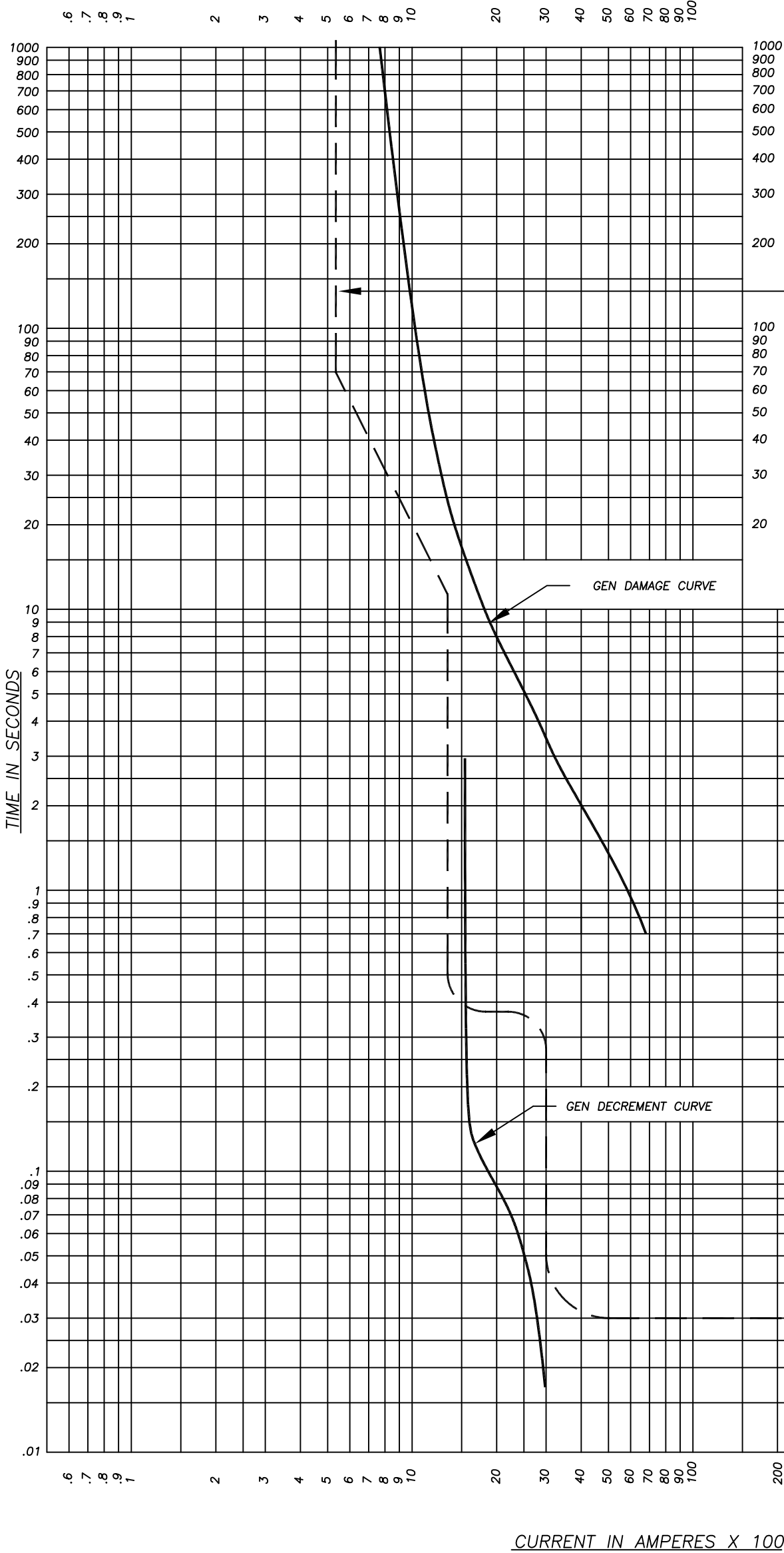


CURRENT IN AMPERES X 100

'ACTUAL TESTED CURVE'



NEW SHIP SERVICE GENERATOR PARTICULARS:  
460V 3Ø 60HZ  
320KW, 0.8PF, 502A,  
10% OVERLOAD 2/12 HOURS

EXISTING GEN. BREAKERS  
ITE K-600 ELECTRIC OPERATED  
C/W WESTINGHOUSE DIGITRIP RMS/R500  
SENSING:  $I_n = 600A$   
SETTING:  $I_r = 0.9$  ( $0.9 \times I_n = 540A$ )  
 $t_r = 2$   
 $I_{sd} = 2$  ( $2 \times I_r = 1080A$ )  
 $t_{sd} = 0.4 I^2t$  OFF  
 $I_i = 5$  ( $5 \times I_n = 3000A$ )

$I_r$  - LONG TIME SETTING  
 $t_r$  - LONG TIME TIME DELAY  
 $I_{sd}$  - SHORT TIME PICK-UP  
 $t_{sd}$  - SHORT TIME TIME DELAY  
 $I_i$  - INSTANTANEOUS PICK-UP

CURRENT IN AMPERES X 100

A	REVISED AS TESTED	08/21/03	JS
REV	DESCRIPTION	DATE	BY



CANAL MARINE  
A Div. Of C.S.& E. Ltd.  
ST. CATHARINES, ONT.,  
CANADA

JOB	CCGS GRIFFON - VLE PROJECT GENERATOR CIRCUIT BREAKERS TRIPPING CURVE
CUSTOMER	PWDD

PROJECT No 03-71-0521	DATE APR 03
DRAWN F.S.	APPR.
DWG. No 521-822-001A	
SHEET 1	OF 2