

Appendix H - Single vs. Double Margining

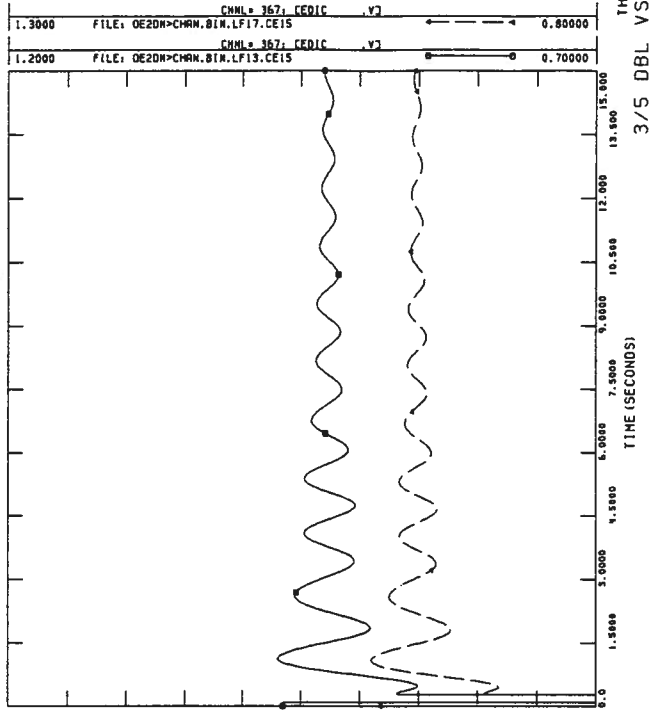
3/5 Oswego units

CE-15, All scenarios	H-1
CE-07AR, All scenarios	H-2
Moses South Contingencies, 2 POLE HVDC, 0 POLE HVDC	H-3

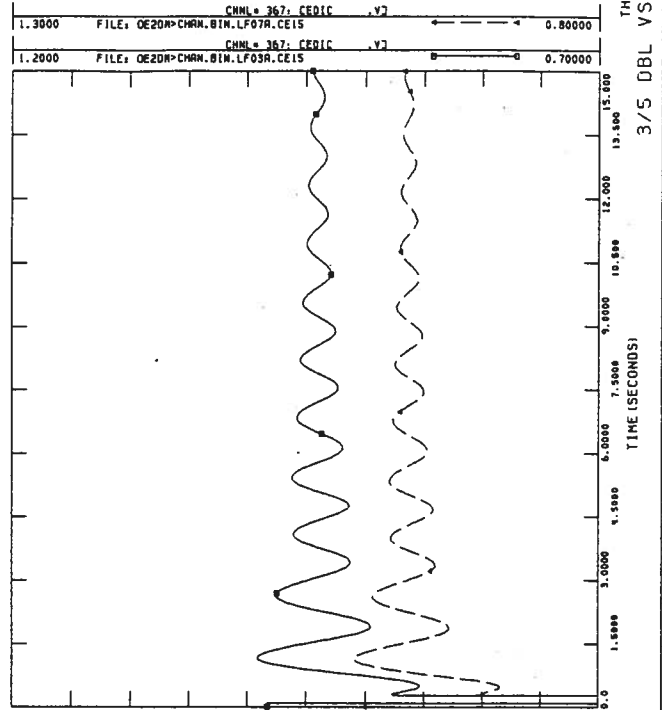
The upper curve on each plot is the case with Central East at margin and Moses South at limit, ie. Single Margin.

The lower curve in each plot is the case with Central East at margin and Moses South at margin, ie. Double Margin.

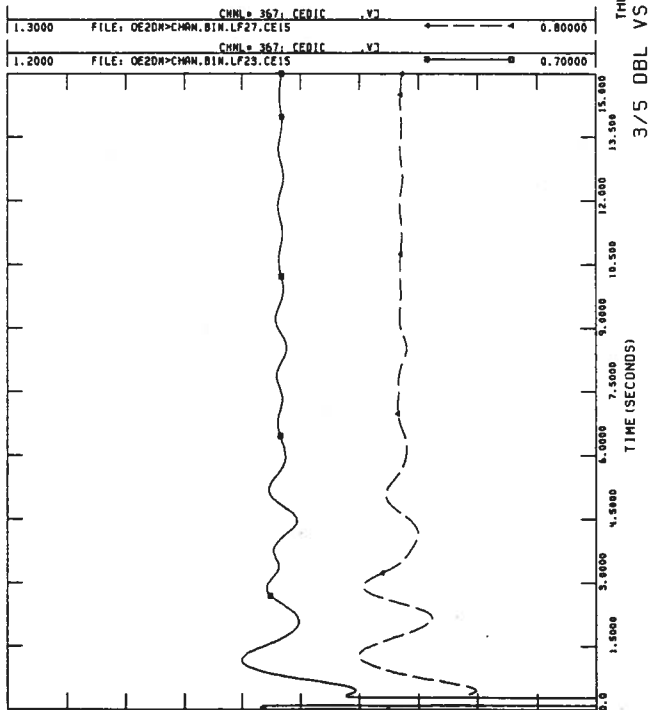
CE15 SLG/STK#MARC345/VOLNEY-MARCY VU-19/STK#MARC345
TFR 13 :CE3144 TE5460 MS2160 OSM CMPLX 3/5(2565) 1-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



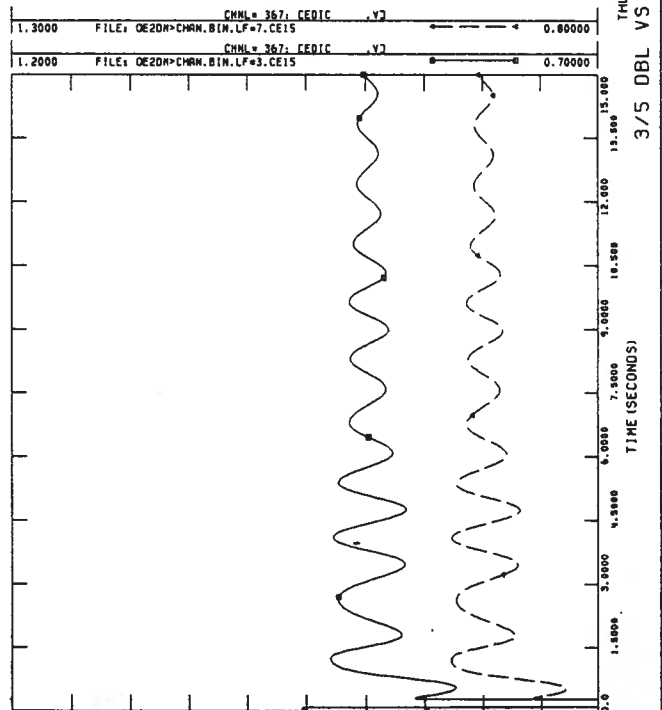
CE15 SLG/STK#MARC345/VOLNEY-MARCY VU-19/STK#MARC345
TFR 03A :CE3125 TE5438 MS2097 OSM CMPLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



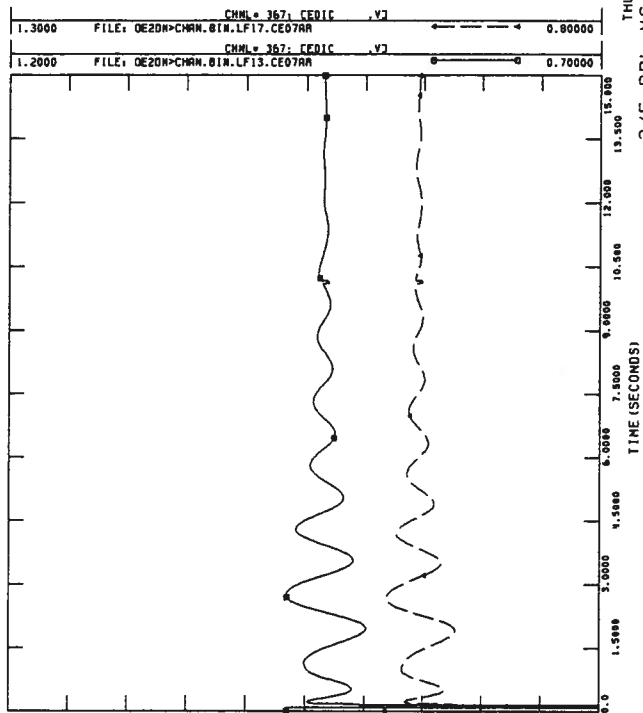
CE15 SLG/STK#MARC345/VOLNEY-MARCY VU-19/STK#MARC345
TFR 23 :CE3117 TE5131 MS2922 OSM CMPLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



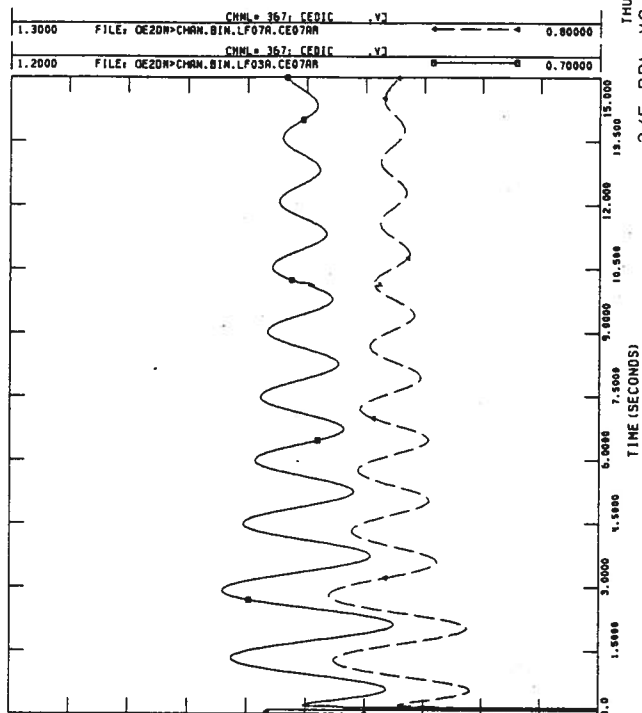
CE15 SLG/STK#MARC345/VOLNEY-MARCY VU-19/STK#MARC345
TFR #3 :CE3100 TE5584 MS1798 OSM CMPLX 3/5(2565) 2-POLE HB
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



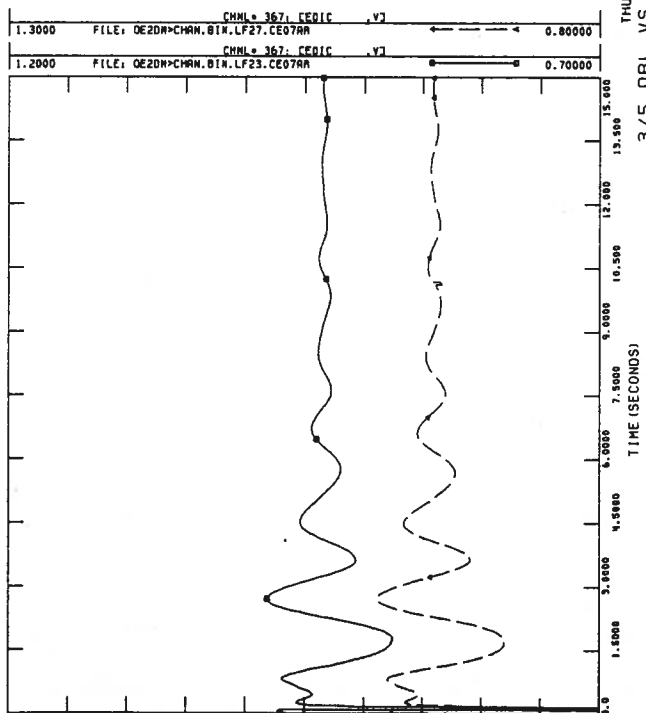
CE07AR LLG:MARCY/EDIC:MARCY-COOPERS/EDIC-FRASER W/O ACL*EDI
TFR 13 :CE3144 TES460 MS2160 DSM CNPLX 3/5(2565) 1-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



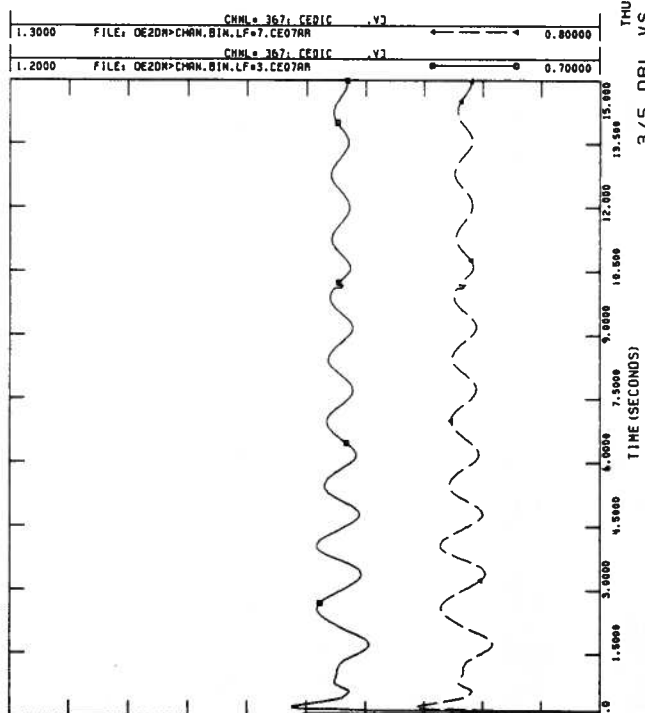
CE07AR LLG:MARCY/EDIC:MARCY-COOPERS/EDIC-FRASER W/O ACL*EDI
TFR 03A :CE3125 TES438 MS3007 DSM CNPLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



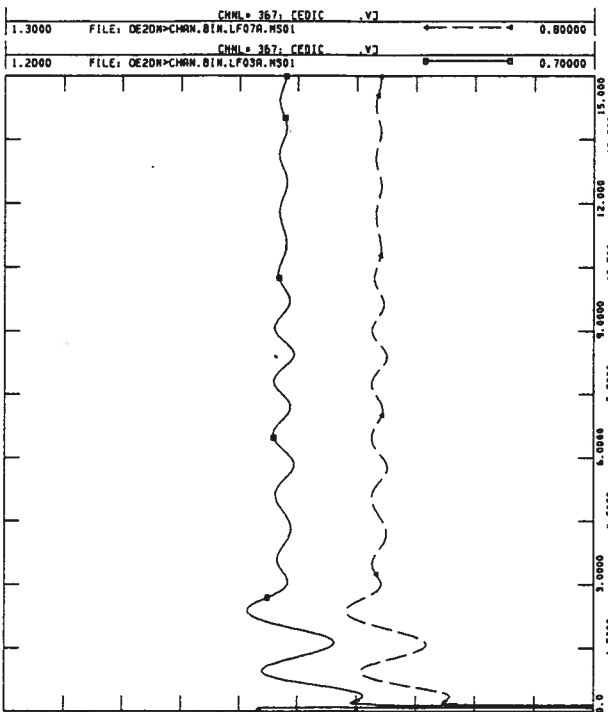
CE07 LLG:MARCY/EDIC ON MARCY-COOPERS/EDIC-FRASER D/C
TFR 23 :CE3123 TES130 MS2932 DSM CNPLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



CE07AR LLG:MARCY/EDIC:MARCY-COOPERS/EDIC-FRASER W/O ACL*EDI
TFR #3 :CE3100 TES584 MS1798 DSM CNPLX 3/5(2565) 2POLE MB
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS

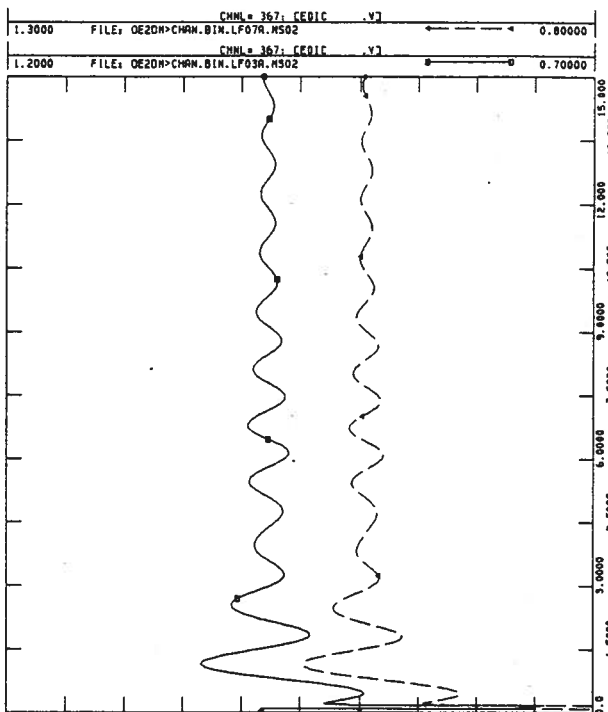


MS01 3PH-NC-MARCY 765/MASSENA-MARCY MSU-1 W/REJ
TFER 03A :CE3125 TES438 MS2007 OSM CMPLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPP HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



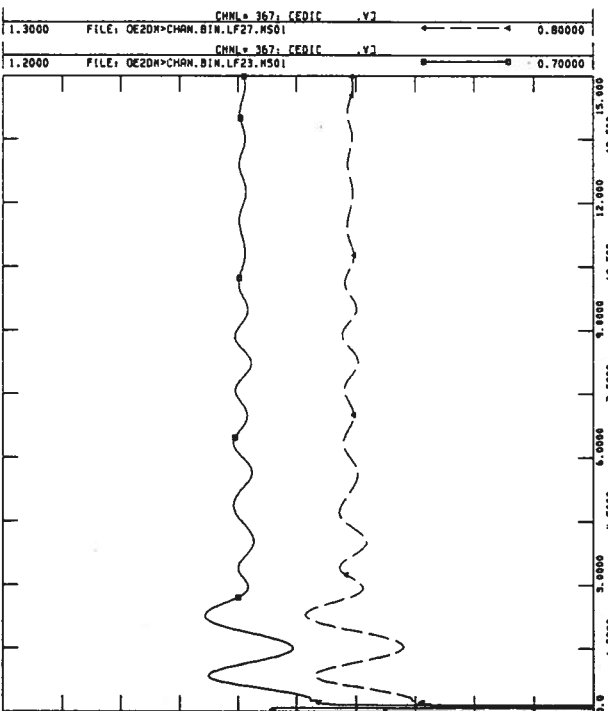
THU, OCT 6 1994 07:26

MS02 3PH-NC-MOSES 230KV/MOSES-ADIR-PORTER W/NO REJ.
TFER 03A :CE3125 TES438 MS2007 OSM CMPLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPP HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



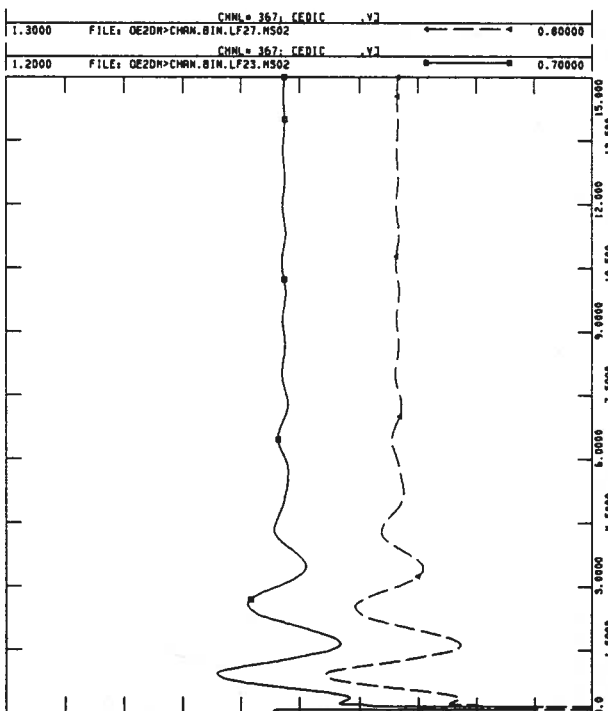
THU, OCT 6 1994 07:27

MS01 3PH-NC-MARCY 765/MASSENA-MARCY MSU-1 W/REJ
TFER 23 :CE3123 TES130 MS2932 OSM CMPLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPP HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



THU, OCT 6 1994 07:26

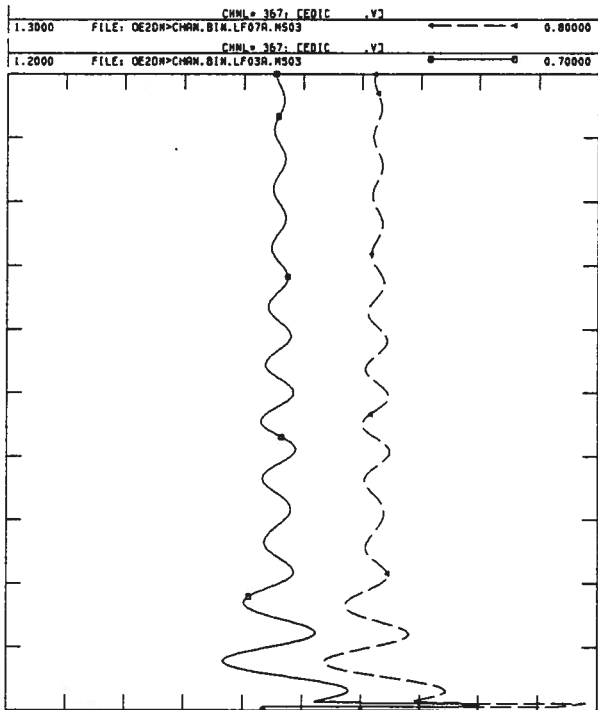
MS02 3PH-NC-MOSES 230KV/MOSES-ADIR-PORTER W/NO REJ.
TFER 23 :CE3123 TES130 MS2932 OSM CMPLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPP HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



THU, OCT 6 1994 07:27

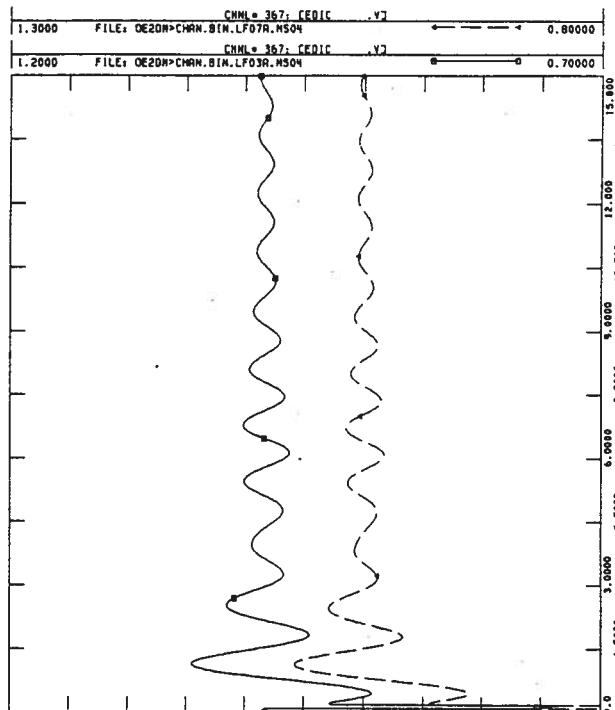
H-4

MS03 LLG#MOSES 230/MOSES-ADIR-PORTER W/4-UNIT REJ
TFER 03A :CE3125 TES438 MS2007 05W CNPLX 3/5 (2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



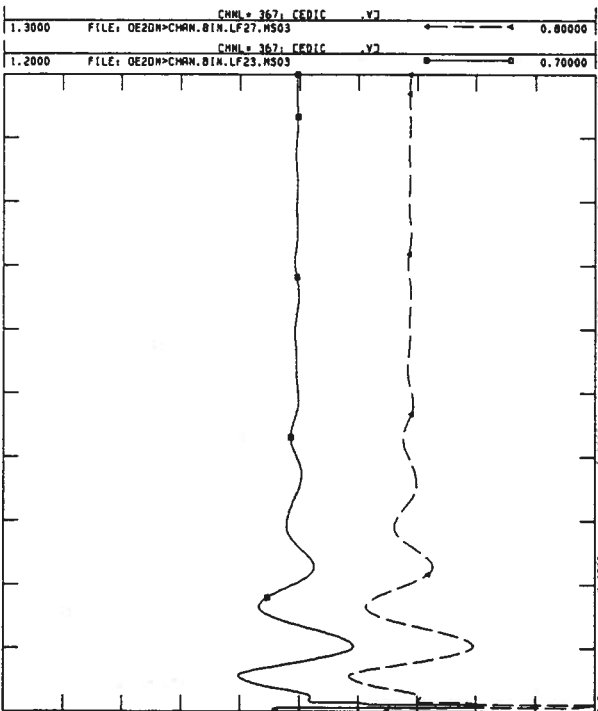
THU, OCT 6 1994 07:27
3/5 DBL VS SINGLE MARGIN

MS04 3PH-NC#MOSES 230/MASSENA-MOSES 765/230 MMS-1
TFER 03A :CE3125 TES438 MS2007 05W CNPLX 3/5 (2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



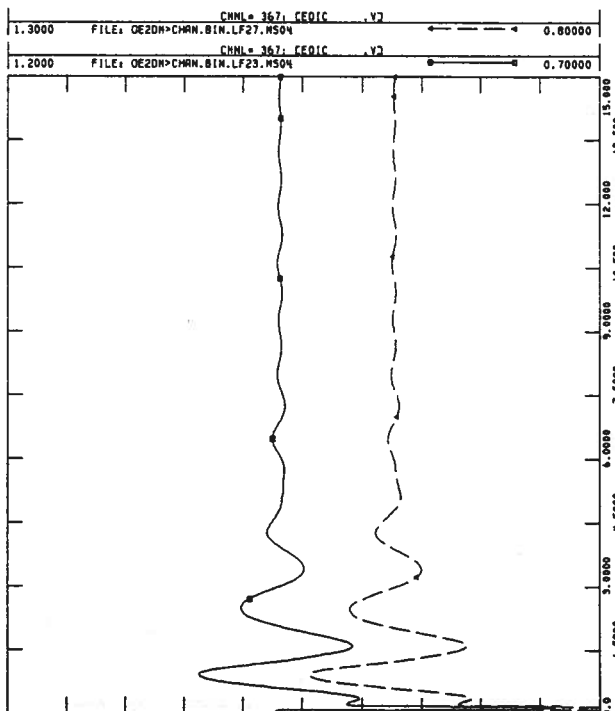
THU, OCT 6 1994 07:28
3/5 DBL VS SINGLE MARGIN

MS03 LLG#MOSES 230/MOSES-ADIR-PORTER W/4-UNIT REJ
TFER 23 :CE3123 TES130 MS2932 05W CNPLX 3/5 (2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



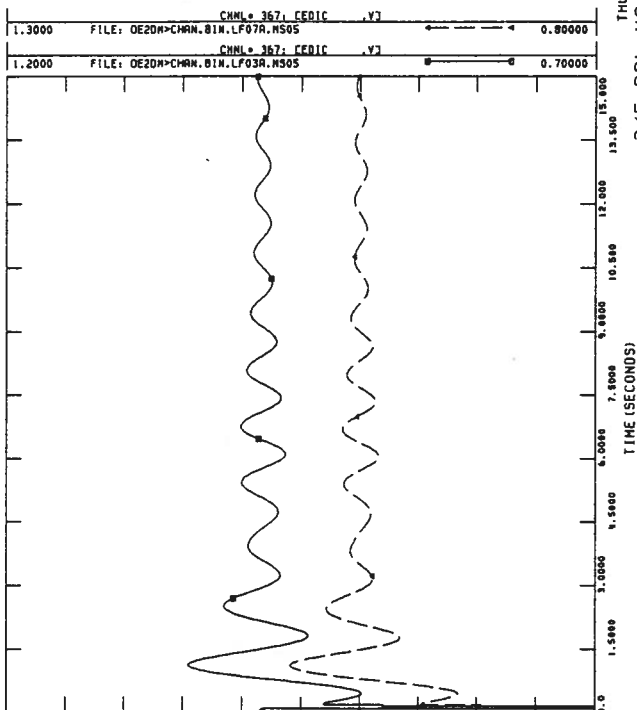
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3/5 DBL VS SINGLE MARGIN

MS04 3PH-NC#MOSES 230/MASSENA-MOSES 765/230 MMS-1
TFER 23 :CE3123 TES130 MS2932 05W CNPLX 3/5 (2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS

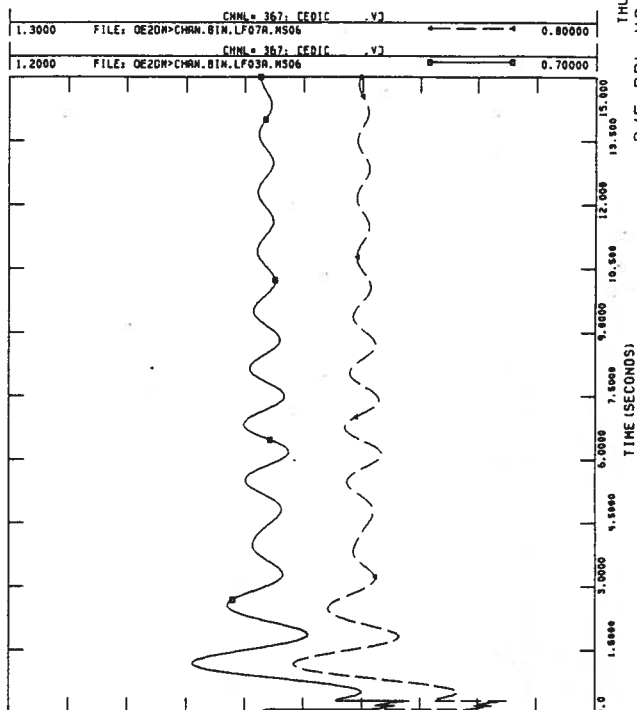


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3/5 DBL VS SINGLE MARGIN

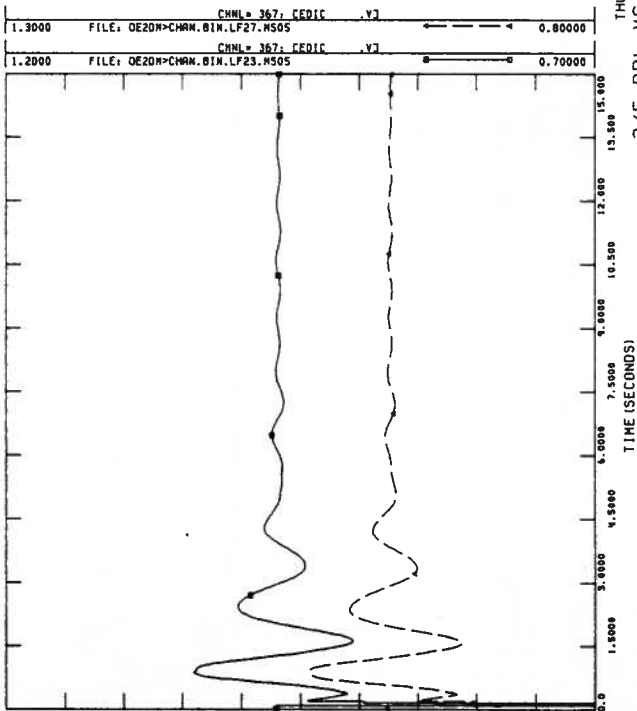
MS05 3PH-NC-MASSENA 765/MASSENA-MOSES 765/230 MMS-1
TFR 03A :CE3125 TE5438 MS2007 05W CMLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



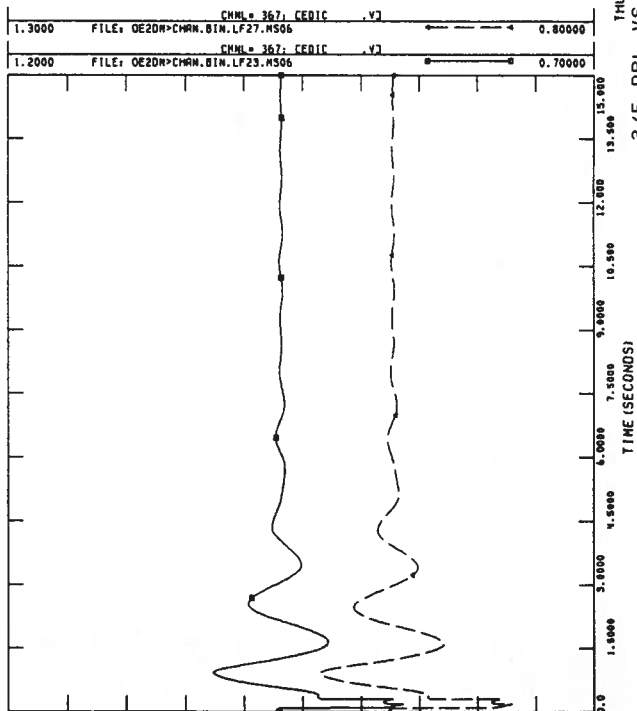
MS06 SLG-STK-MOSES/MASSENA-MOSES MMS-2 W/NO REJ
TFR 03A :CE3125 TE5438 MS2007 05W CMLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



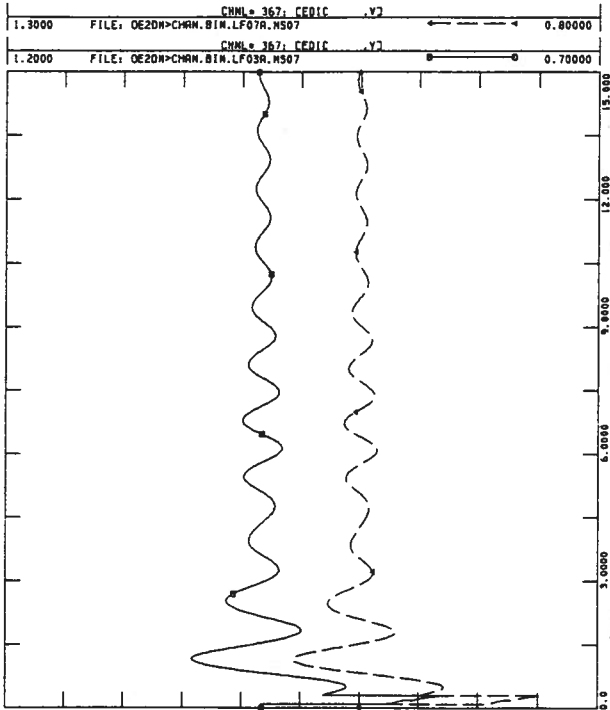
MS05 3PH-NC-MASSENA 765/MASSENA-MOSES 765/230 MMS-1
TFR 23 :CE3123 TE5130 MS2932 05W CMLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



MS06 SLG-STK-MOSES/MASSENA-MOSES MMS-2 W/NO REJ
TFR 23 :CE3123 TE5130 MS2932 05W CMLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS

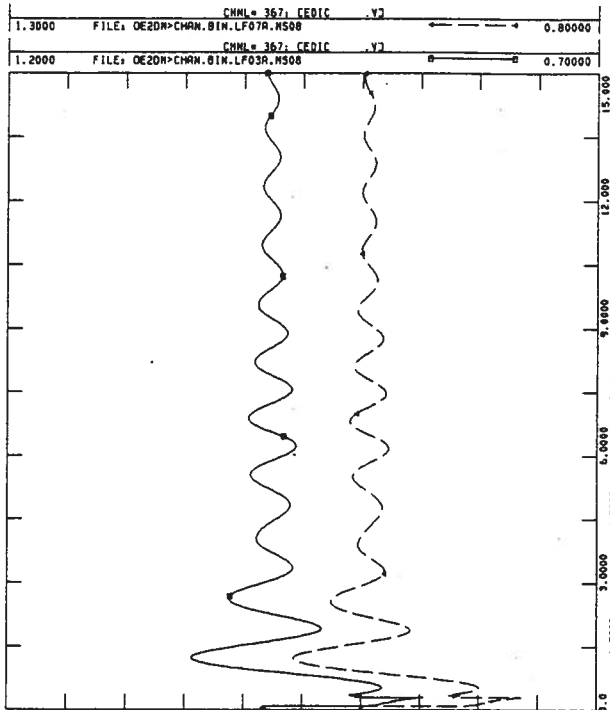


MS07 SLG-STK#MASSENA765/MASSENA-MOSES 765/230 MMS-1
TFER 03A :CE3125 TES438 MS2007 DSM CMLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



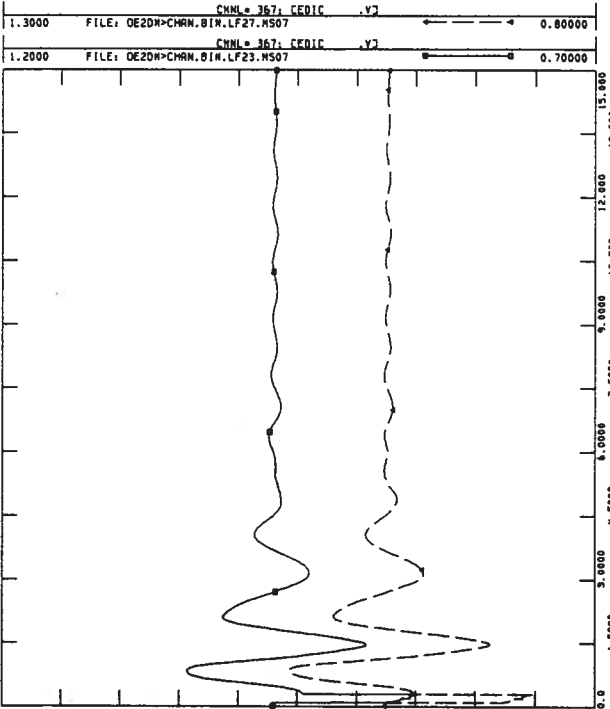
THU, OCT 6 1994 07:30
3/5 DBL VS SINGLE MARGIN

MS08 SLG-STK#MOSES /MOSES-ADIR.-PORTER 230 W/NO REJ
TFER 03A :CE3125 TES438 MS2007 DSM CMLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



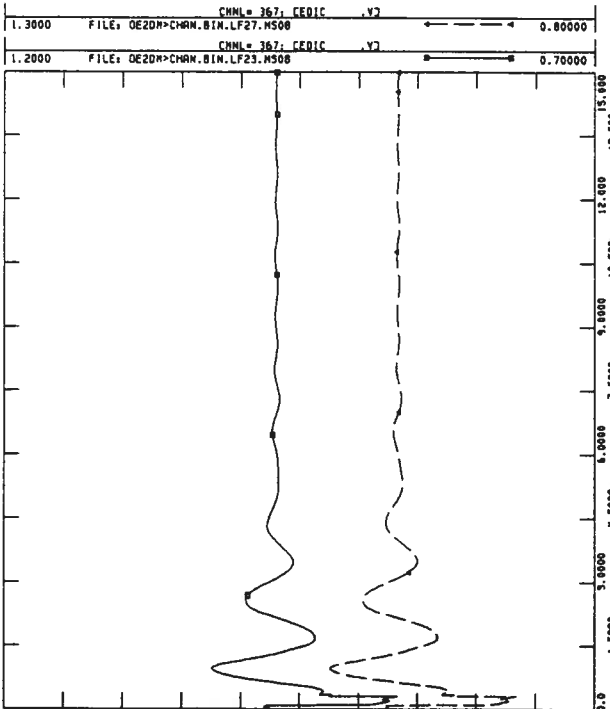
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3/5 DBL VS SINGLE MARGIN

MS07 SLG-STK#MASSENA765/MASSENA-MOSES 765/230 MMS-1
TFER 23 :CE3123 TES130 MS2932 DSM CMLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



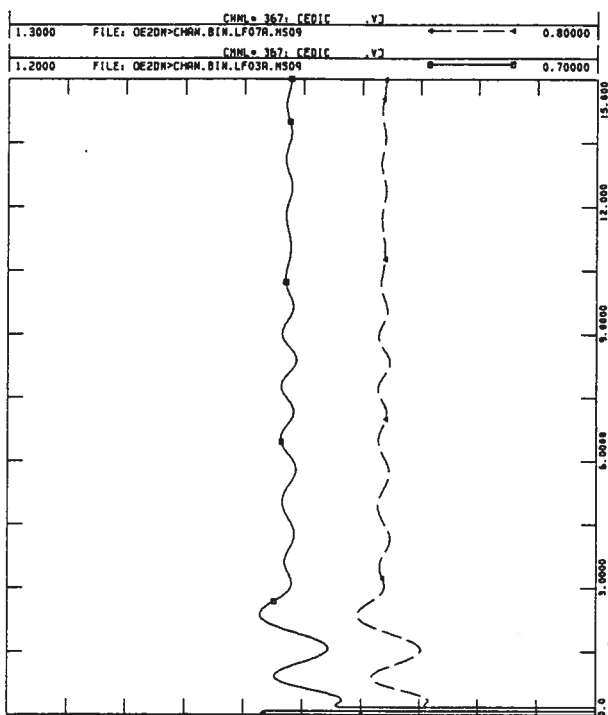
THU, OCT 6 1994 07:29
3/5 DBL VS SINGLE MARGIN

MS08 SLG-STK#MOSES /MOSES-ADIR.-PORTER 230 W/NO REJ
TFER 23 :CE3117 TES131 MS2922 DSM CMLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



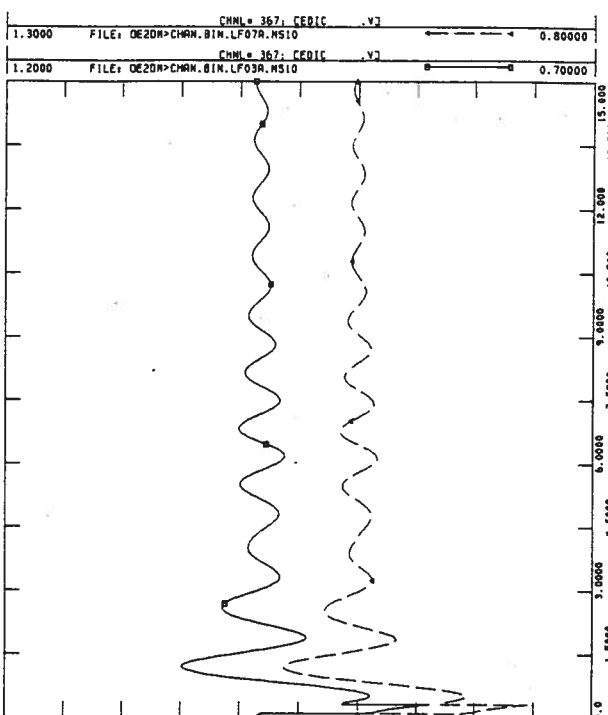
THU, OCT 6 1994 07:30
3/5 DBL VS SINGLE MARGIN

MS09 3PH-NCOMASSENA 765/MASSENA-MARCY MSU-1 W/REJ
TFER 03A :CE3125 TES438 MS2007 DSM CMPLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



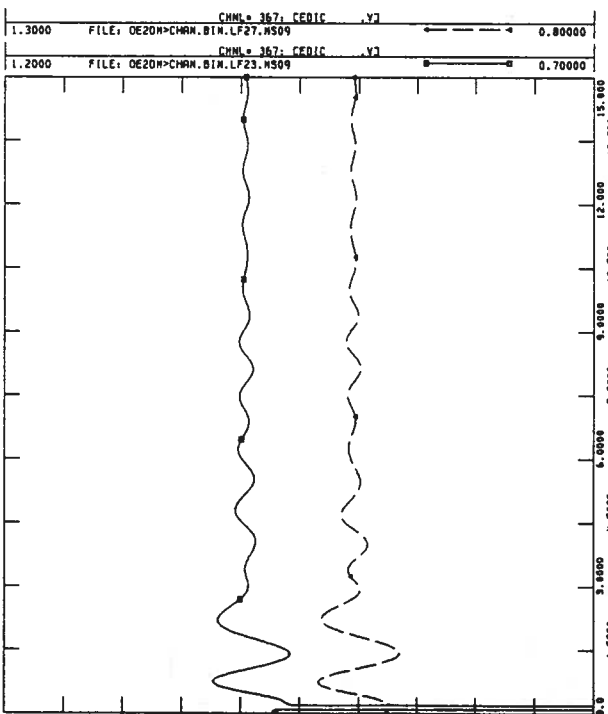
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3/5 DBL VS SINGLE MARGIN

MS10 SLG-STK#MOSES /MOSES-WILLIS-PLATT 230
TFER 03A :CE3125 TES438 MS2007 DSM CMPLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



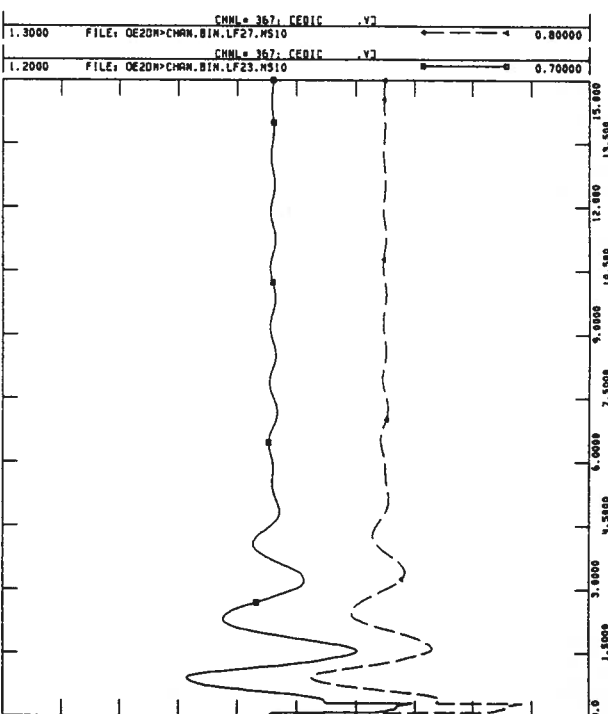
THU, OCT 6 1994 07:31
3/5 DBL VS SINGLE MARGIN

MS09 3PH-NCOMASSENA 765/MASSENA-MARCY MSU-1 W/REJ
TFER 23 :CE3123 TES130 MS2932 DSM CMPLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



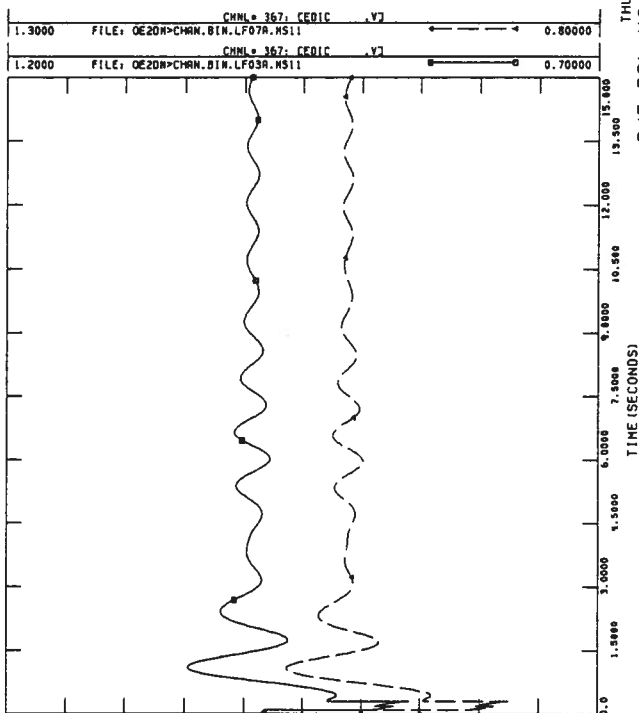
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3/5 DBL VS SINGLE MARGIN

MS10 SLG-STK#MOSES /MOSES-WILLIS-PLATT 230
TFER 23 :CE3123 TES130 MS2932 DSM CMPLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS

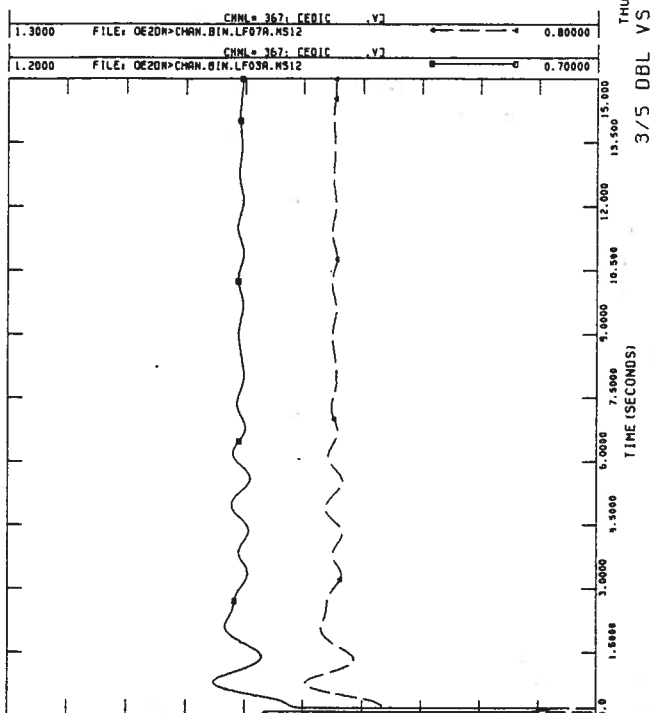


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3/5 DBL VS SINGLE MARGIN

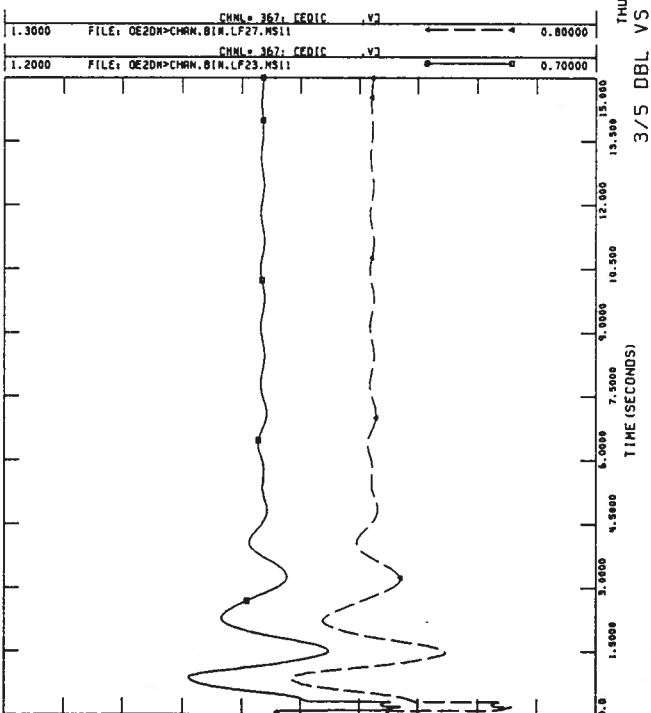
MS11 SLG-STK#MOSES 230/MASSENA-MOSES 230-MMS-2 W/8REJ
TFR 03R :CE3125 TES438 MS2007 DSM CMLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



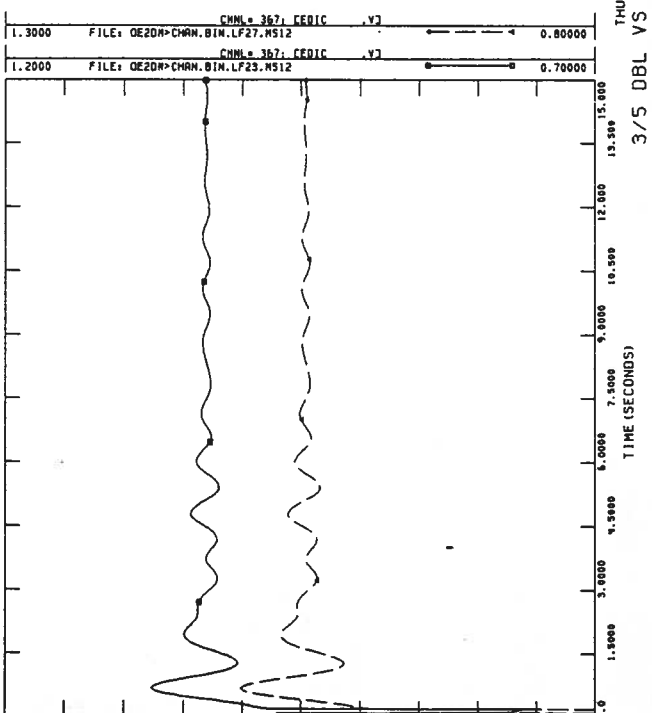
MS12 3PH-NC#CHATEAUGUARY 765KV/CHATEAUGUARY-MASSENA-MSC-704
TFR 03R :CE3125 TES438 MS2007 DSM CMLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



MS11 SLG-STK#MOSES 230/MASSENA-MOSES 230-MMS-2 W/8REJ
TFR 23 :CE3123 TES130 MS2932 DSM CMLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS

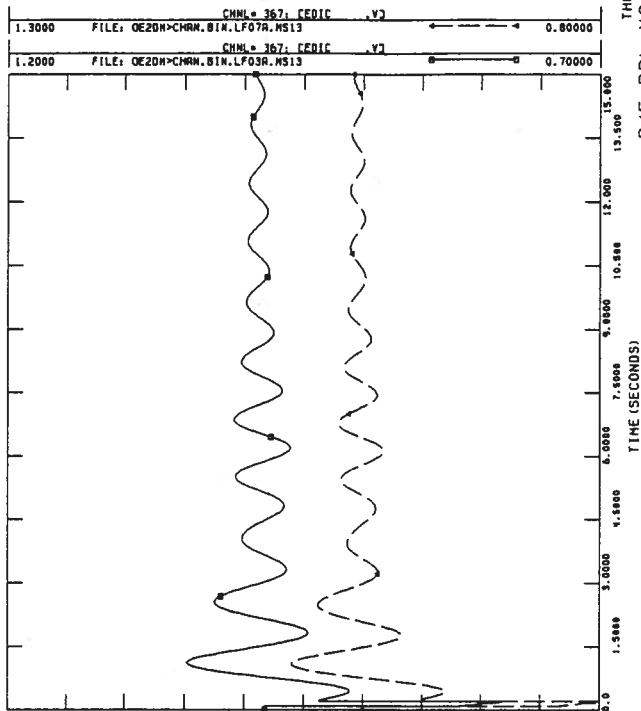


MS12 3PH-NC#CHATEAUGUARY 765KV/CHATEAUGUARY-MASSENA-MSC-704
TFR 23 :CE3123 TES130 MS2932 DSM CMLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS

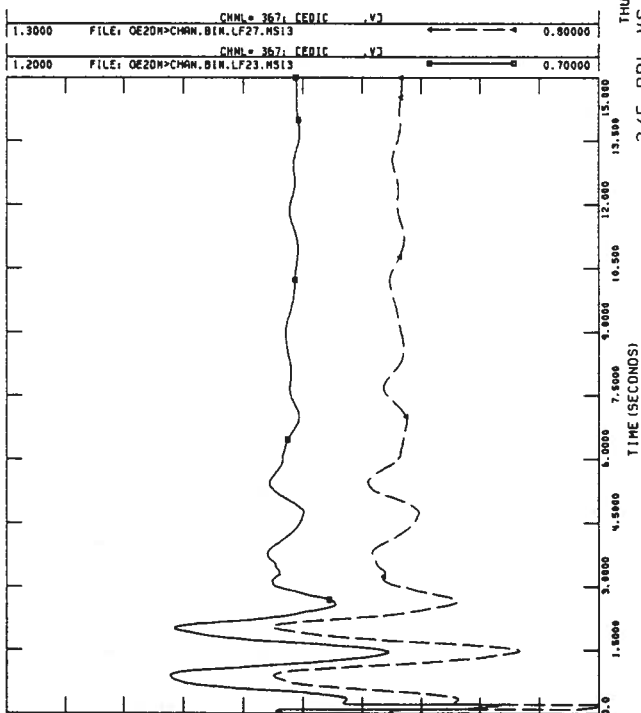




MS13 LLG@MOSES /MOSES-MASSENA 230
TFER 03A :CE3125 TES438 MS2007 OSM CMPLX 3/5 (2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS

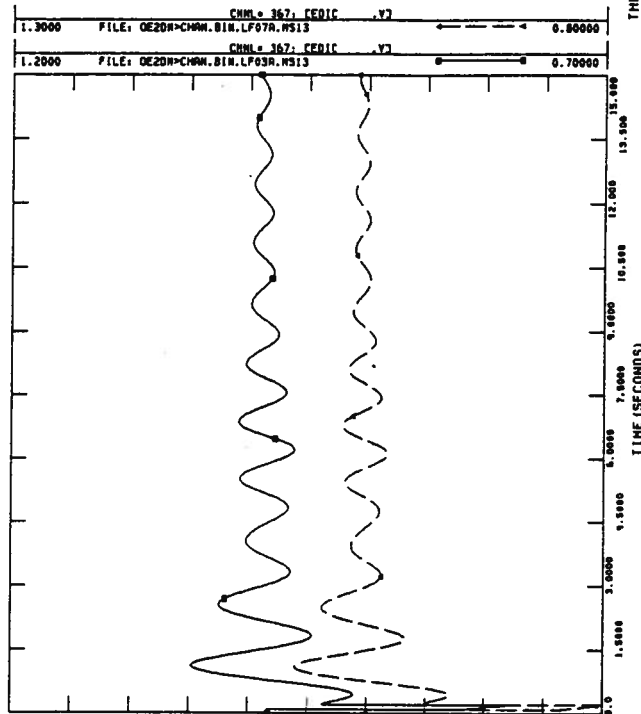


MS13 LLG@MOSES /MOSES-MASSENA 230
TFER 23 :CE3123 TES130 MS2932 OSM CMPLX 3/5 (2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS

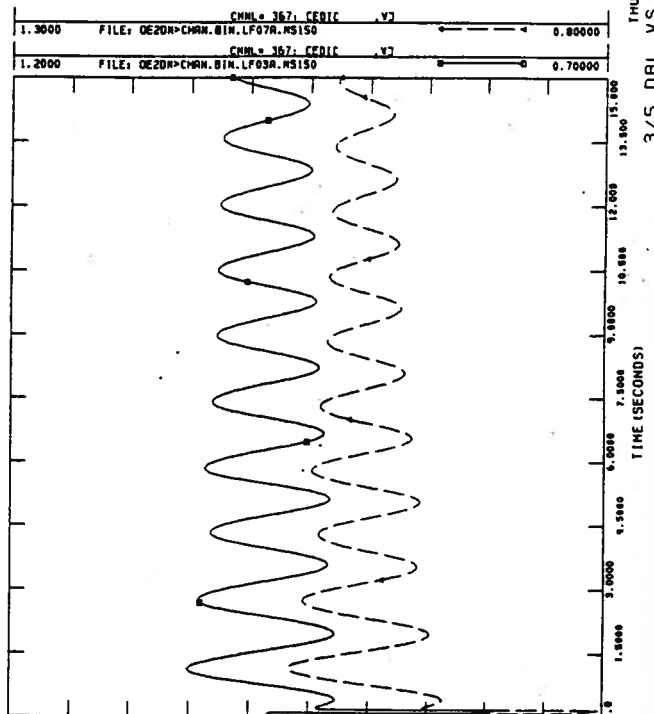




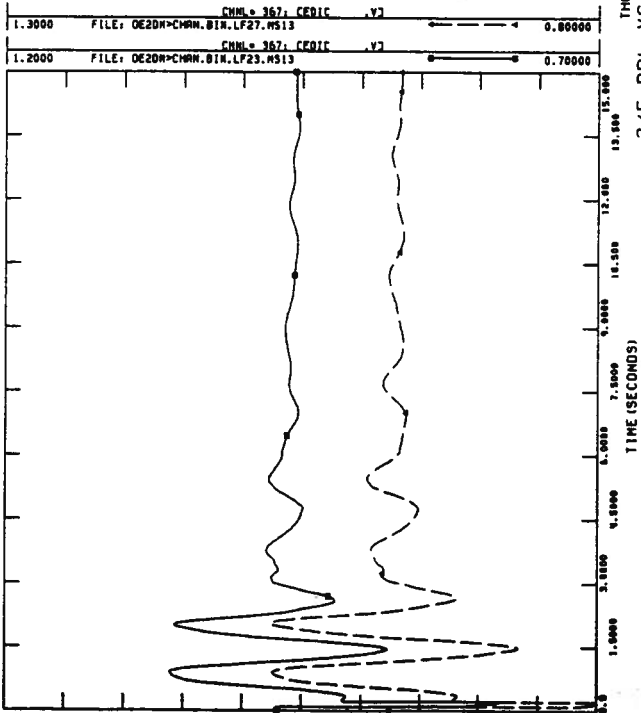
MS13 LLG#MOSES /MOSES-MASSENA 230
TFR 03A :CE3125 TES438 MS2007 05M CMPLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



MS150 LLG#MOSES 230/MOSES-ST.LAWRENCE L33/34P
TFR 03A :CE3125 TES438 MS2007 05M CMPLX 3/5(2599) 0-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



MS13 LLG#MOSES /MOSES-MASSENA 230
TFR 23 :CE3123 TES130 MS2932 05M CMPLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS



MS150 LLG#MOSES 230/MOSES-ST.LAWRENCE L33/34P
TFR 23 :CE3123 TES130 MS2932 05M CMPLX 3/5(2565) 2-POLE
1994/95 NYPP TS LIMIT STUDY - NEW MACHINE PARAMETERS
NYPA HYDRO UNITS - ONLY TESTED UNITS USE FIELD TEST MODELS

