: 13025 TO: J88853 DATE: 31-JUL-2002 18:51:53
2003 EZ114

(87) SBI3025T L/ROCKER @ B-PILLAR LONG 60N

MAX = 3.305 at 33.52 MG MIN = -4.059 at 48.16 MG



CASIMS Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PIMS
 CREATED: 25-NOV-02 09:40:48

ENTIRE PAGE CONFIDENTIAL.

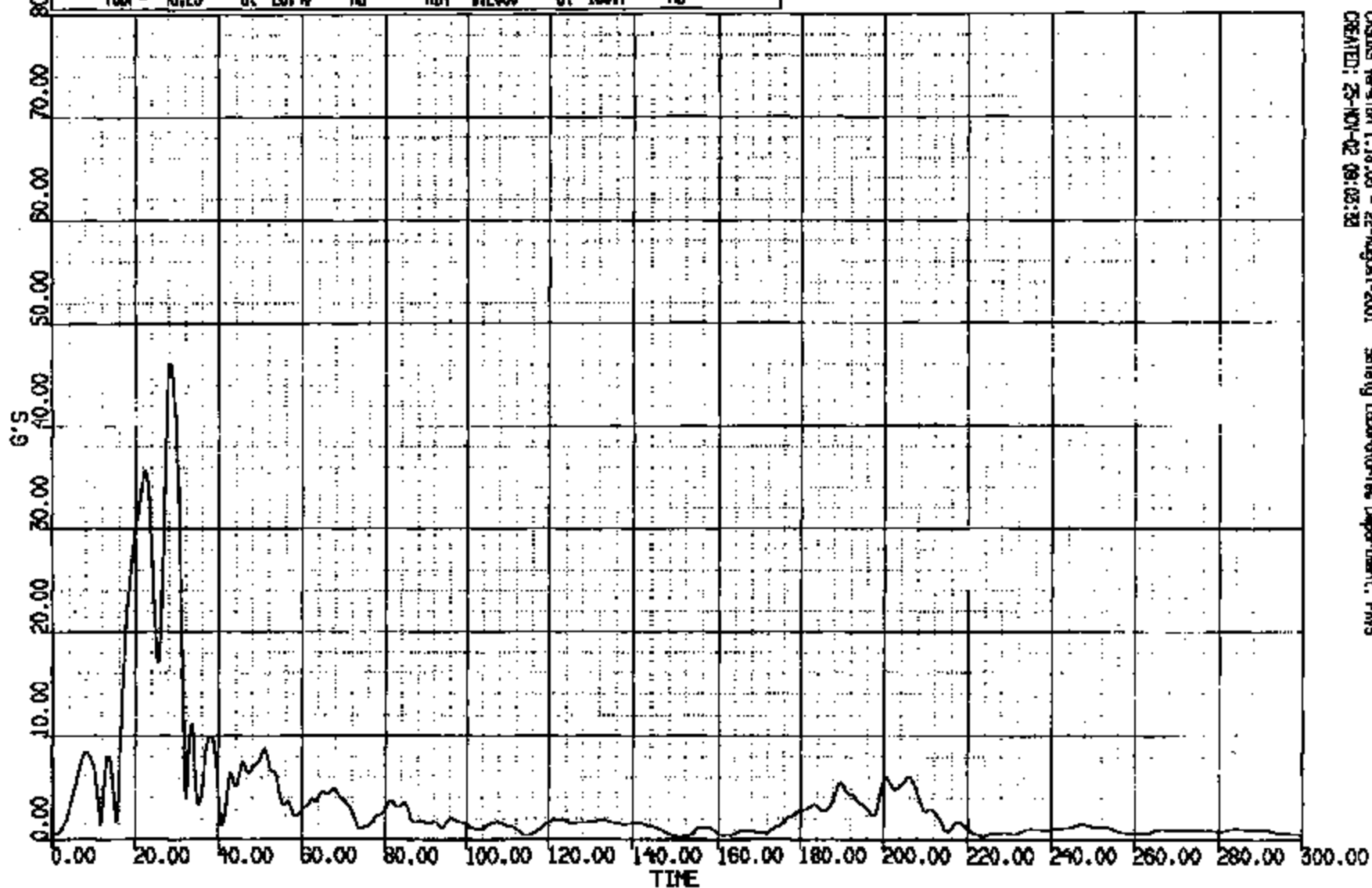
CRTS 0013025

SR R: 13025 TO: J88833 DATE: 31-JUL-2002 13:51:53
2003 EN114

(10005) SB13025T LADDER @ B-PILLAR RES CON

MAX = 46.23 at 28.40 NS MIN = 0.2050 at 150.7 NS

AXIS 1



CRSIS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PWS
CREATED: 25-MAY-02 09:03:32

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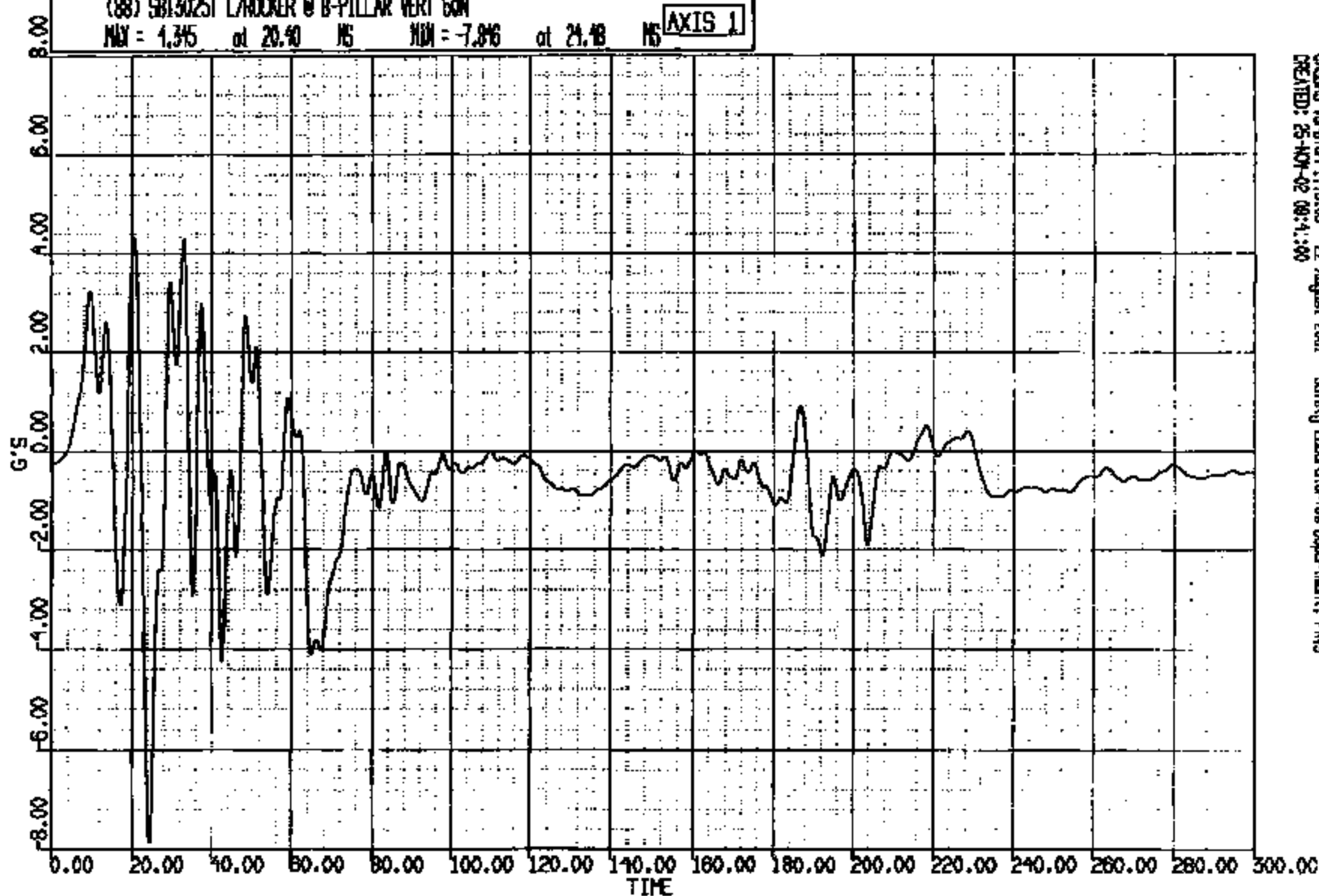
CRIS 0013025

SB R: 15025 TO: J88953 DATE: 31-JUL-2002 15:51:53
2002 EN114

(88) SB130251 L/ROCKER @ B-PILLAR VERT 60N

MAX = 1.345 at 20.40 MS MIN = -7.846 at 21.48 MS

AXIS 1



CASINS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-AUG-02 08:41:00

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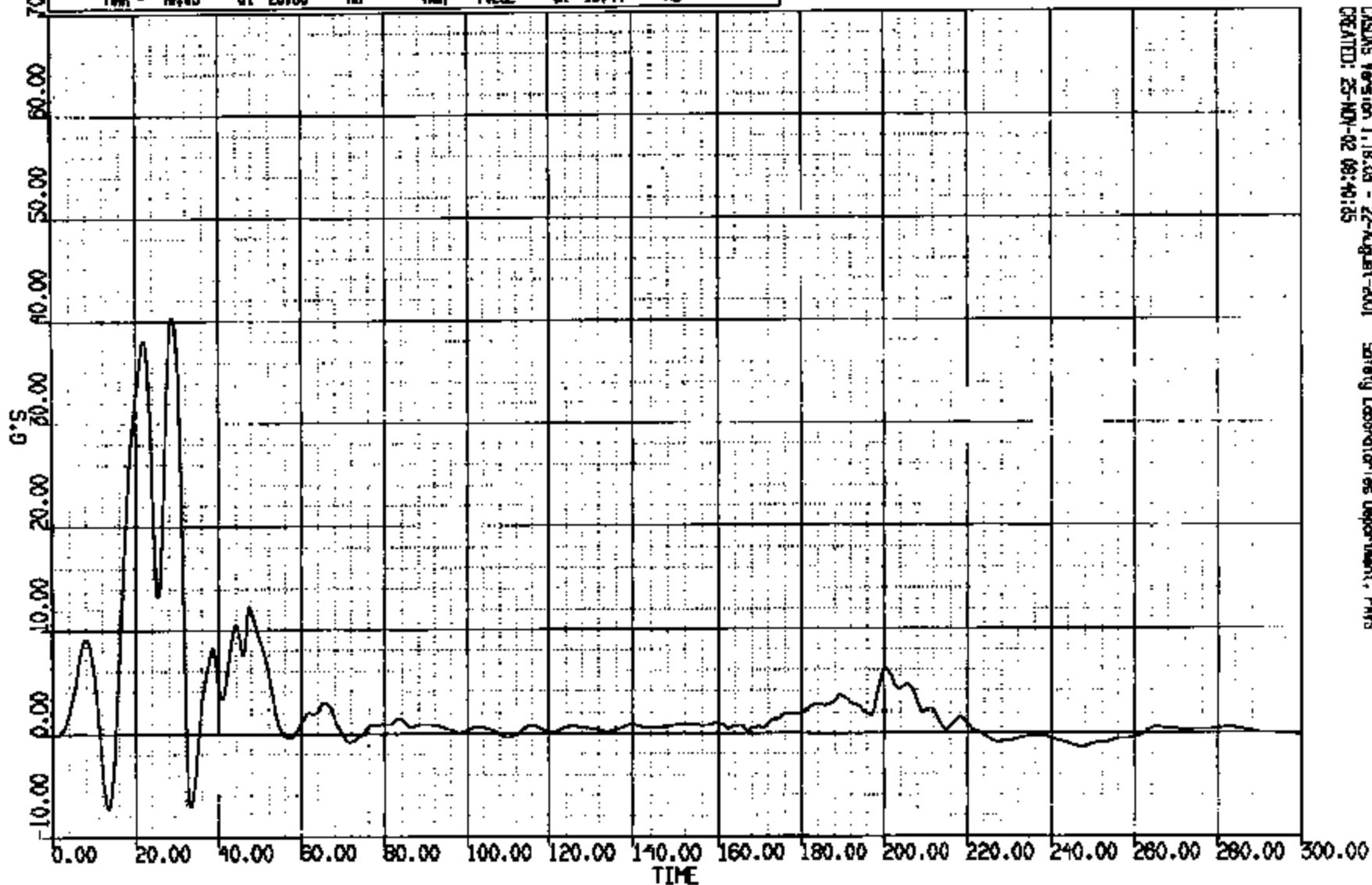
CRIS 0013025

SB R: 13025 TO: J28953 DATE: 31-JUL-2002 13:51:53
2003 EN114

(86) SB13025T L/ROCKER @ FRONT SEAT MID LAT 60N

MAX = 10.35 at 28.96 MS MIN = -7.292 at 13.44 MS

AXIS 1

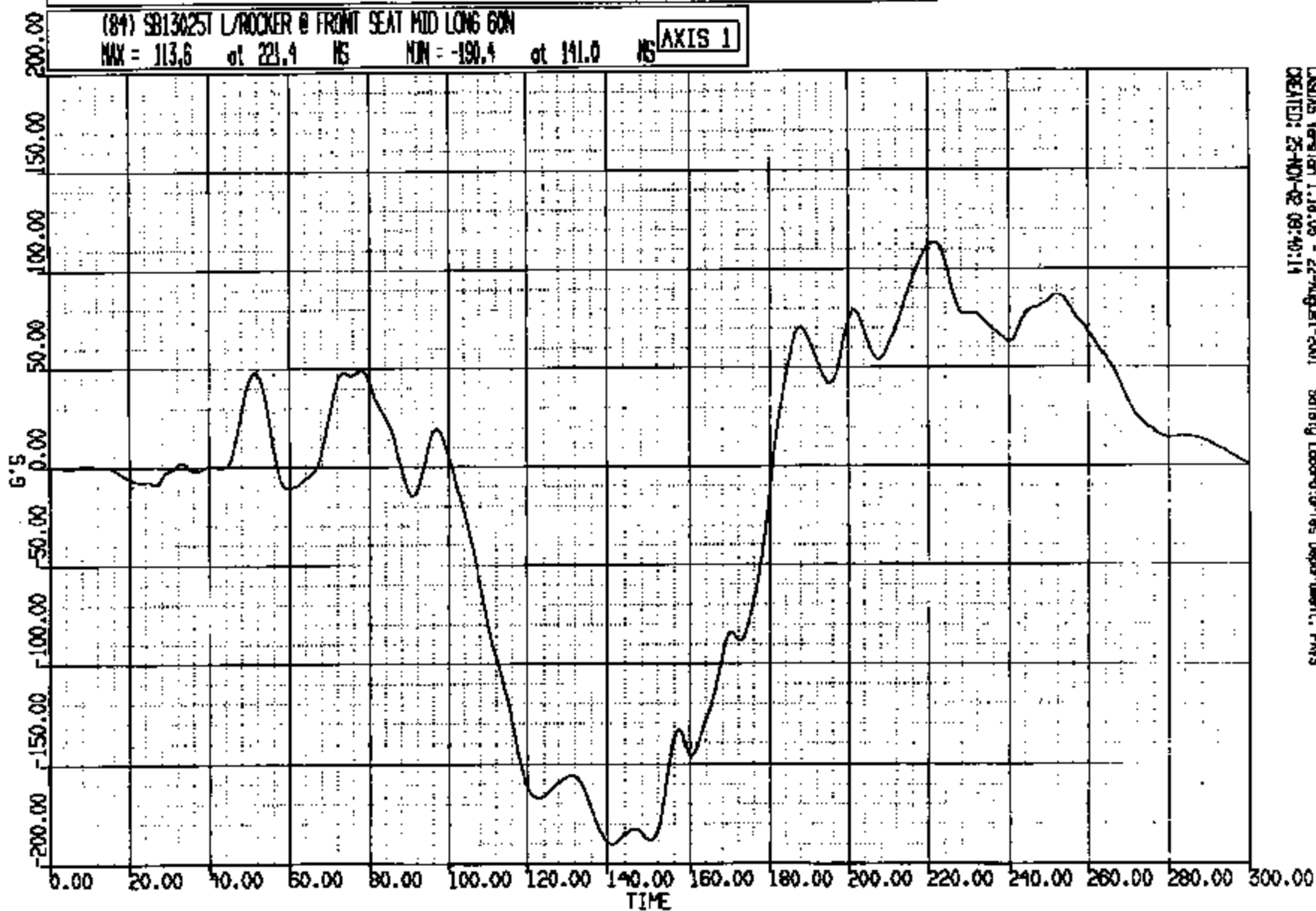


CASDAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-NOV-02 09:40:35

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CRIS 0013025

SB R: 13025 TO: J88853 DATE: 31-JUL-2002 13:51:53
2003 EN114



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PHS
CREATED: 25-MAY-02 09:40:14

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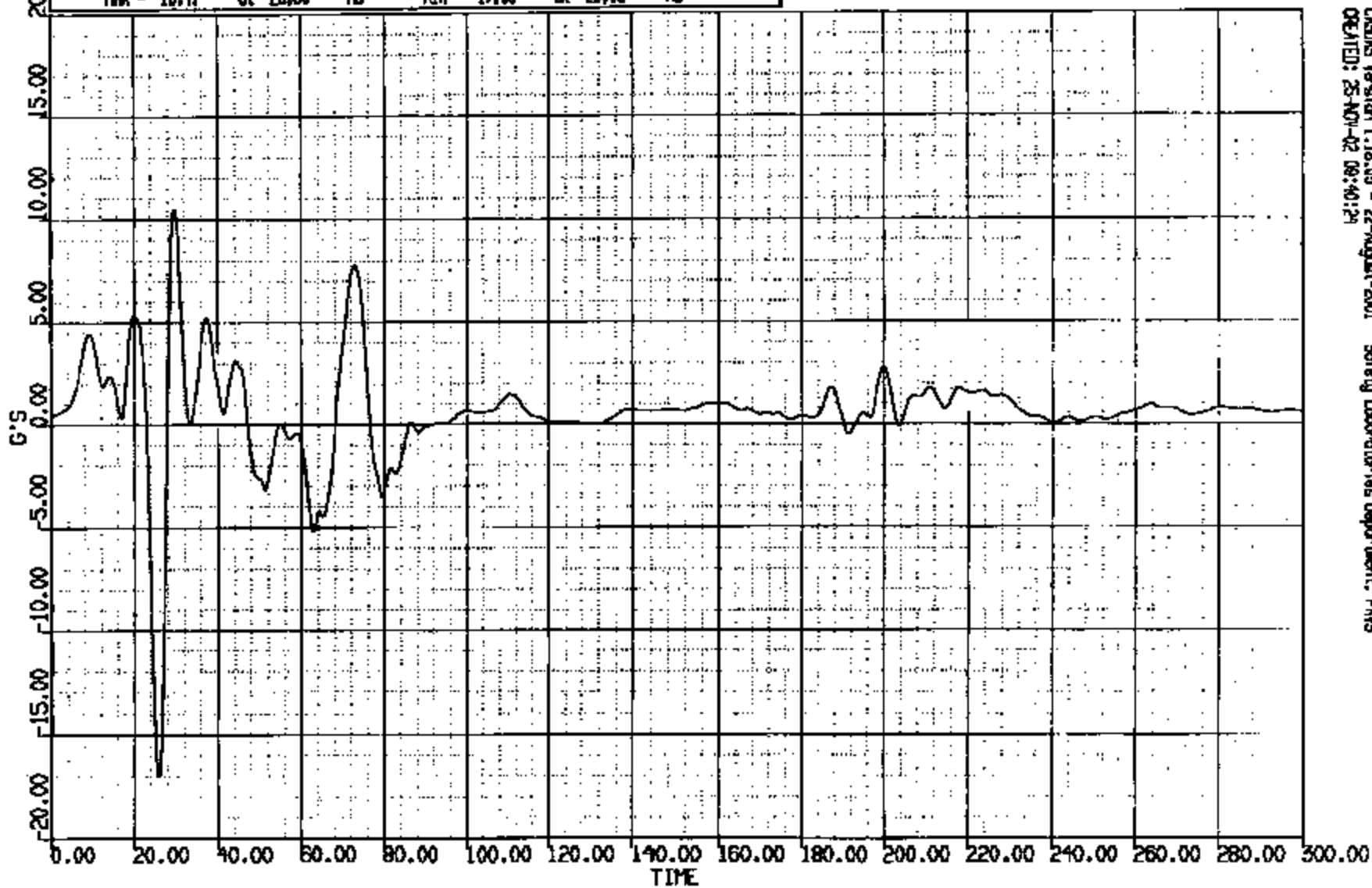
CRIS 0013025

SB R: 13025 TO: JB6853 DATE: 21-JUL-2002 13:51:53
2005 EN114

(85) SB13025 L/ROCKER @ FRONT SEAT MID VERT GON

MAX = 10.17 at 29.60 NS MIN = -17.06 at 26.00 NS

AXIS 1



CRSAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-NOV-02 08:40:29

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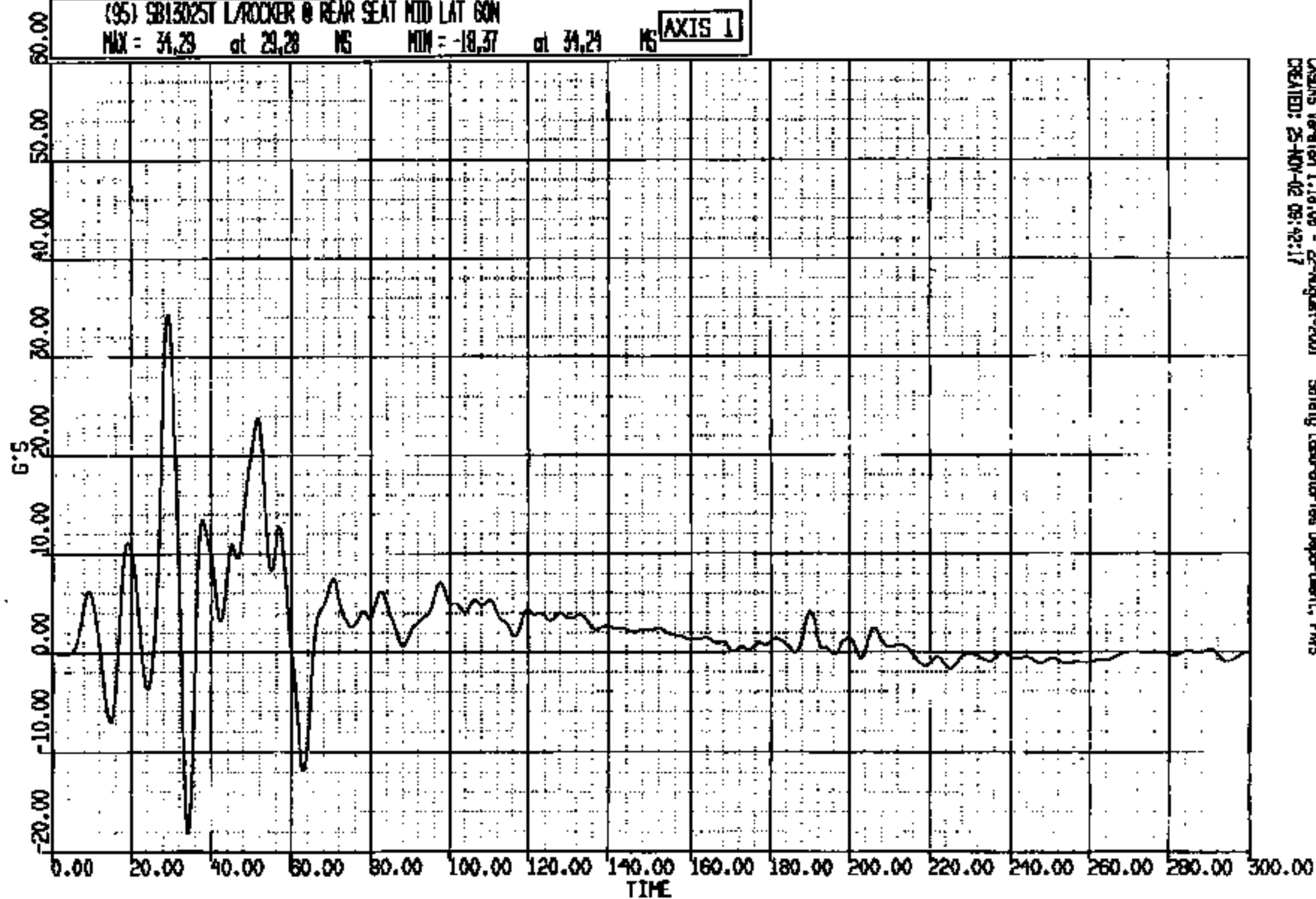
CRIS 0013025

SB R: 13025 TO: J98858 DATE: 31-JUL-2002 13:51:53
2005 EN114

(95) SB13025T L/ROCKER @ REAR SEAT MID LAT 60N

MAX = 34.23 at 29.28 NS MIN = -18.37 at 34.24 NS

AXIS 1

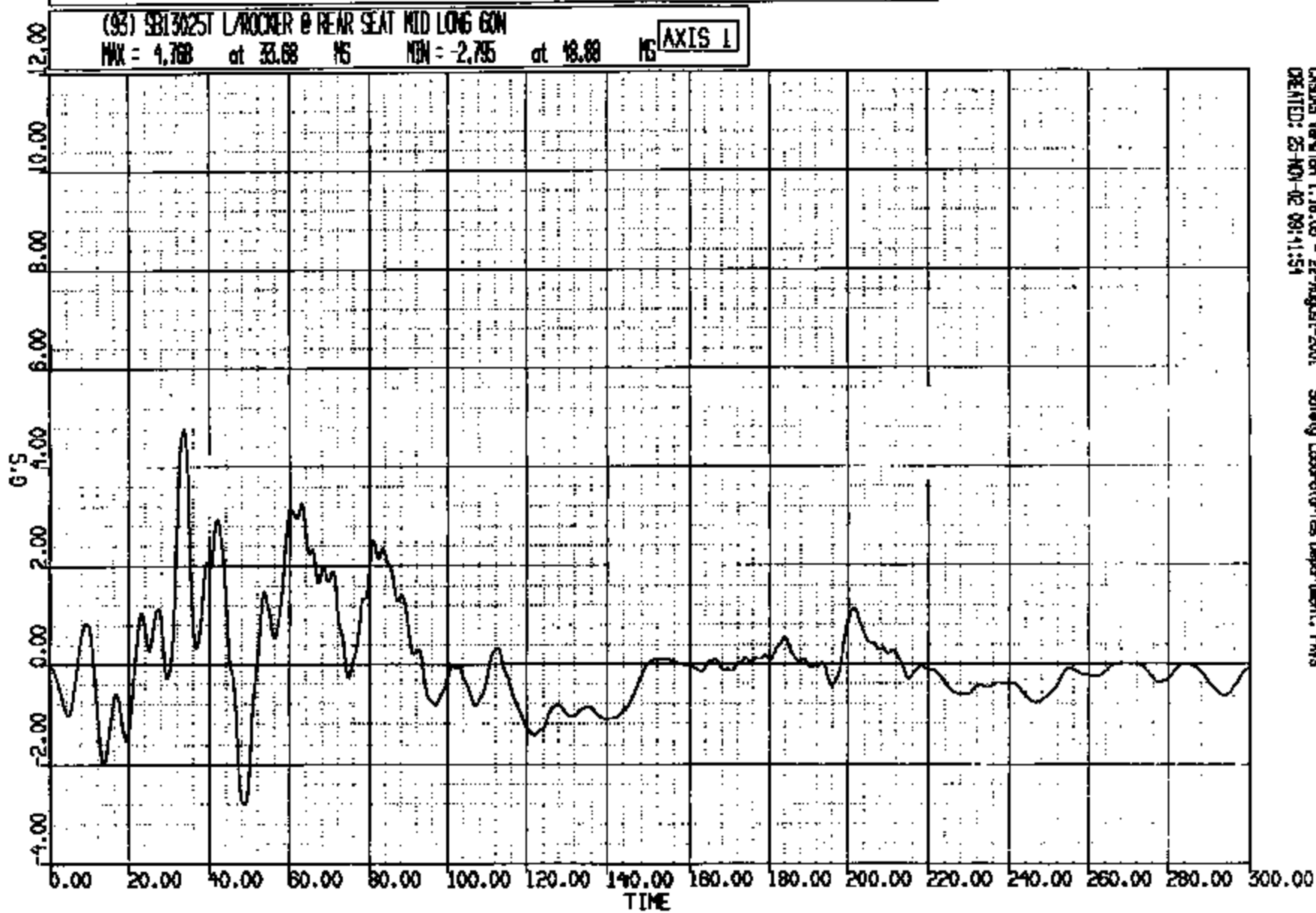


CRS/N5 Version 1.18.08 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-NOV-02 08:42:17

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CRIS 0013025

SB R: 13025 TO: J88853 DATE: 31-JUL-2002 13:51:53
2003 EN114



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-MAY-02 09:11:54

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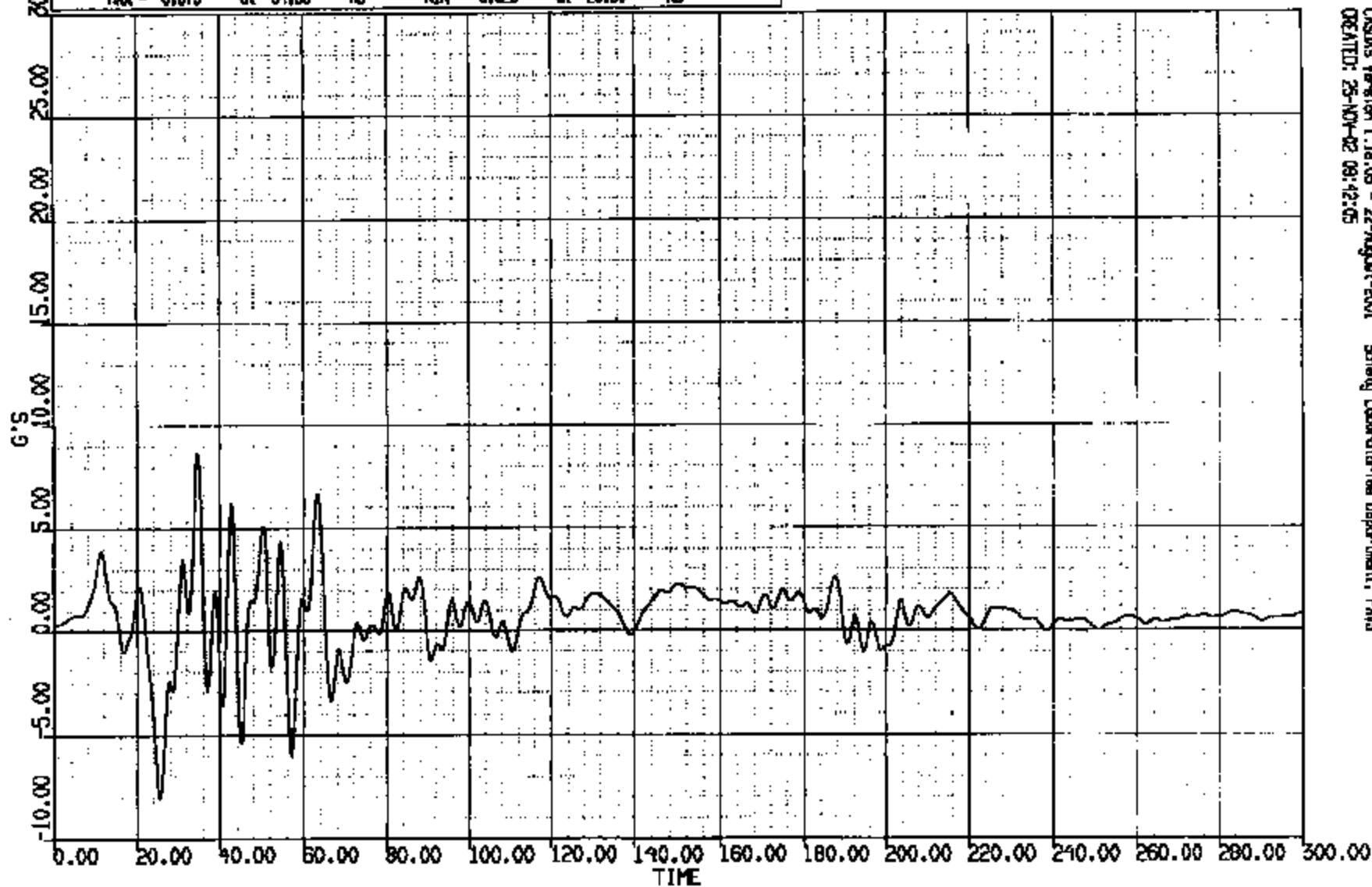
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SB R: 13025 TO: JBS853 DATE: 31-JUL-2002 18:51:53
2003 EN114

(94) SBI3025T L/ROCKER @ REAR SEAT MID VERT GUN

MAX = 8.673 at 34.56 NS MIN = -0.028 at 25.60 NS

AXIS 1

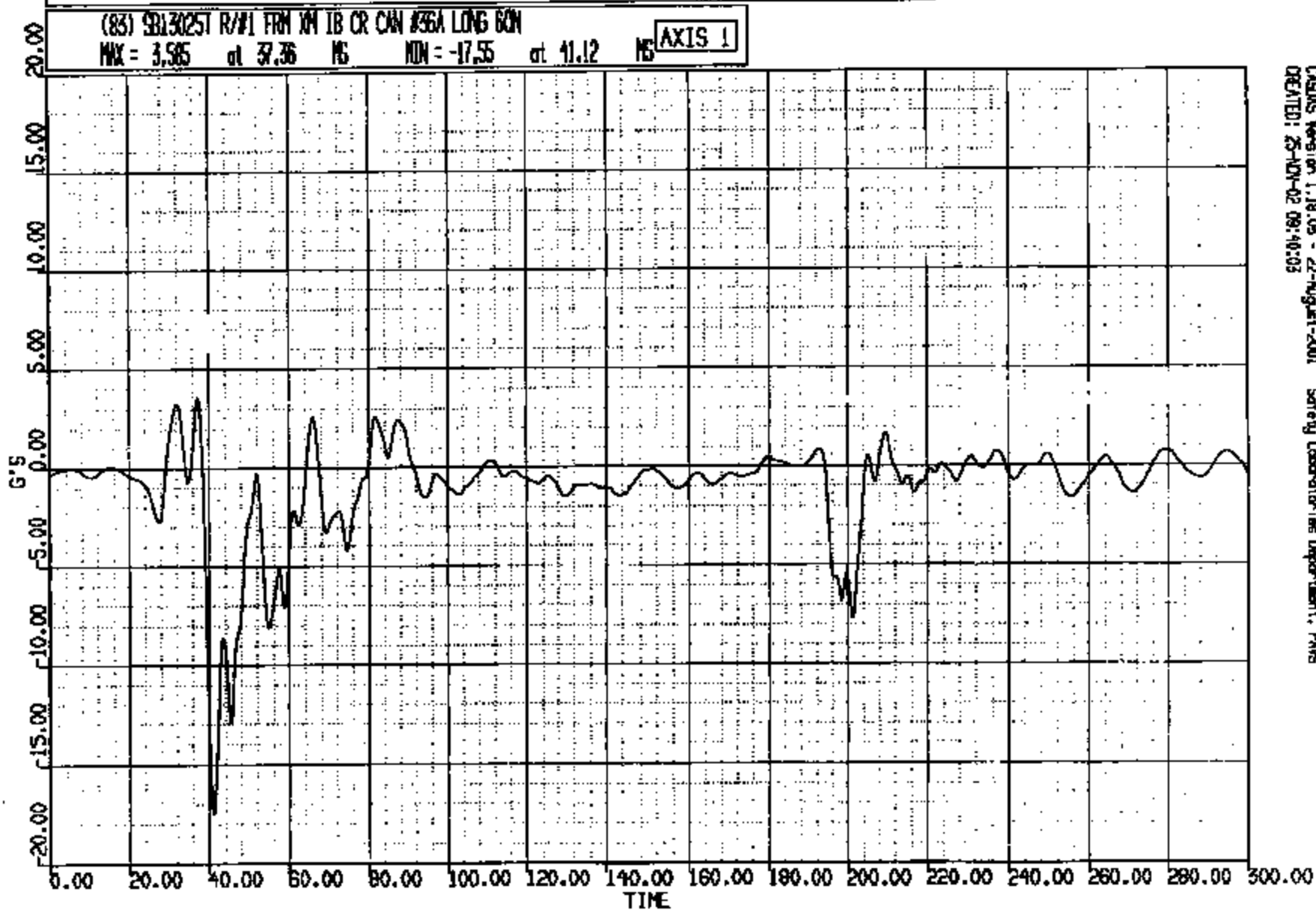


CSIS/SCS Version 1.18.05 - 22-August-2001 Society Laboratory/Services Department, PANS
 CREATED: 25-NOV-02 09:42:05

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CHTS 0013025

SB R: 13025 TO: J86855 DATE: 31-JUL-2002 13:51:53
2003 EN114



CASUS Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PANS
CREATED: 25-NOV-02 09:40:03

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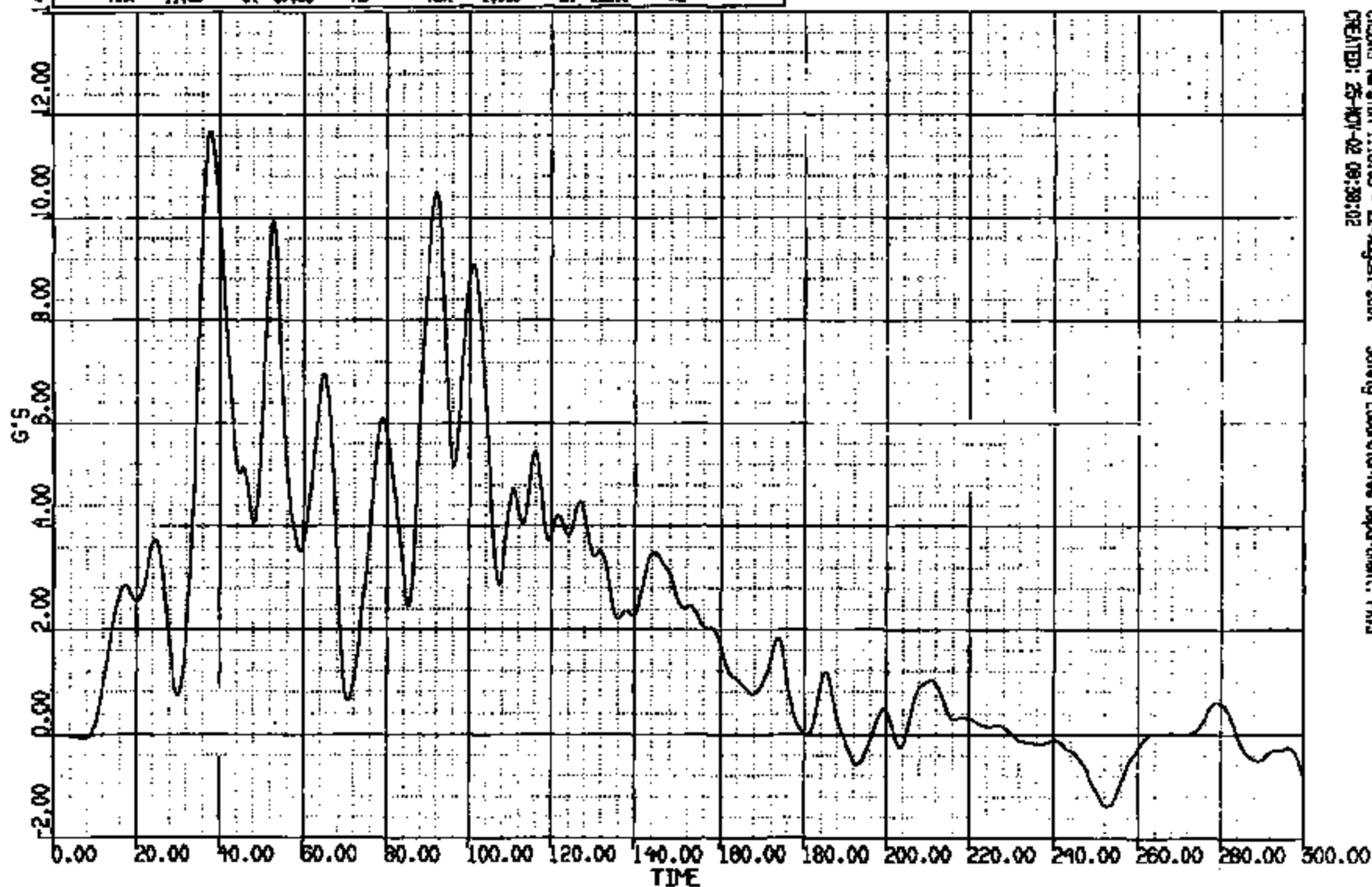
CRIS 0013025

SB R: 13025 TO: J86833 DATE: 31-JUL-2002 12:51:52
2002 EN114

(75) 98130251 R/O-PLR IN @ MID SCS #32 LAT 60N

MAX = 11.09 at 37.68 MS MIN = -1.300 at 232.6 MS

AXIS 1



CASDAS Version 1.18.03 - 22-August-2001
CREATED: 25-MAY-02 09:38:02 Safety Laboratories Department, PMS

ENTIRE PAGE CONFIDENTIAL

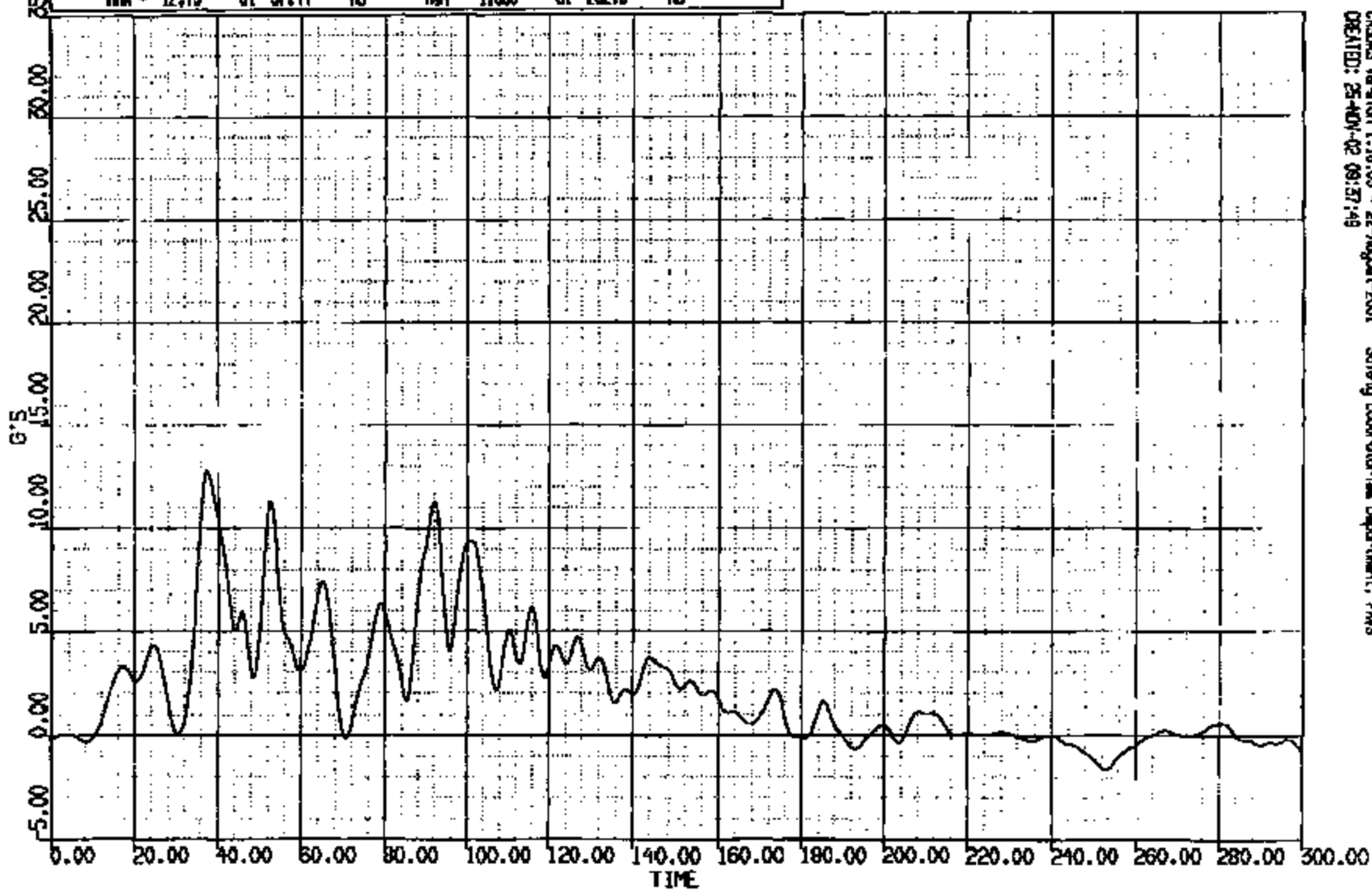
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SB R: 12025 TO: JB6853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(74) SB13025T R/B-PLR IN @ MID SH #31 LAT 60N

MAX = 12.79 at 37.44 NS MIN = -1.638 at 252.9 NS

AXIS 1



CASAS Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PAMS
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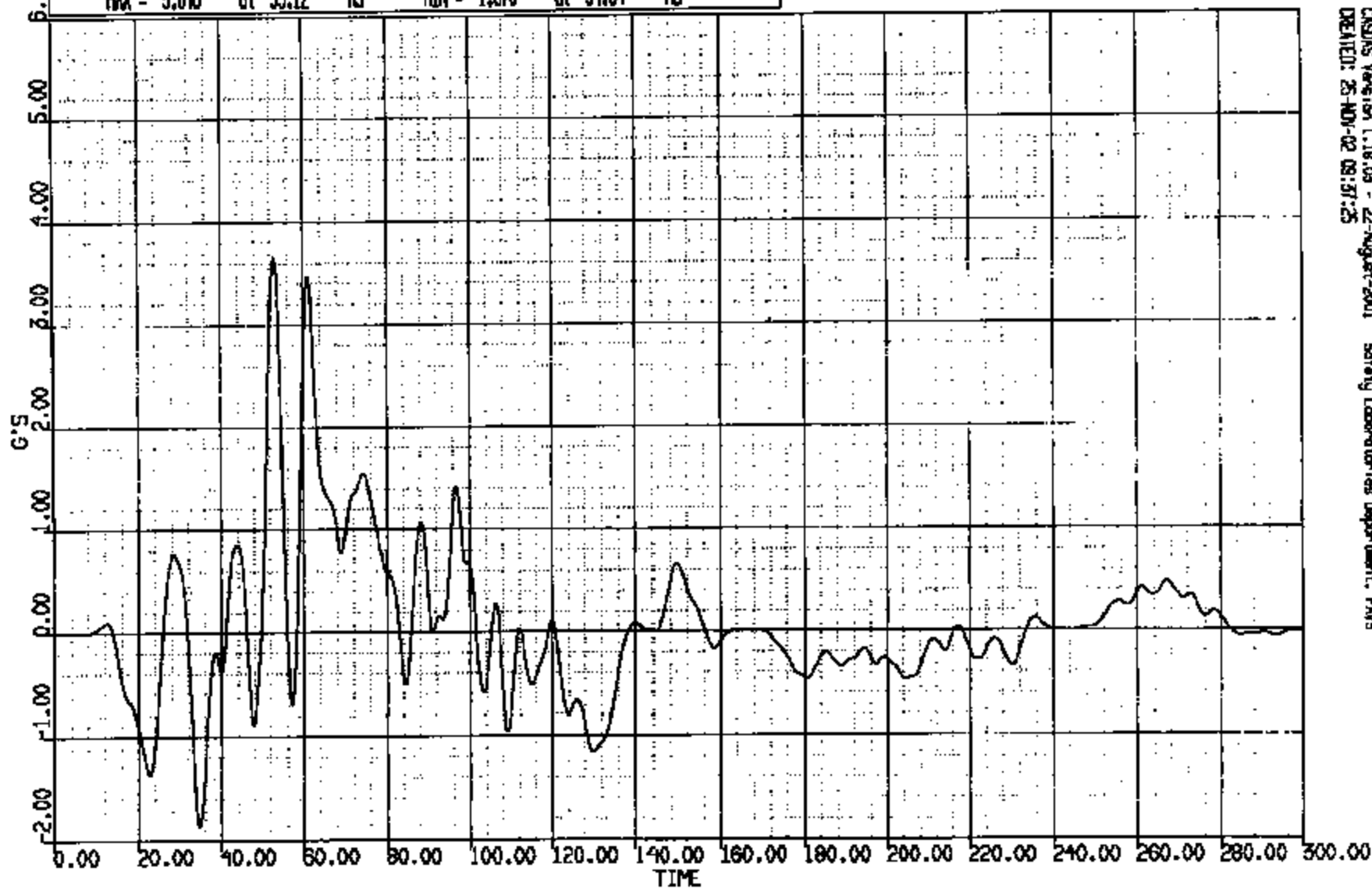
CRTS 0013025

SB R: 12025 TO: J86953 DATE: 31-JUL-2002 13:51:53
2003 EN114

(72) SB130251 R/B-PLR IN @ MID SH #31 LONG 60N

MAX = 3.646 at 53.12 NS MIN = -1.870 at 34.64 NS

AXIS 1



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PAVS
CREATED: 25-NOV-02 09:37:25

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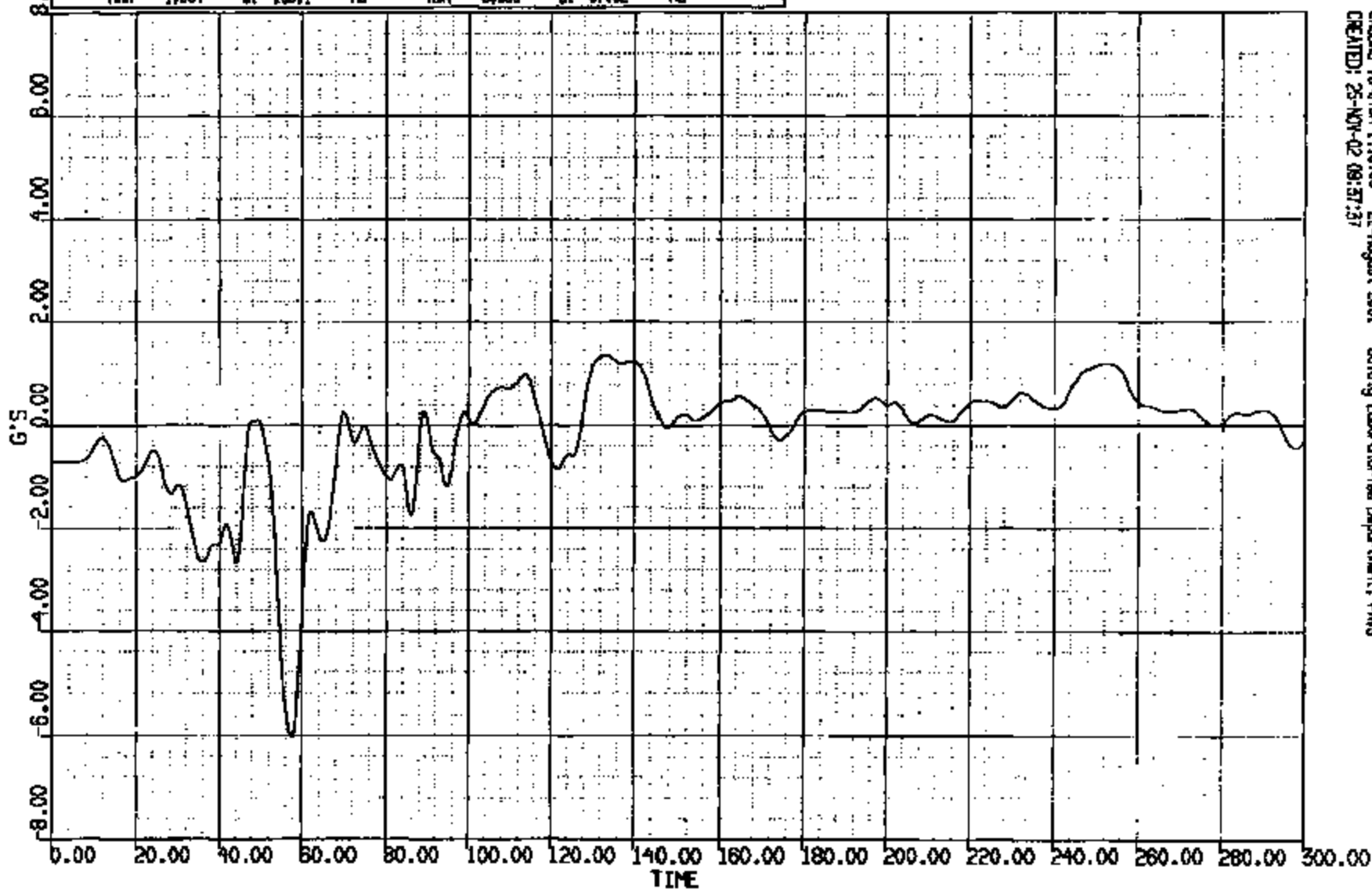
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SB R: 13025 TO: JB6953 DATE: 31-JUL-2002 13:51:53
2003 EN114

(73) SB13025T R/B-PLR IN @ MID SH #31 VERT 60N

MAX = 1.351 at 133.1 MS MIN = -6.053 at 57.52 MS

AXIS 1



CASUS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PWS
CREATED: 25-NOV-02 09:57:37

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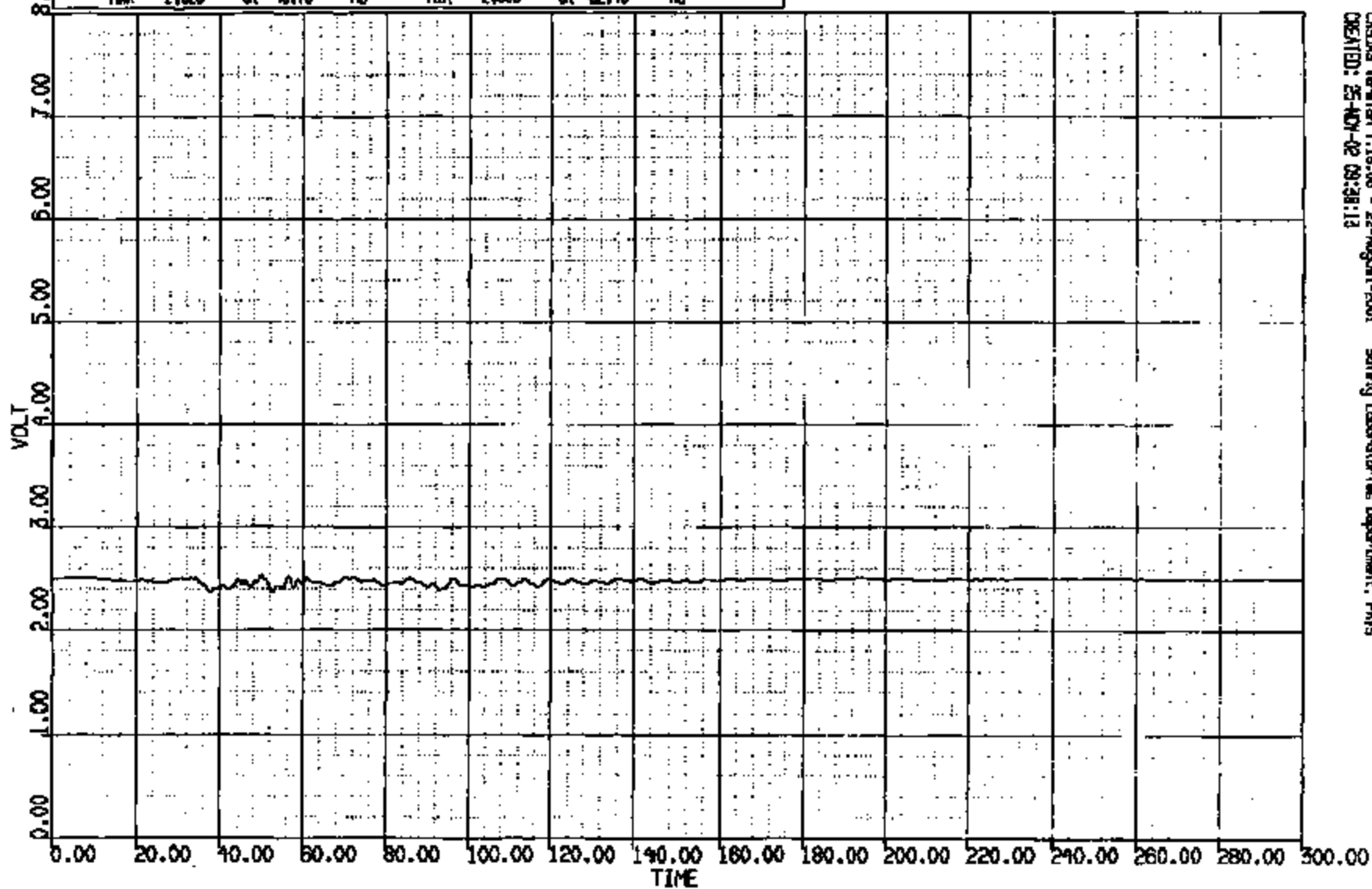
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SB R: 13025 TO: J8853 DATE: 31-JUL-2002 13:51:53
2008 EN114

(76) SB130251 R/B-PLR IN @ MID TAK13 #33 4000C

MAX = 2.525 at 49.76 NS MIN = 2.339 at 52.48 NS

AXIS 1



CASAS Version 1.18.08 - 22-August-2001 Safety Laboratories Department, PWS
CREATED: 25-NOV-02 09:38:13

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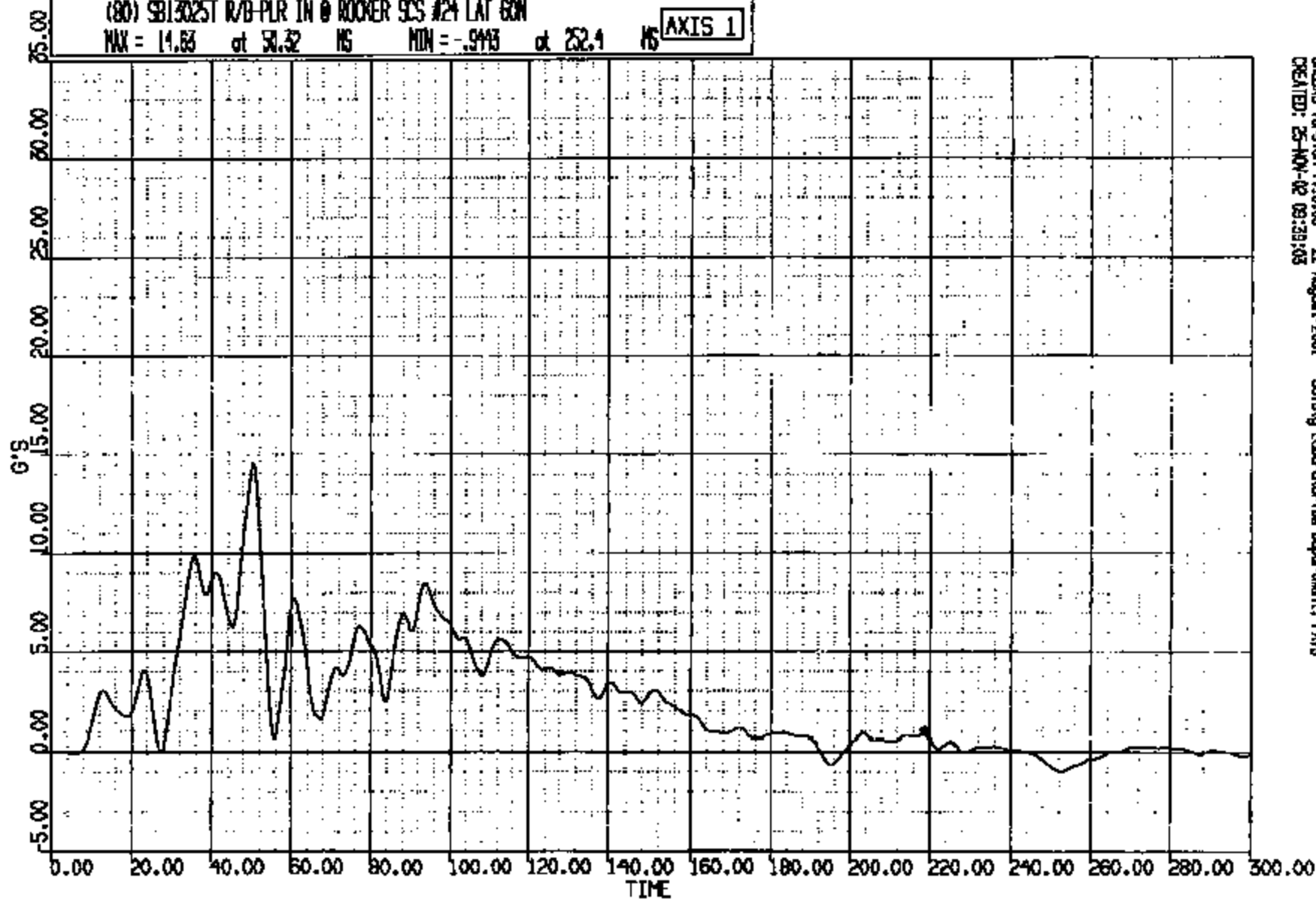
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SB R: 13025 TO: J86953 DATE: 31-JUL-2002 13:51:53
2003 EN114

(80) SBI3025T R/B-PLR IN @ ROCKER SCS #24 LAT 60N

MAX = 14.63 at 50.32 MS MIN = -.9443 at 252.4 MS

AXIS 1



CRS/AS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PHS
CREATED: 25-NOV-02 09:39:03

ENTIRE PAGE CONFIDENTIAL

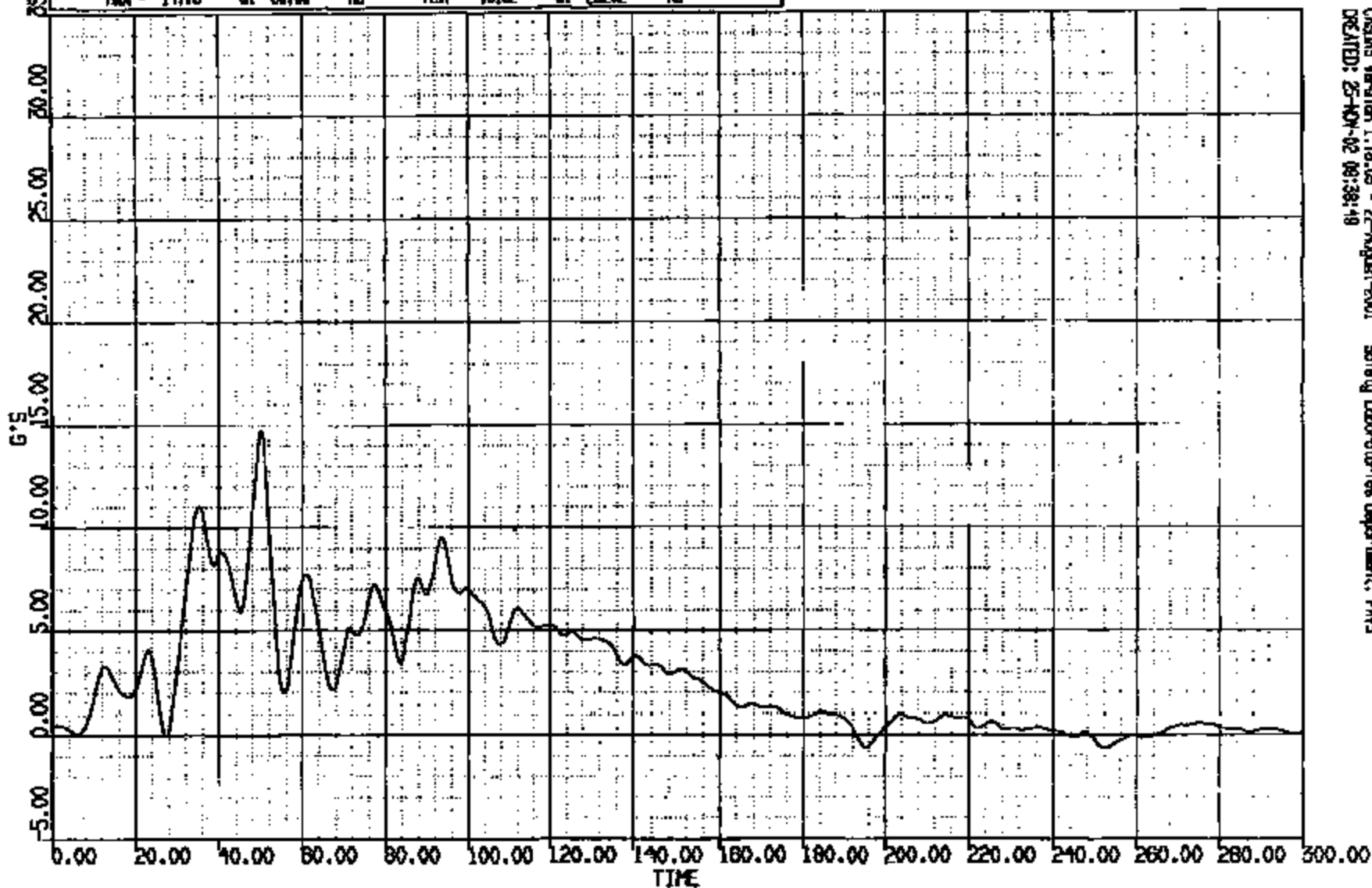
CRIS 0013025

SR R: 13025 TO: J88853 DATE: 31-JUL-2002 13:51:53
2002 EN114

(79) SB13025T R/O-PLR IN @ ROCKER SH #23 LAT 60N

MAX = 14.75 at 50.00 NS MIN = -.6132 at 252.2 NS

AXIS 1

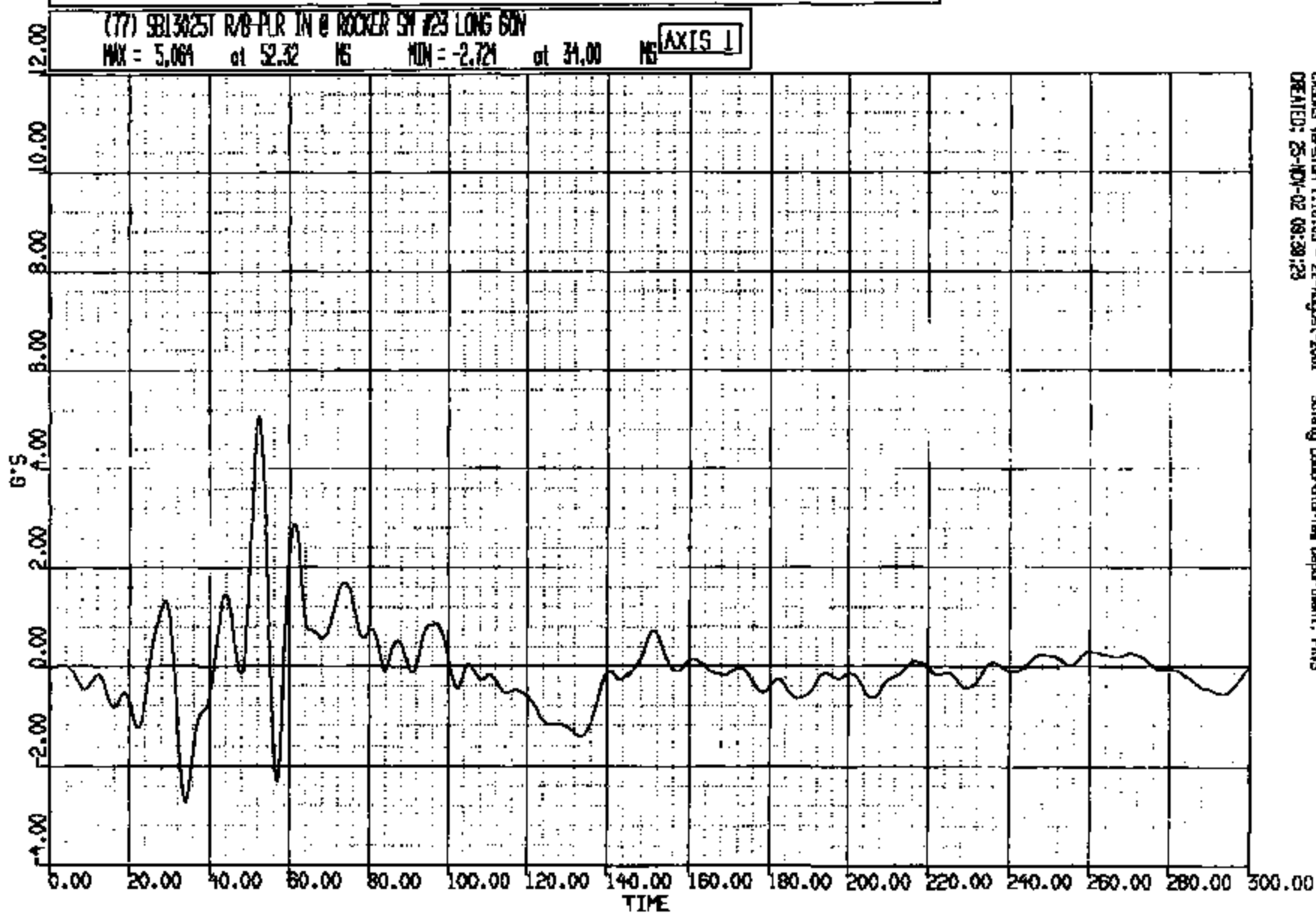


CASINS Version 1.18.05 - 22-August-2001
CREATED: 25-AUG-02 08:38:18
Seismic Laboratories Department, PMS

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CRTS 0013025

SB R: 12025 TO: J26653 DATE: 31-JUL-2002 13:51:53
2003 EN114



CASMS Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PWS
CREATED: 25-NOV-02 09:39:23

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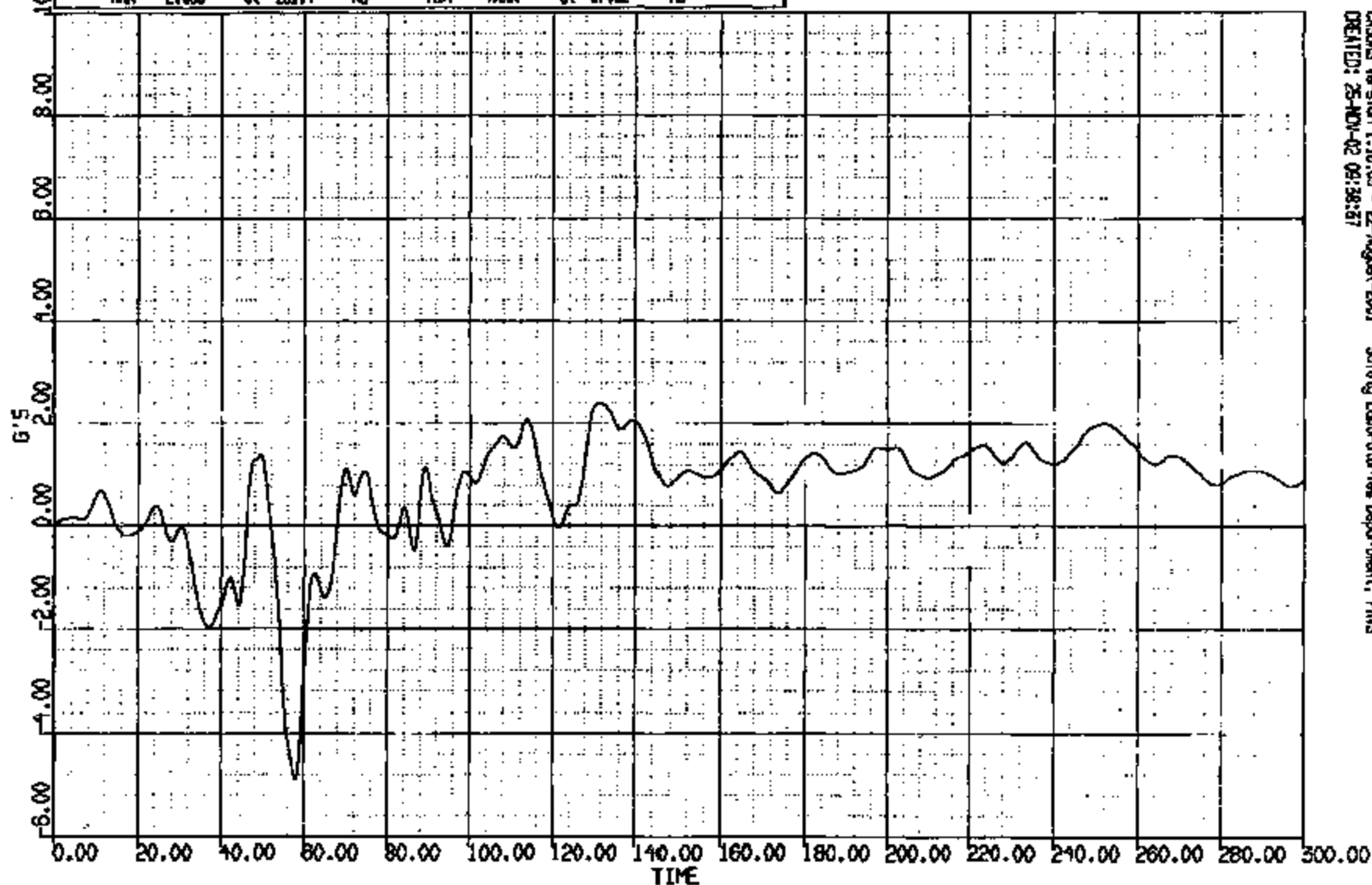
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BB R: 12025 TO: JB8852 DATE: 21-JUL-2002 13:51:53
2002 EN114

(78) 93130251 R/B-PLR IN @ ROCKER SN #23 VERT 60N

MAX = 2.396 at 131.1 MS MIN = -4.897 at 57.92 MS

AXIS 1



CASMS Version 1.18.02 - 22-August-2001 Safety Laboratories Department, PMS
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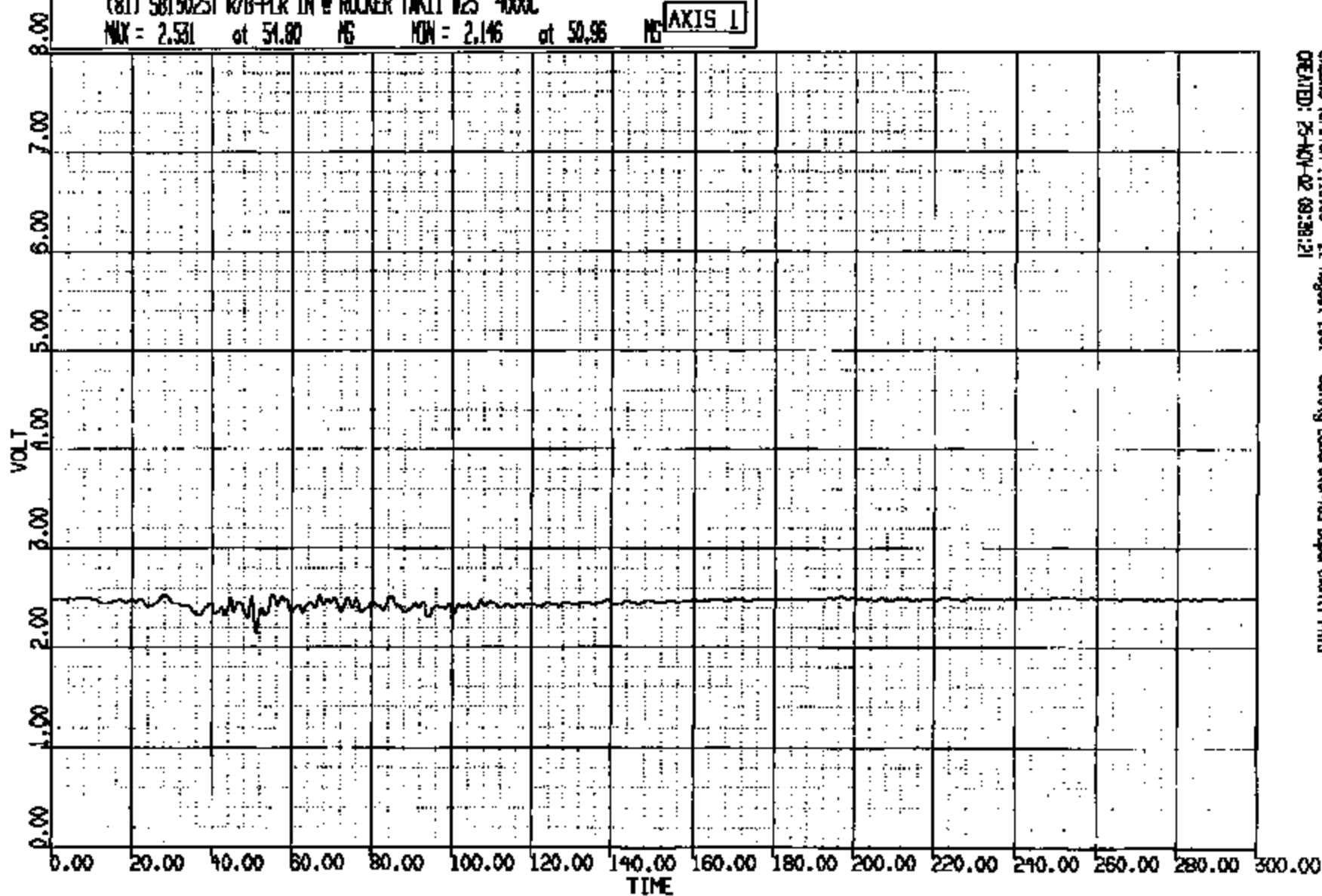
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SB R: 13025 TO: J88853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(81) SB13025T R/B-PLR IN @ ROCKER TAK11 #25 4000C

MAX = 2.531 at 51.80 MS MIN = 2.146 at 50.96 MS

AXIS 1

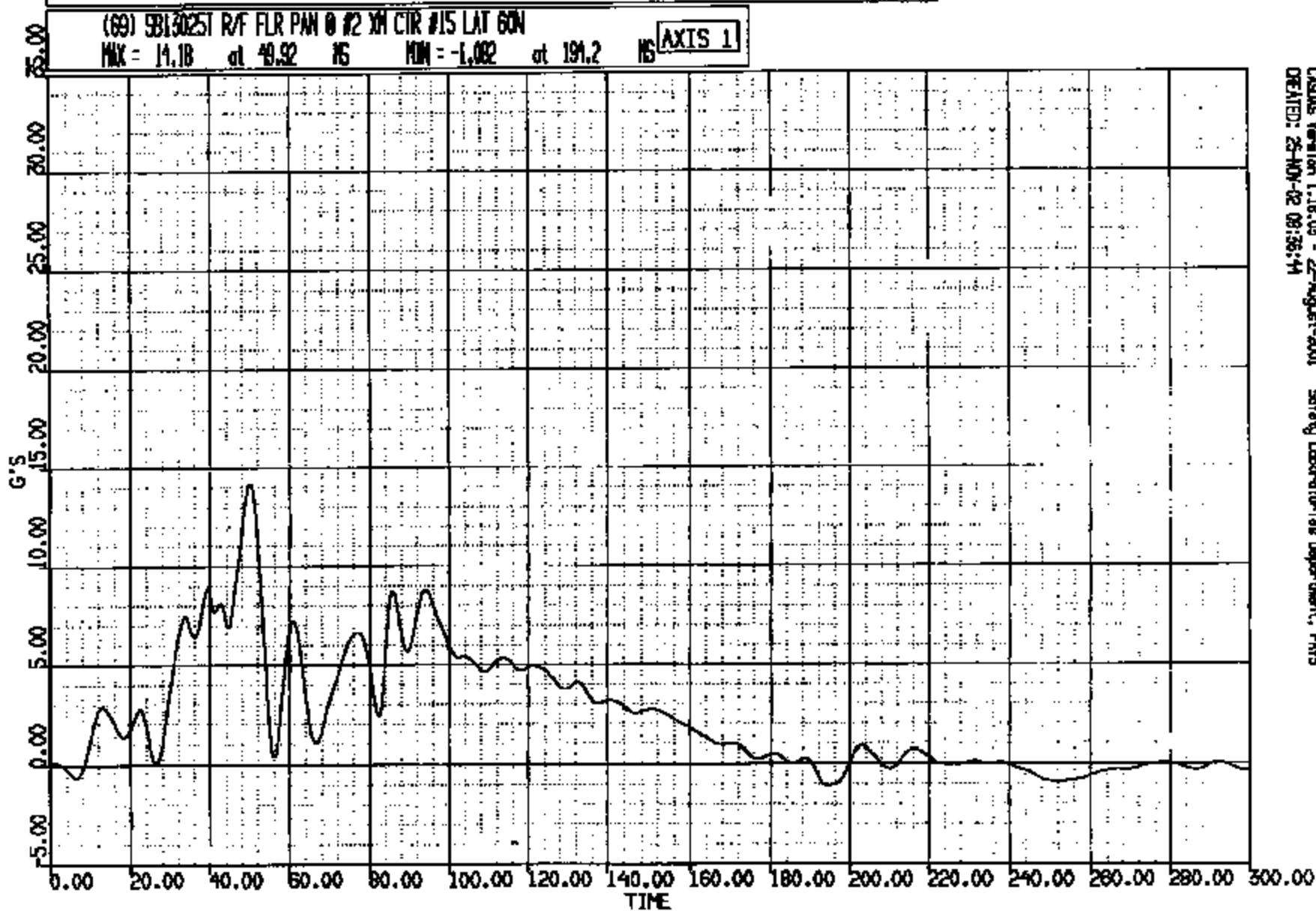


CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-AUG-02 09:38:21

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CRIS 0013025

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2003 EN114

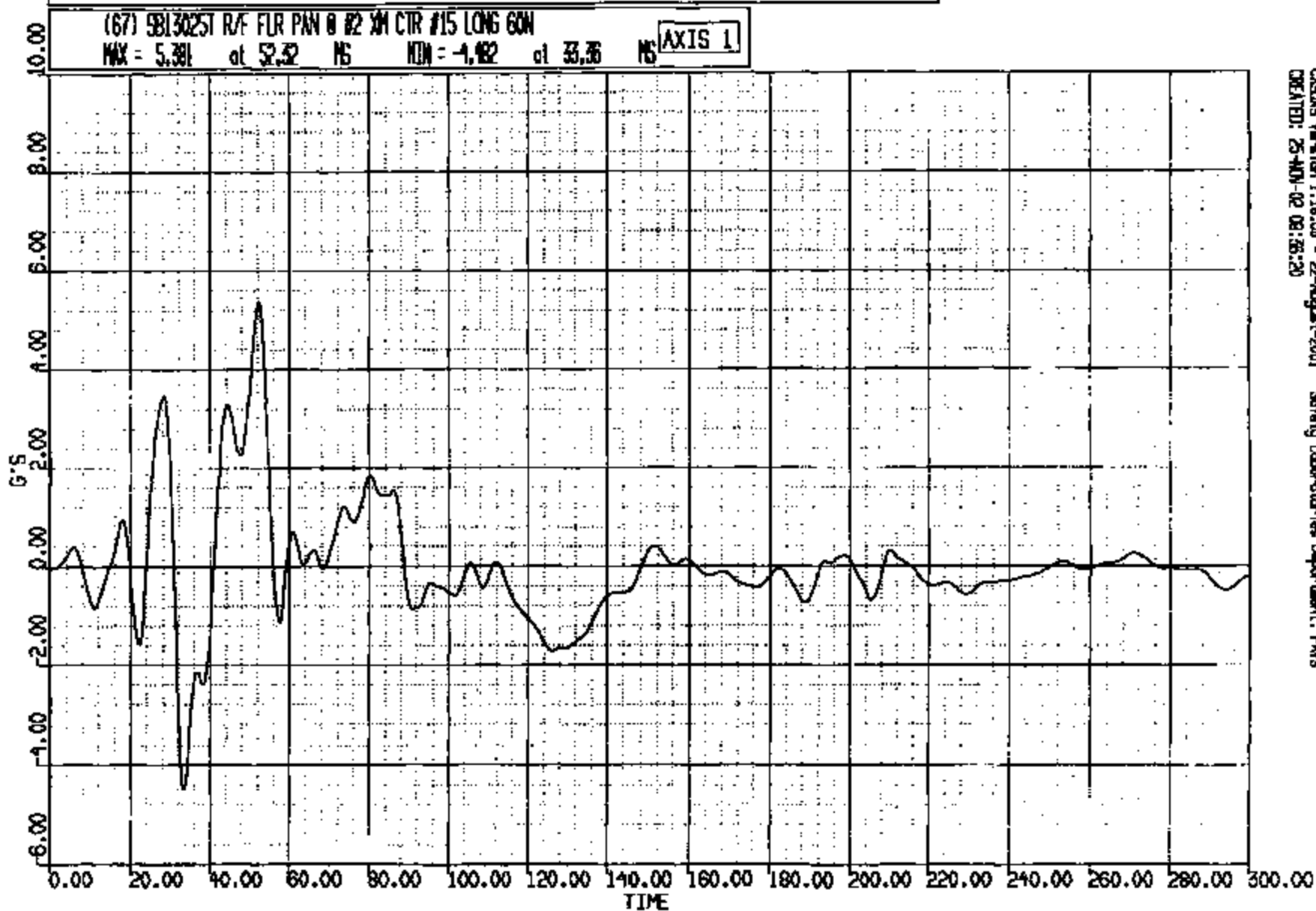


CASUS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-NOV-02 09:36:44

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CRIS 0013025

SB R: 15025 TO: J86833 DATE: 31-JUL-2002 13:51:53
2003 EN114



CASAS Version 1.18.05 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-AUG-02 08:55:20

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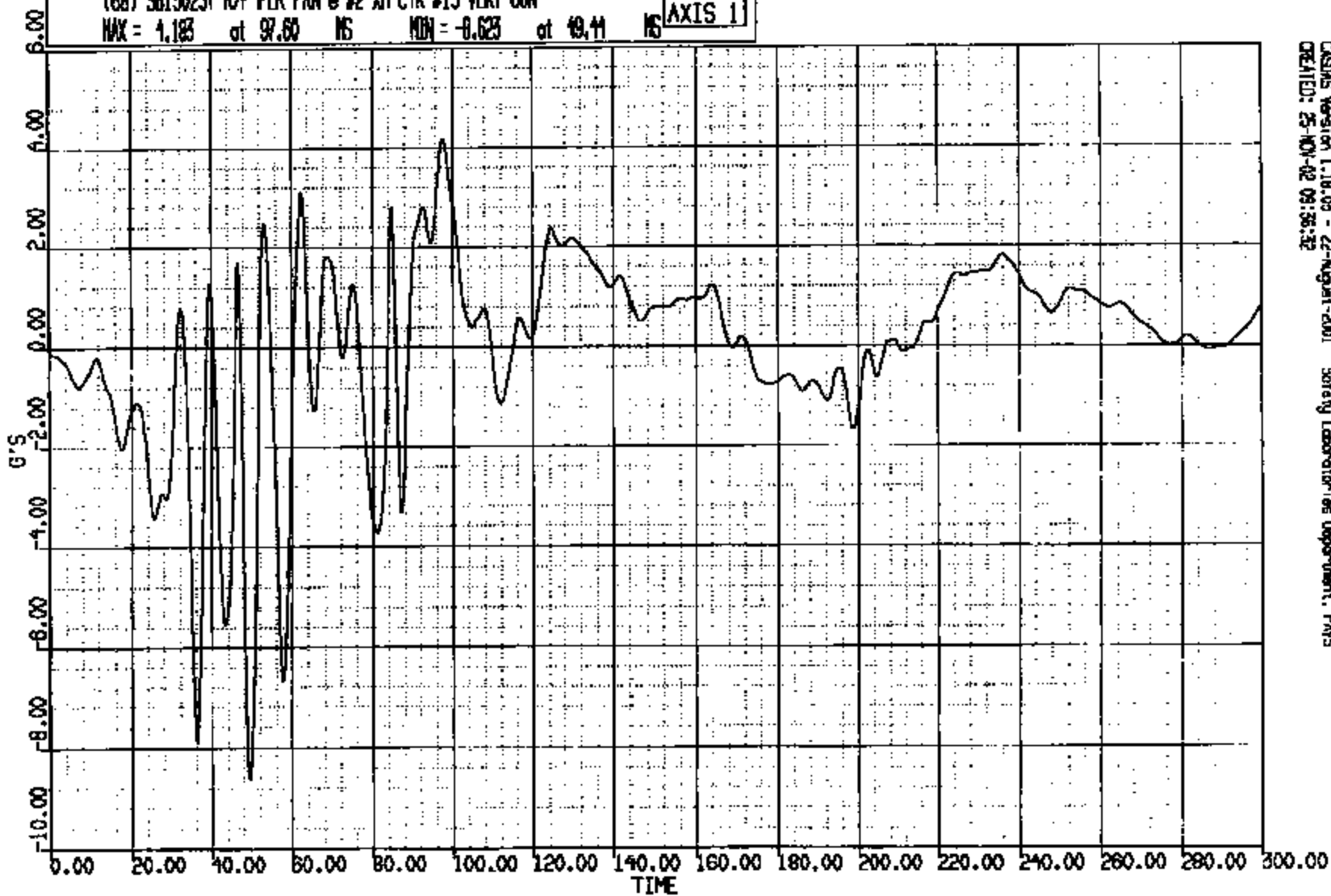
CRIS 0013025

SB R: 13025 TO: JB6653 DATE: 31-JUL-2002 13:51:53
2003 EN114

(68) SB13025T R/F FLR PAN @ #2 XM CTR #15 VERT 60N

MAX = 1.183 at 97.60 MS MIN = -8.623 at 49.44 MS

AXIS 1



CASAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PWS
CREATED: 25-NOV-02 09:35:32

ENTIRE PAGE CONFIDENTIAL

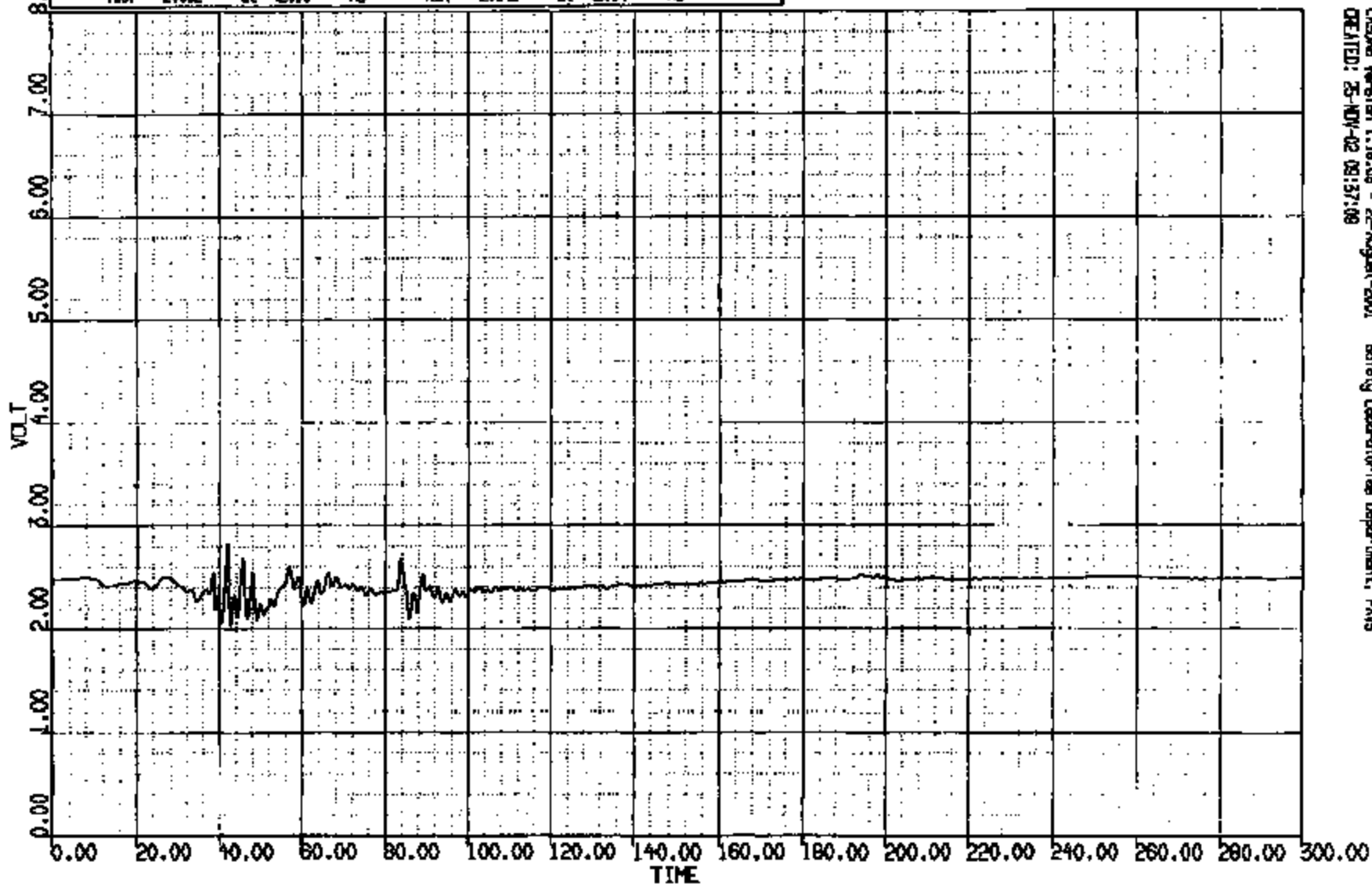
CRIS 0013025

SB R: 13025 TO: JB8853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(71) SB130251 RA FLR PAN 0 #2 XM CTR TAK9 # 4000C

MAX = 2.852 at 42.00 MS MIN = 2.042 at 42.04 MS

AXIS 1

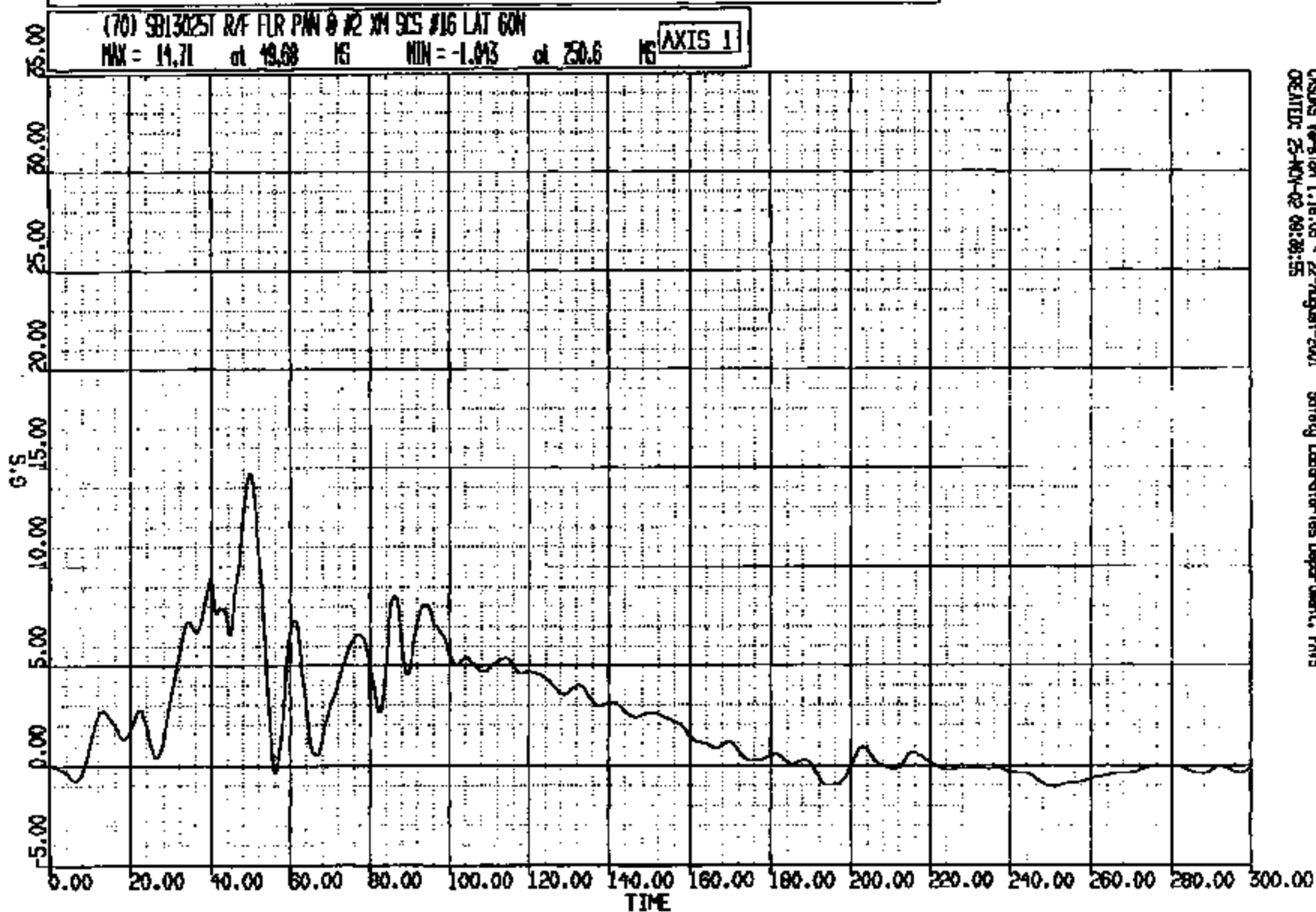


CASDAS Version 1.18.03 - 23-August-2001 Safety Laboratory Department, PMS
CREATED: 25-NOV-02 09:57:08

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CRIS 0013025

SB R: 13025 TO: JB8253 DATE: 31-JUL-2002 13:51:52
2003 EN114



CASDAS Version 1.18.03 - 22-August-2001 Safety Laboratories Department, PMS
CREATED: 25-NOV-02 09:28:55

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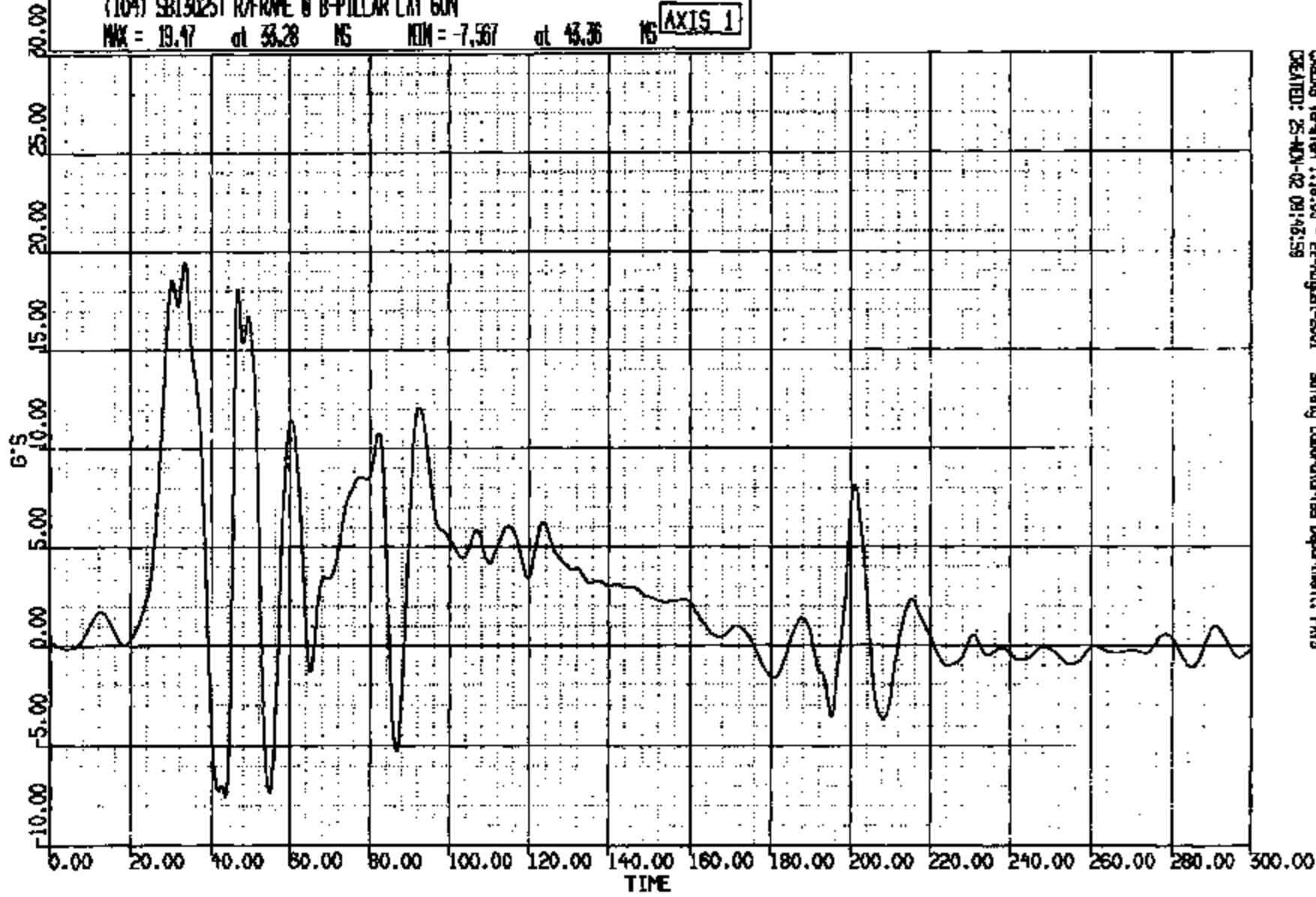
CRIS 0013025

BB R: 13025 TO: JB8853 DATE: 31-JUL-2002 13:51:53
2003 EN114

(104) SB13025T R/F RAVE @ B-PILLAR LAT 60N

MAX = 19.47 at 33.28 NS MIN = -7.567 at 43.36 NS

AXIS 1

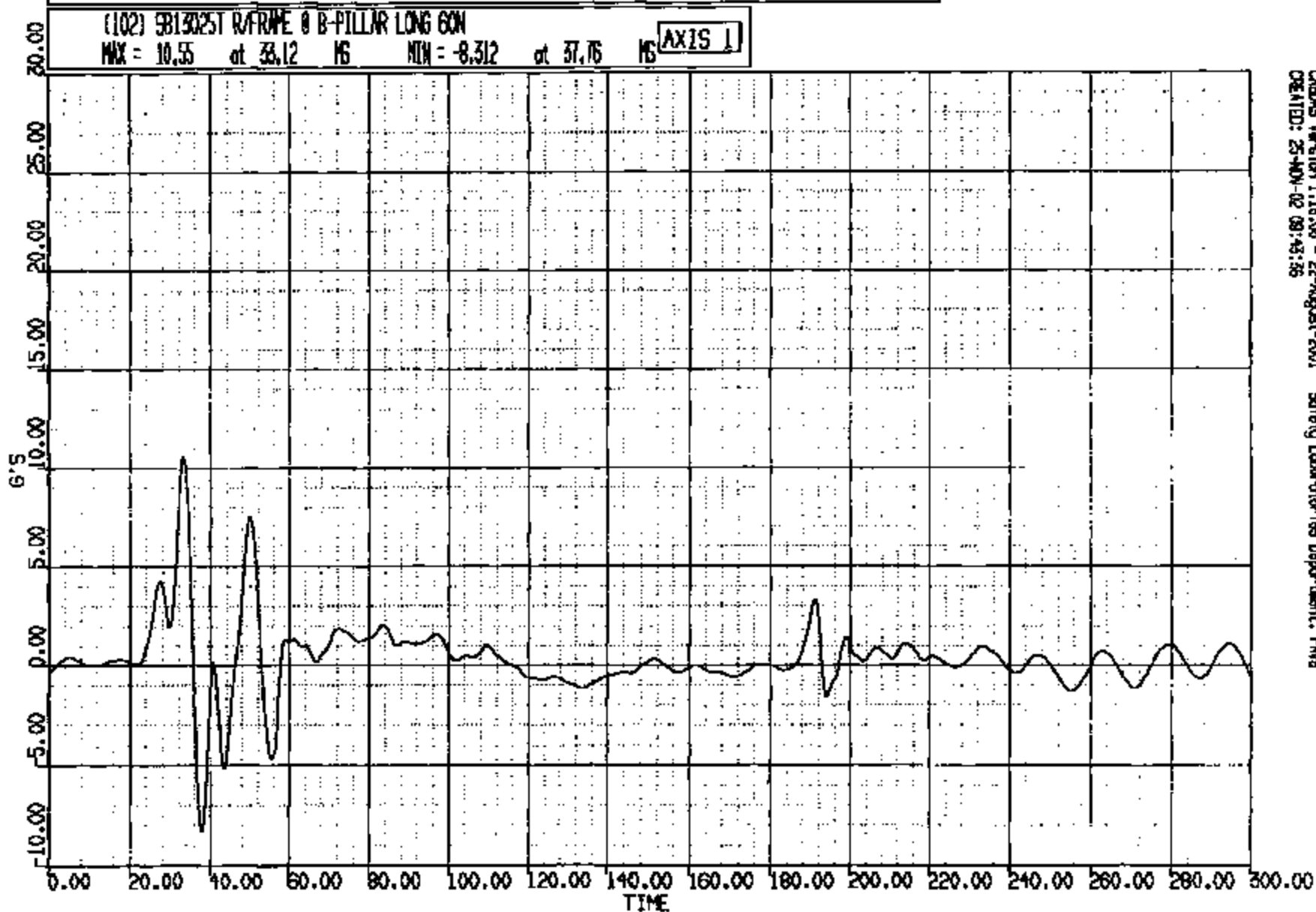


CMAS Version 1.18.03 - 22-August-2001 Serials Laboratories Department, PMS
CREATED: 25-AUG-02 09:45:59

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CRIS 0013025

SB R: 15025 TO: J88953 DATE: 31-JUL-2002 13:51:53
2003 EN114



CASAS Version 1.16.05 - 22-August-2001 Safety Laboratories Department, PHS
CREATED: 25-JUN-02 09:43:35

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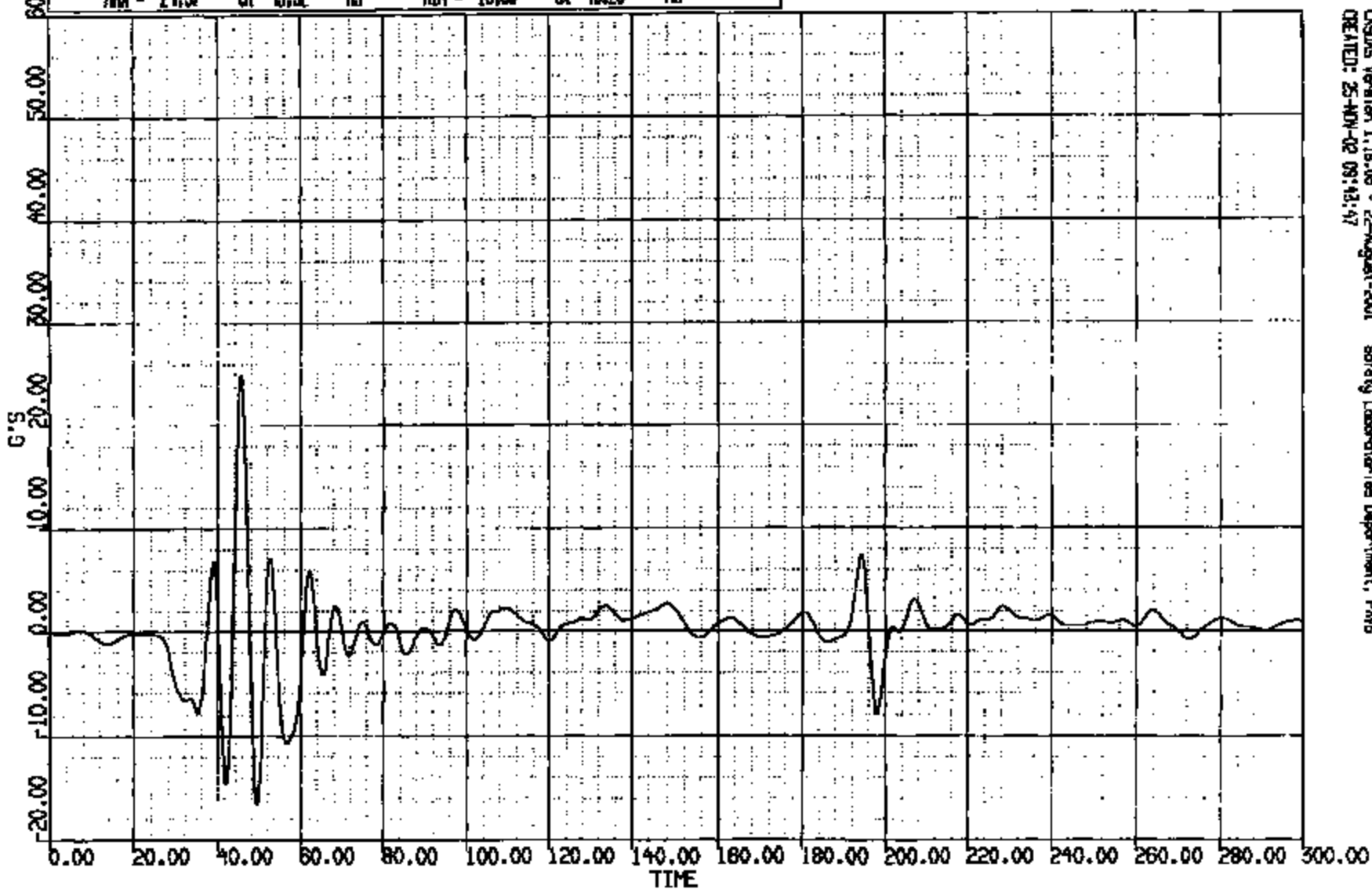
CRTS 0013025

SB R: 13025 TO: J86853 DATE: 31-JUL-2002 13:51:53
2002 EN114

(103) SBL3025T R/FRAME @ B-PILLAR VERT GON

MAX = 24.97 at 45.52 MS MIN = -16.60 at 19.28 MS

AXIS 1

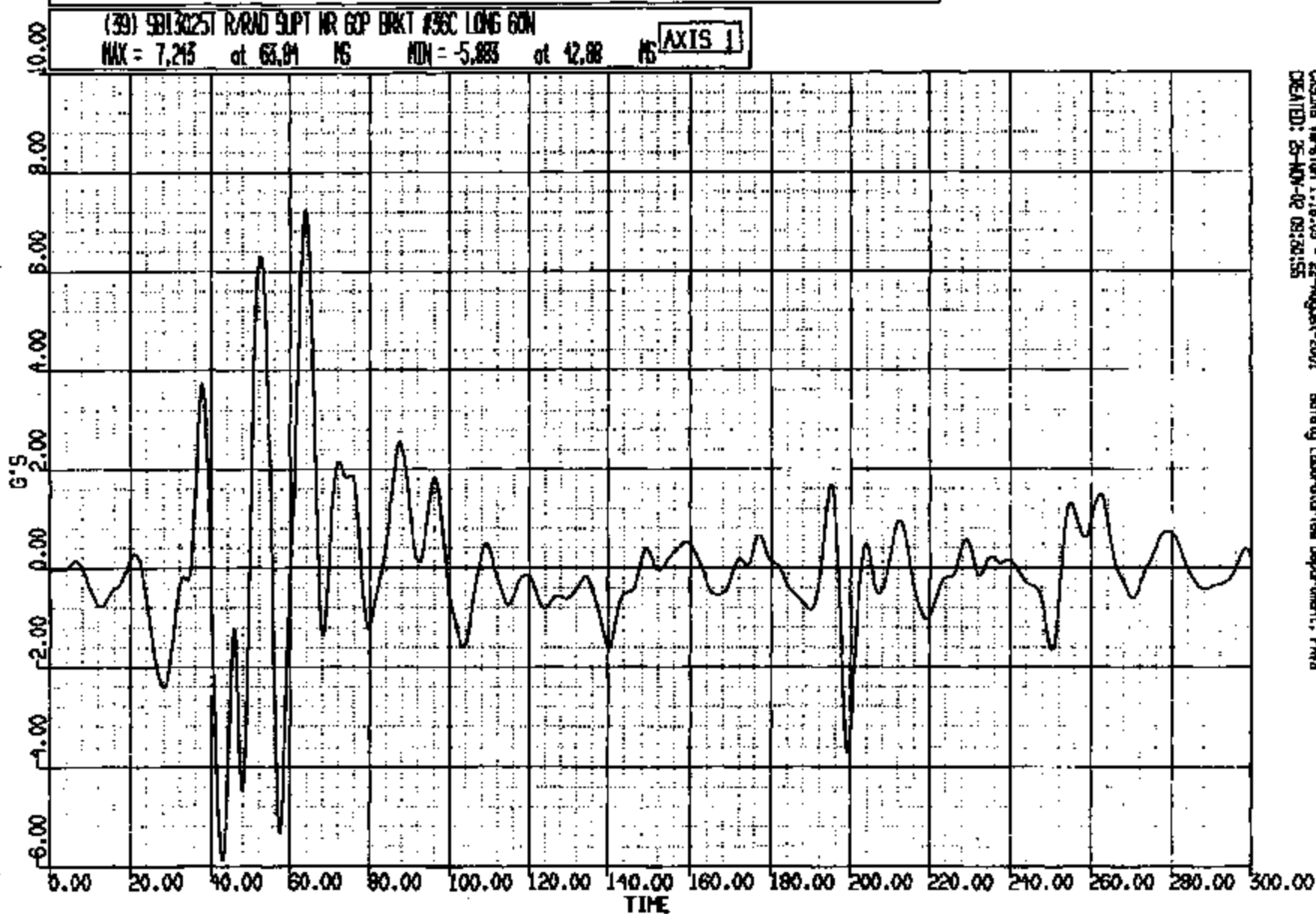


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CRTS 0013025

NR R: 15025 TO: J88952 DATE: 31-JUL-2002 13:51:55
2003 EN114



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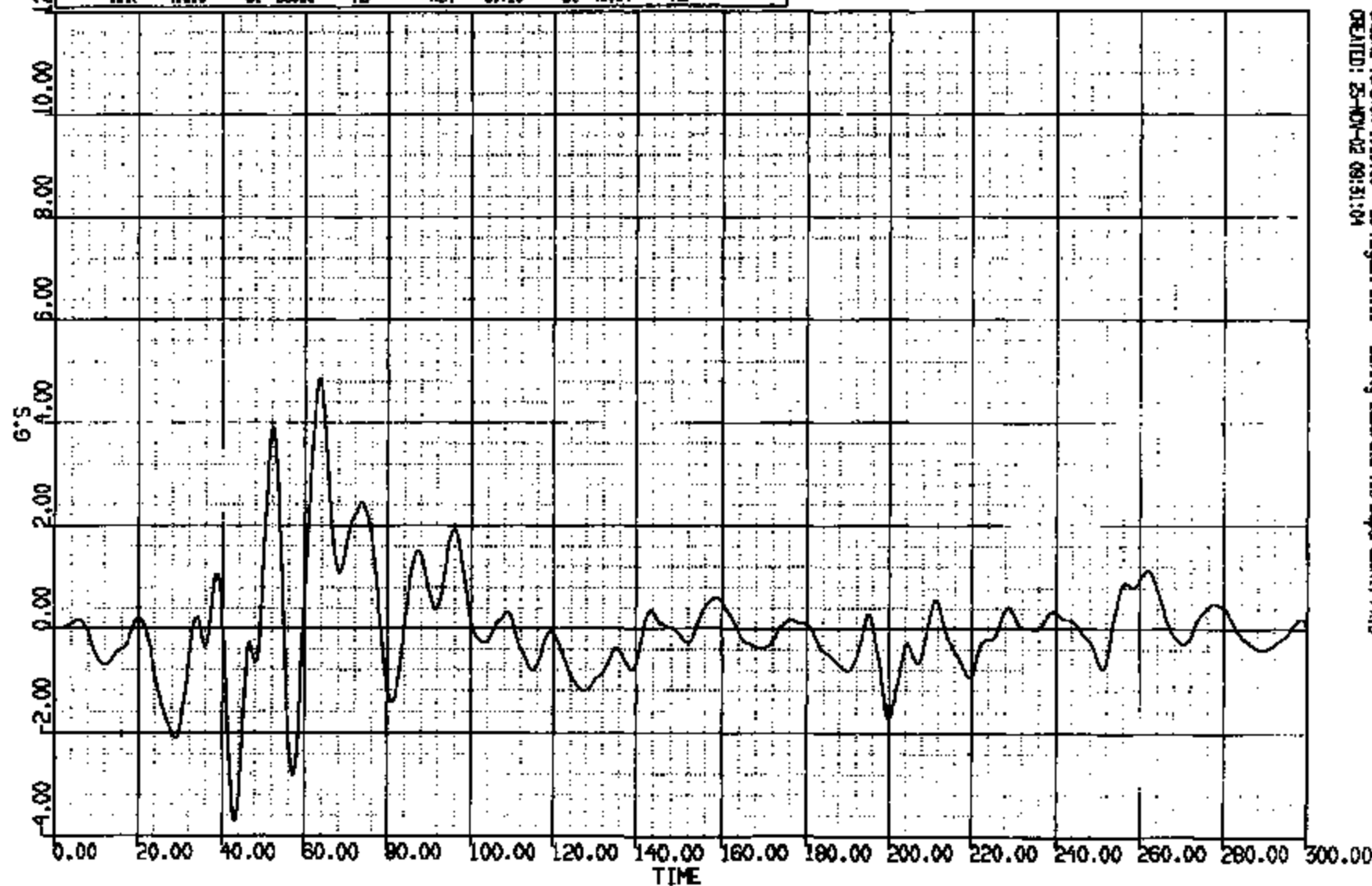
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2003 EN114

(40) SB13025T R/RAD SPT OB ON RAD SPT #360 LONG 60N

MAX = 4.873 at 63.60 MS MIN = -3.719 at 43.04 MS

AXIS 1



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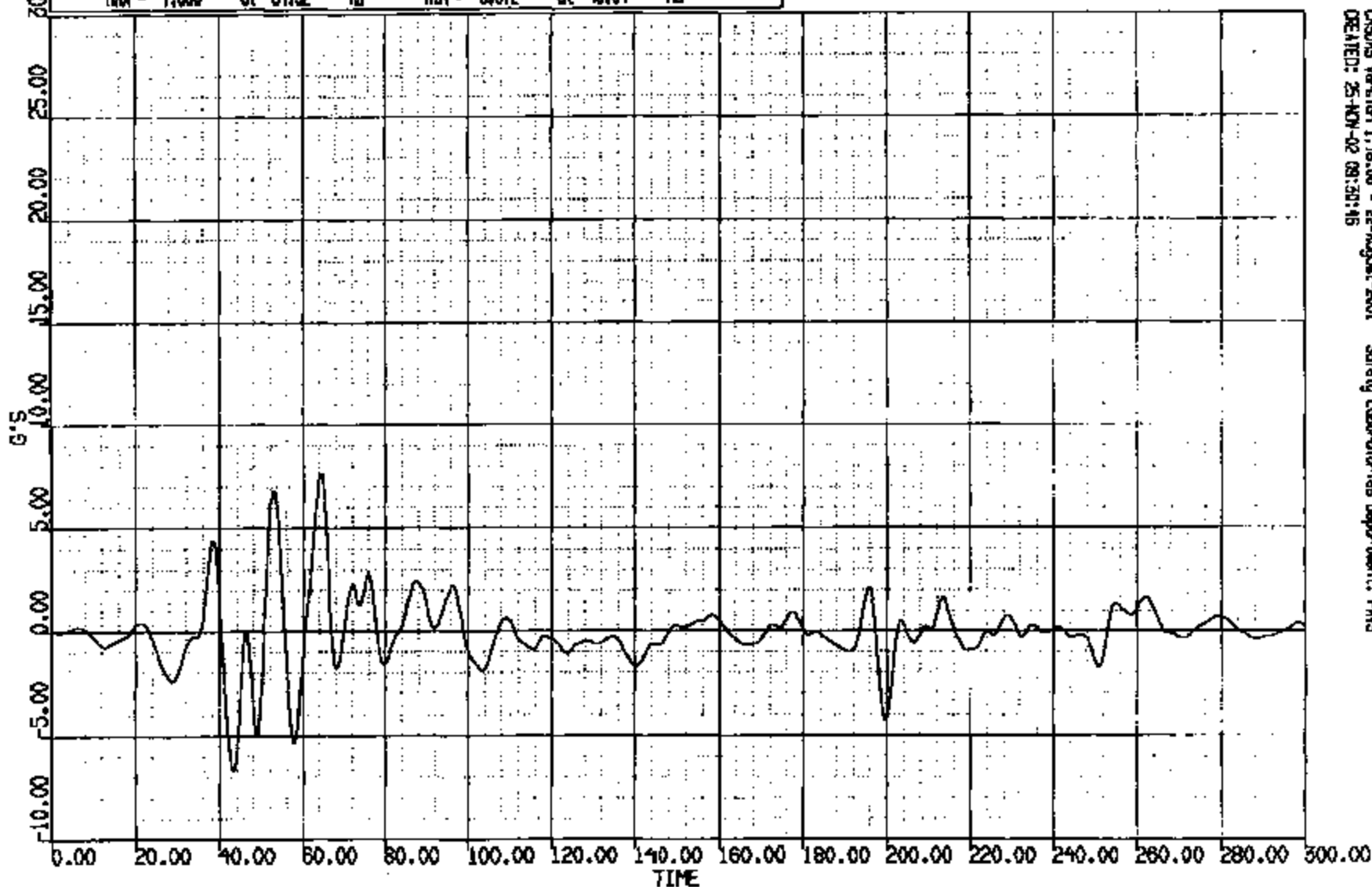
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2002 EN114

(38) 5313025T R/RAD SUPT ON GOP BRKT #368 LONG GON

MAX = 7.680 at 61.32 MS MIN = -6.572 at 43.04 MS

AXIS 1



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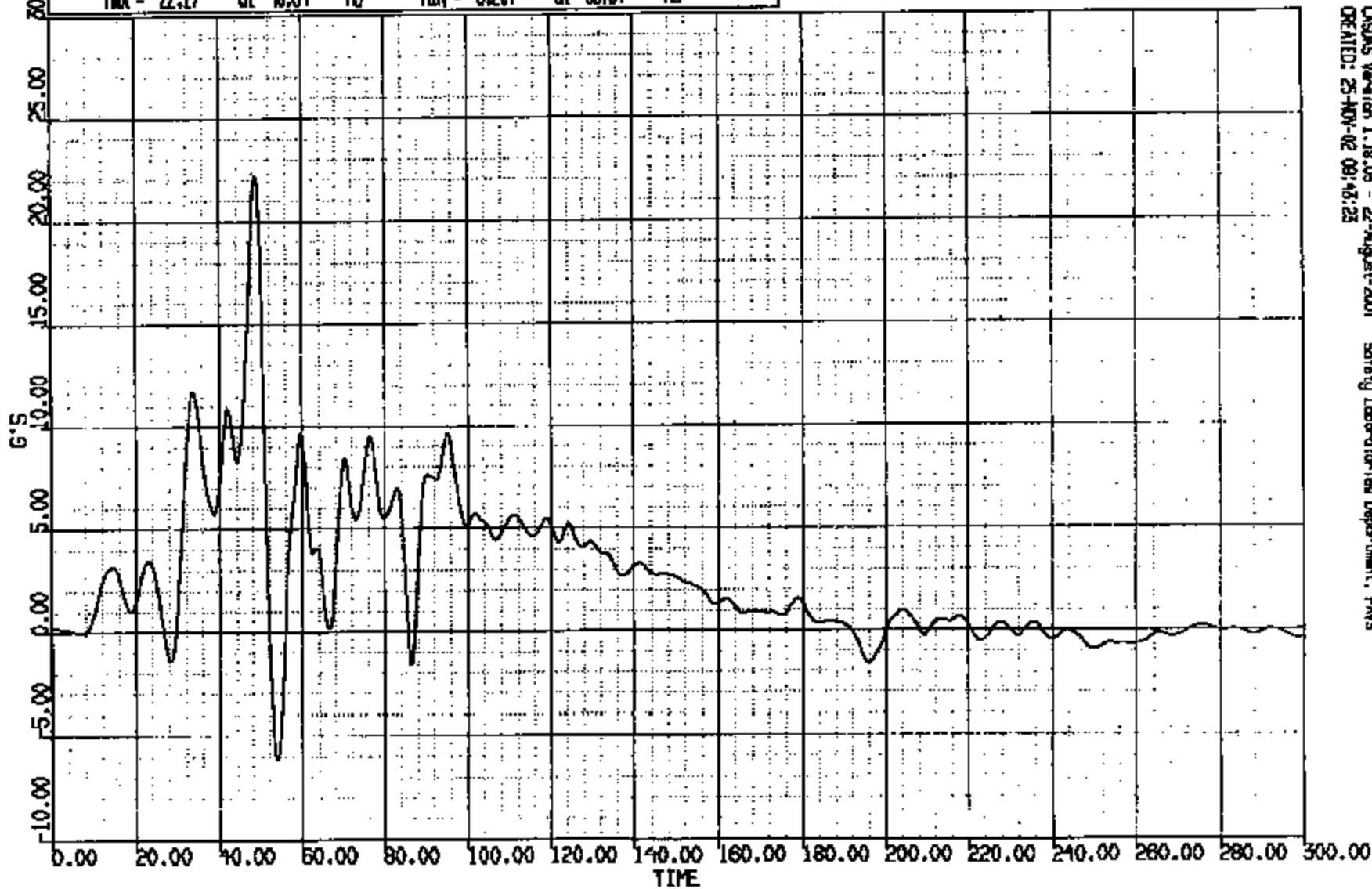
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2003 EN114

(101) 9813025T R/ROCKER @ B-PILLAR LAT 60N

MAX = 22.27 at 40.64 MS MIN = -6.207 at 53.91 MS

AXIS 1



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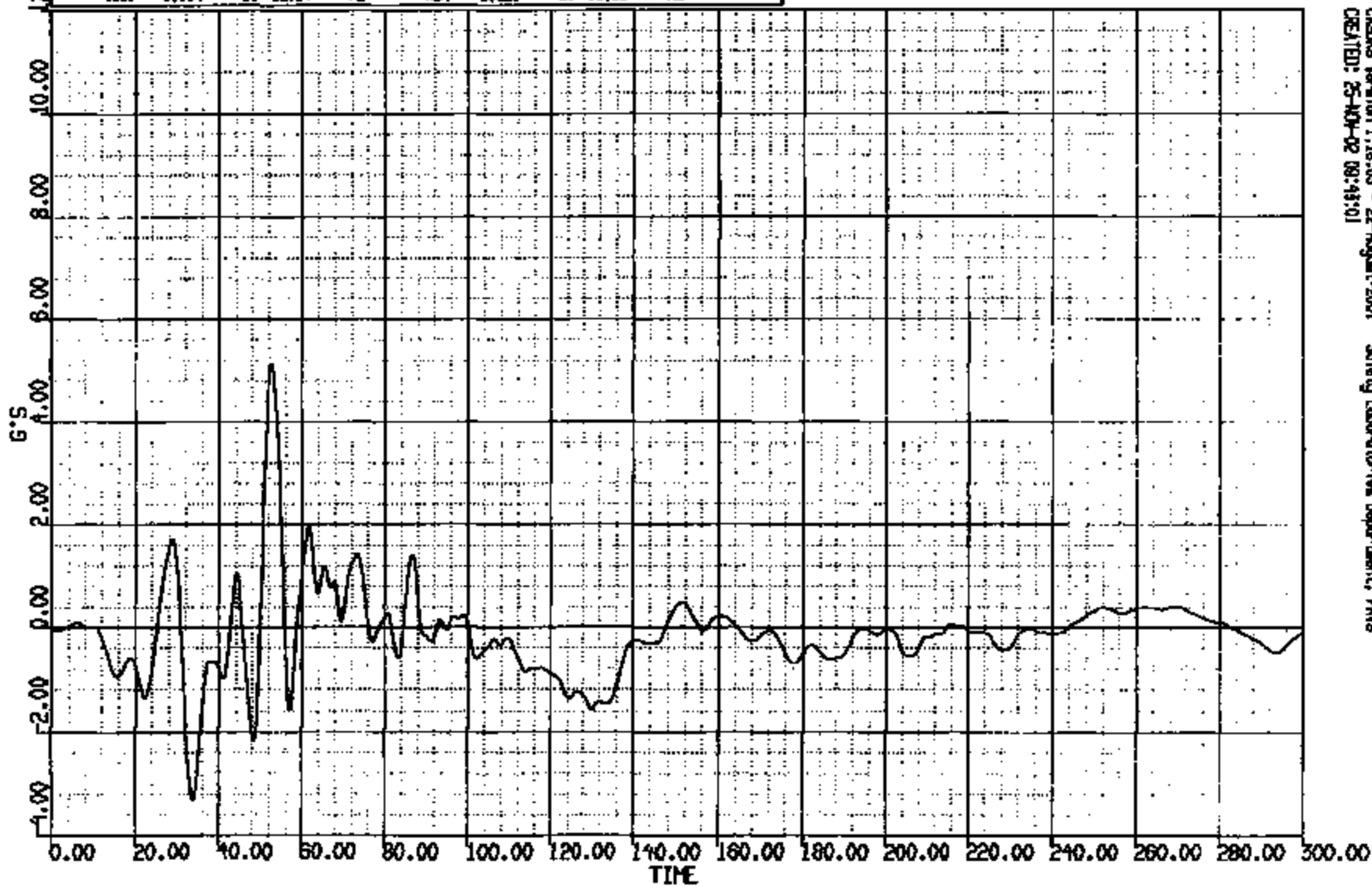
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2003 EN114

(99) 9813025T R/ROCKER 8 B-PILLAR LONG 60N

MAX = 5.131 at 52.61 NS MIN = -3.323 at 33.68 NS

AXIS 1



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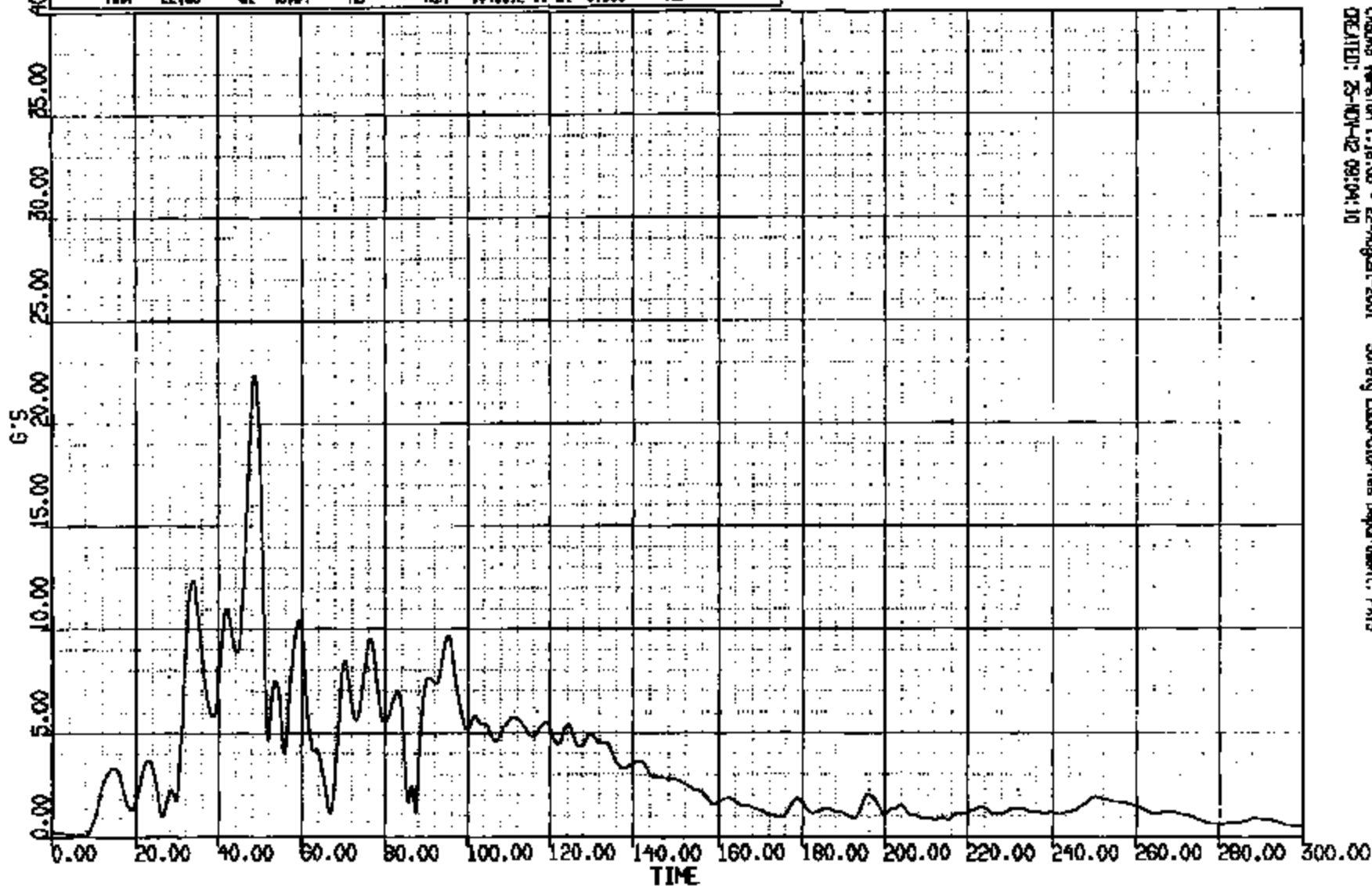
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BB R: 18025 TO: J88253 DATE: 31-JUL-2002 13:51:53
2003 EN114

(10006) SBI3025T R/ROCKER @ B-PILLAR RES 60N

MAX = 22.39 at 48.64 NS MIN = 0.4601E-01 at 8.000 NS

AXIS 1



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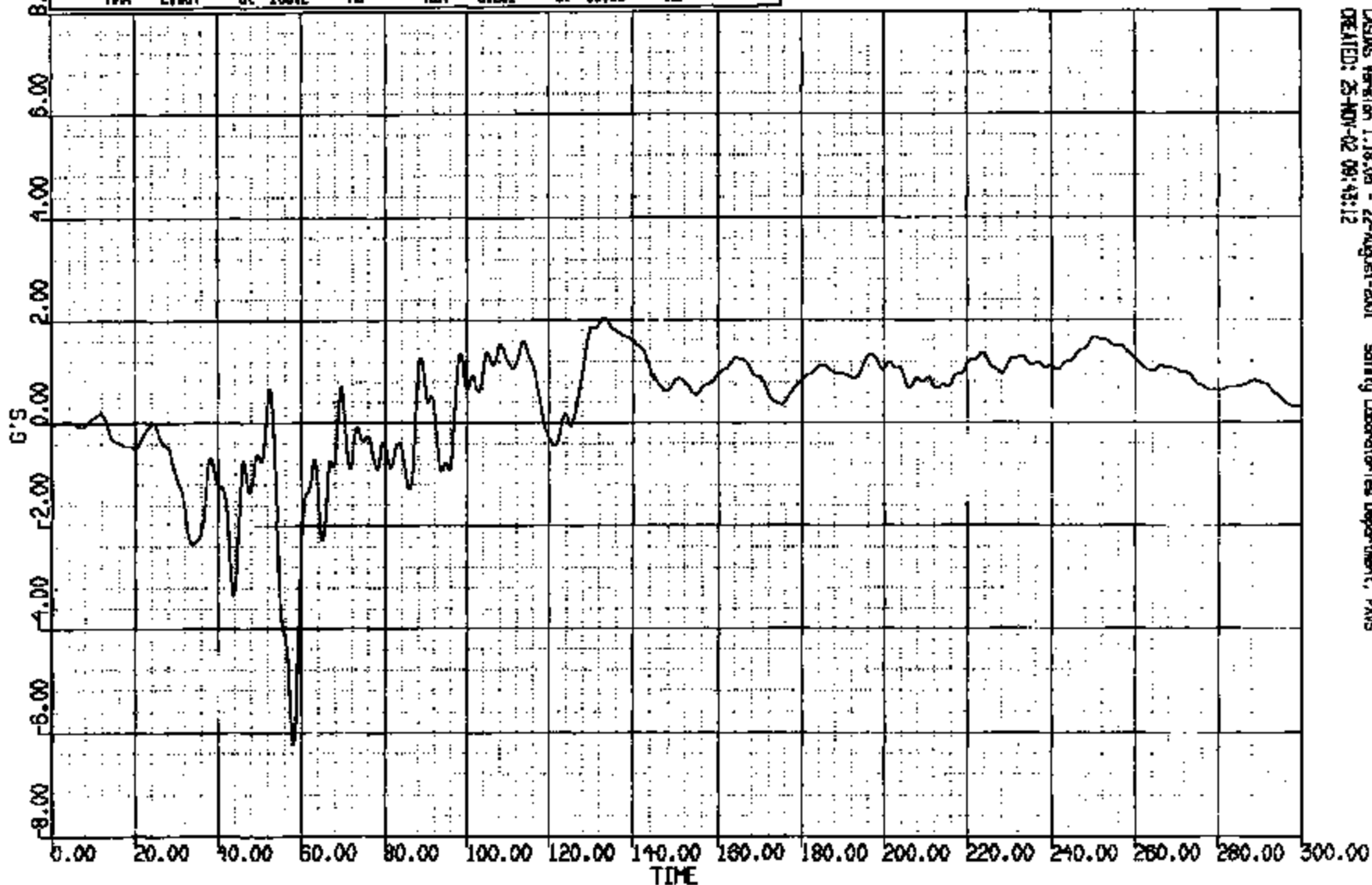
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SB R: 13025 TO: J86853 DATE: 31-JUL-2002 12:51:53
2003 EN114

(100) 5313025T R/ROCKER @ B-PILLAR VERT GON

MAX = 2.054 at 133.2 MS MIN = -6.251 at 58.08 MS

AXIS 1

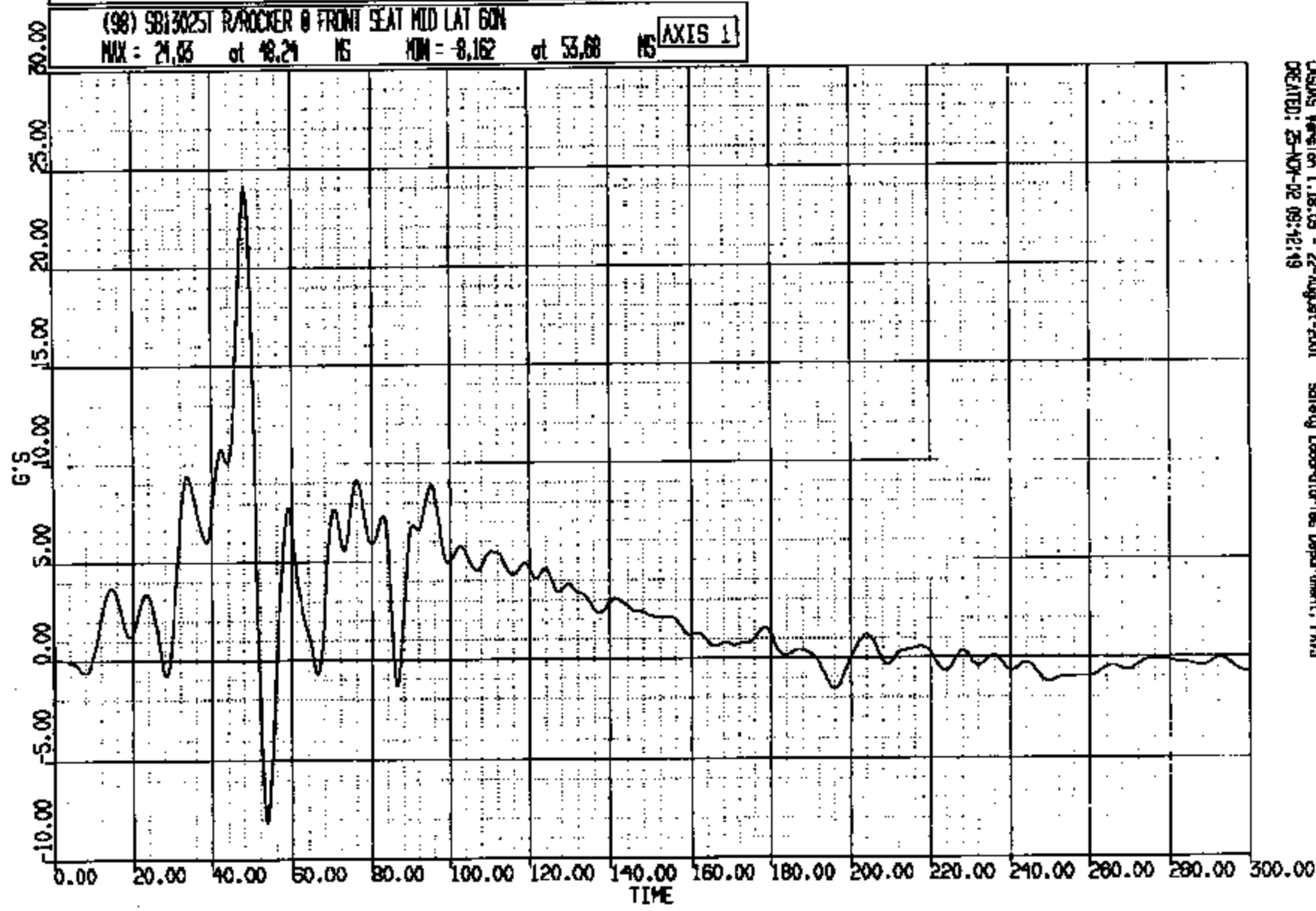


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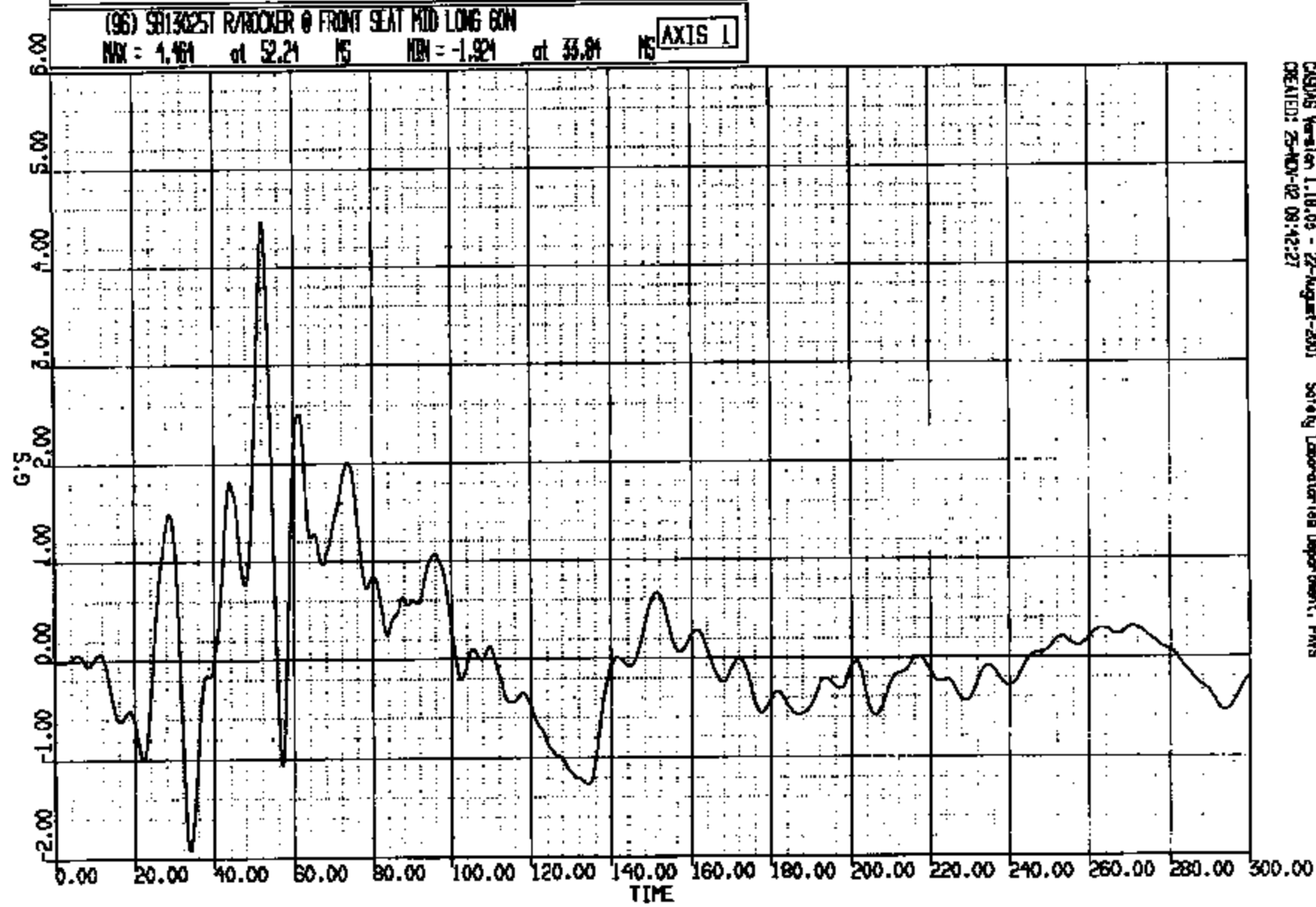


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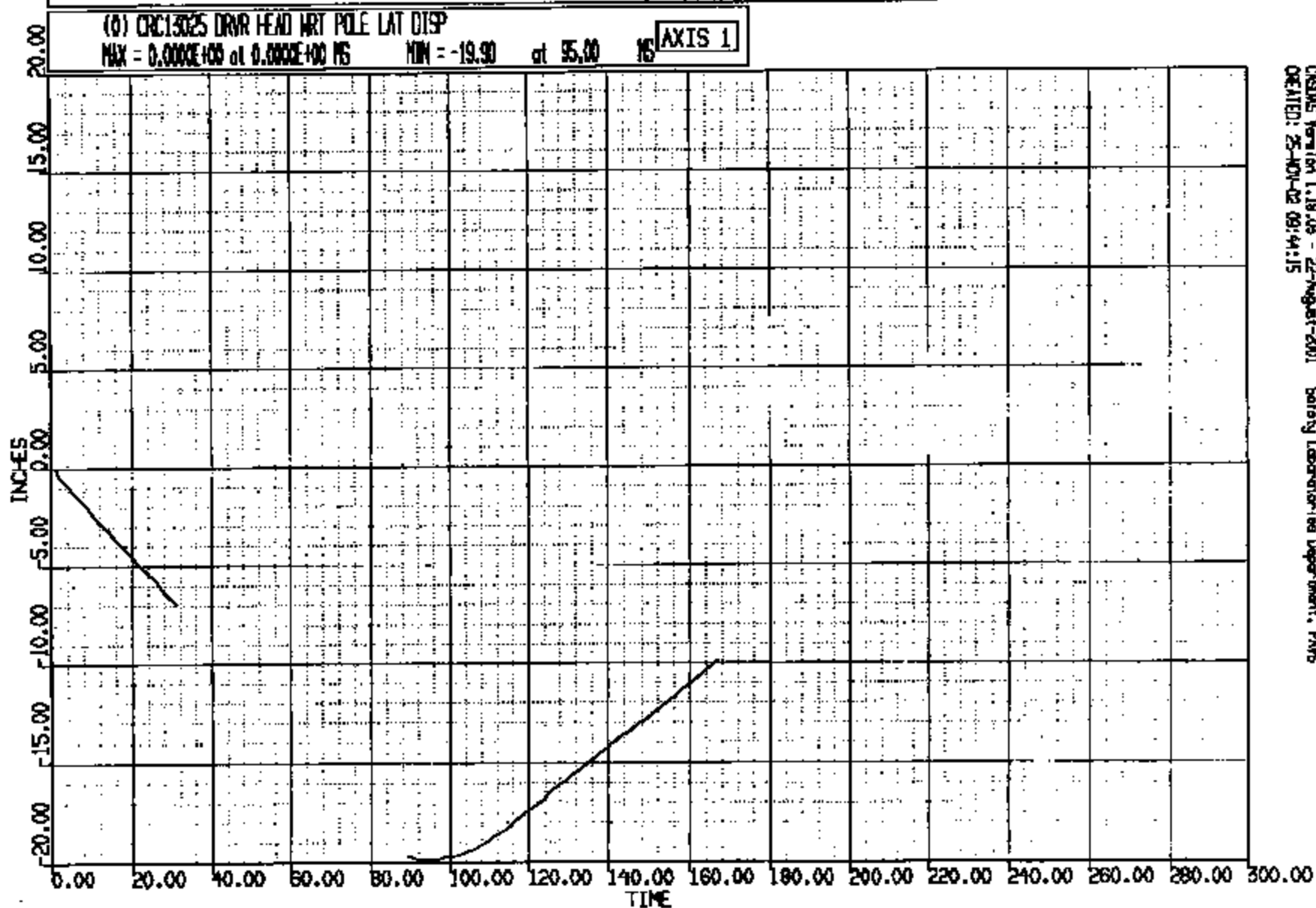


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SB R: 13025 TO: JB6853 DATE: 31-JUL-2002 15:31:35
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