

S.V.

C.V. 901 903

D.V. 902,904

DATE PRINTED: 5/12/82

CG 32, CODE RT-698-D PKG ---

PROCESSES APPROVED BY
() RT-698-D (M) EWK2/25/82

JUL 1 1982 G2H33

(DATE) (LOT NUMBER)

EST. WT. ~~2758~~ LBS.TYPED BY: KIW
STANDARD HRS. _____

TIME _____ M

PREPARATION NOTES: _____

NON-BLEEDING

EQUIP MENT	NAME: WATCHUNG RED B	USE LBS	N-CODE	ACCT LBS
PREP 1	1 RECORD: _____ BATCHES SINCE SPARKLER LAST CLEANED. AFTER 4 BATCHES, CLEAN, DRESS SPARKLER & PRECOAT WITH 15% DICALITE FILTER AID	15	777-A	15
	2 OBTAIN FOR S11 2-CHLORO-4-AMINOTOLUENE-5- SULFONIC ACID		740-C	
	3 OBTAIN FOR S41 3-HYDROXY-2-NAPHTHOIC ACID		82-C	
	4 INSTALL DV & CV RECORDER & CONTROLLER CHART NOTE: RUN 15" WATER INTO V-904. PUMP WATER FROM V-904 THRU DISTRIBUTOR. IF WATER DOES NOT COME OUT OF ALL DISTRIBUTOR HOLES WITH FULL FORCE, NOTIFY SUPERVISOR			
921 2	5 RUN 20" (415G) WATER INTO V-921 & HEAT TO 80-100 DEG F			
	6 ADD IN 8-9 MIN DRESINATE X X	400	99-A	400
	7 STIR 5 MIN & RECORD: PH <u>10.3</u> (9.5-10.5)			
	8 STIR 20 MIN OR LONGER TO DISSOLVE FOR S44			
	NOTE: NOTIFY PRESS ROOM BEFORE ROPING OFF AREA UNDER V-922			
922 3	9 RUN 38" (782G) WATER INTO V-922			
	10 WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN M <u>10</u> , <u>49.55</u> %	444	7-D 740-C	220 1127
	11 TURN ON AGITATOR & STEAM & DUMP IN FROM S2 LOT #100% %			
	2-CHLORO - <u>284</u> - <u>641</u> - <u>98.57</u>	650		
	4-AMINOTOLUENE - <u>282</u> - <u>486</u> - <u>98.62</u>	493		
	5-SULFONIC ACID			
	12 DUMP IN ACTIVATED CARBON	25	113-B	25
	13 DUMP IN FILTER AID	10	777-A	10
	14 HEAT TO 212-214 DEG F WATCH FOAM!!!!			
	15 RECORD: BY <u>+</u> (+) IF NECESSARY ADJ TO +BY SODIUM HYDROXIDE ASSUME 50%		7-D	
	16 STIR 30 MIN AT 212-214 DEG F, THEN SHUT OFF STEAM. WATCH FOAM. RECORD: SPARKLER PRES- SURE <u>0</u> PSI IF NOT ZERO NOTIFY SUPVR.			
	17 CIRCULATE 15 MIN OR LONGER THRU SPARKLER UNTIL SOL'N IS CLEAR. MAINTAIN AT 190-195 F FOR S19. RECORD: START <u>600</u> PWTOTAL MIN. <u>90</u> CLARITY <u>No Good</u> DHT <u>192</u> F & REC <u>190</u> F			

SEE NOTE

N32893

U-901

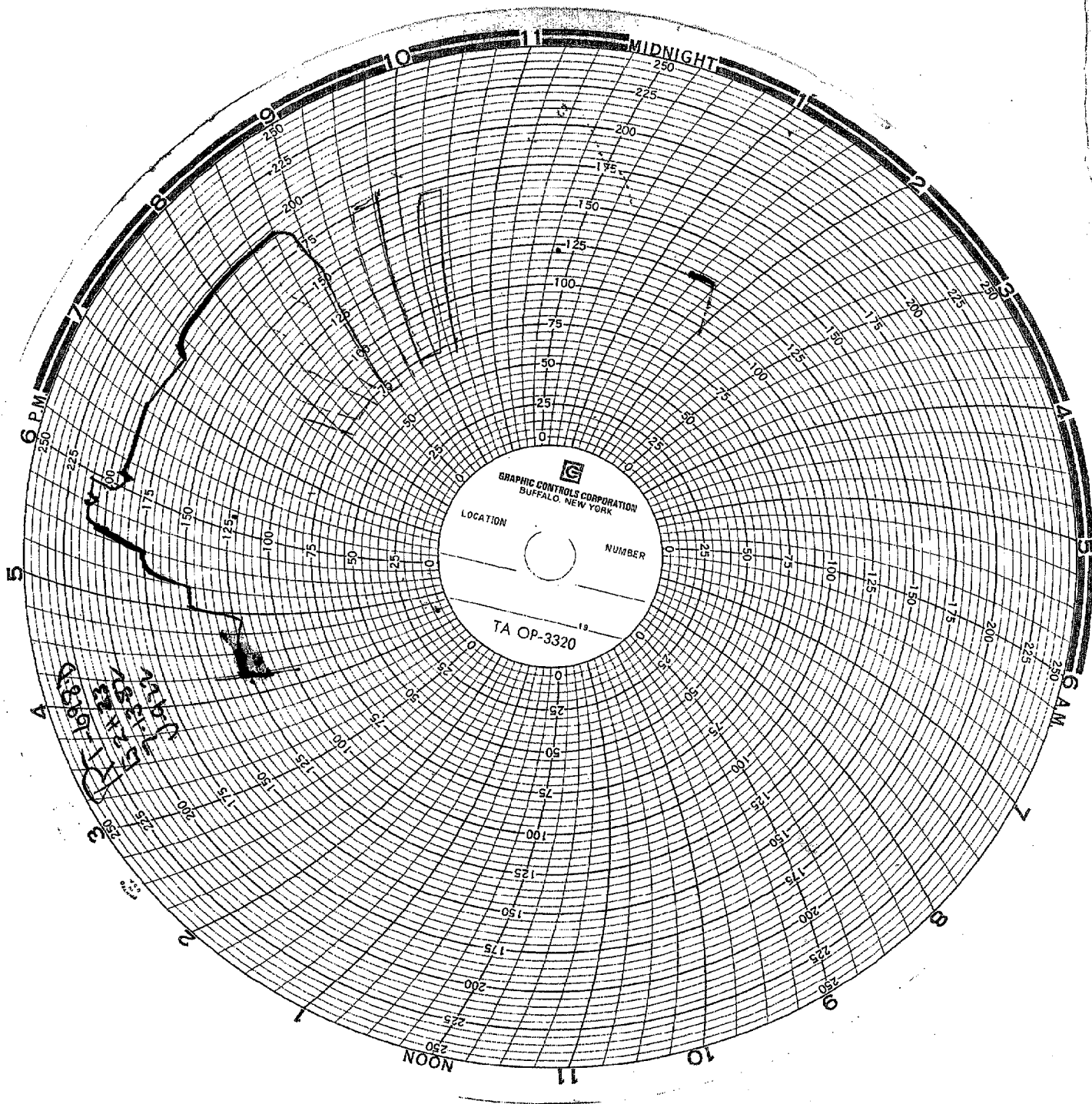
EQ-IP MENT		PAGE 2 OF 3 CG 32 CODE RT-698-D (M)	USE LBS	N-CODE	ACCT LBS
902	18	RUN 2" (58G) WATER INTO V-902			
4	19	WHEN S17 COMPLETE, PUMP IN V-922 THRU SPARKLER, MAINTAIN V-922 AT 190-195 DEG F RECORD: START <u>1:50 P.M.</u> TOTAL MIN <u>15</u>			
902	20	RUN 54" (1407G) WATER INTO V-902			
5	21	PUMP IN CALCIUM HYDROXIDE & STIR TO SMOOTH SLURRY	530	542-D	530
	22	WEIGH SODIUM HYDROXIDE IN V-926 & RUN IN AND HOLD FOR S41			
		M. <u>10</u> % <u>49.55</u> %	335	7-D	166
MISC	23	MEASURE <u>67</u> LITS IN V-928 FOR S35			
	24	HYDROCHLORIC ACID M. <u>1</u> % <u>29.89</u> %	1820	28-D	544
	25	WEIGH SODIUM NITRITE IN PT FOR S38 M. <u>9</u> % <u>3336</u> %	1100	725-A	367
922	26	WHEN S19 COMPLETE, STOP PUMP & INSERT V-922 FOOT PLUG			
7	27	RUN IN 15" (309G) WATER & HEAT TO 190-195 F CIRCULATE 15 MIN THRU SPARKLER			
	28	PUMP V-922 THRU SPARKLER INTO V-902 /CV			
922	29	RUN IN 9" (177G) WATER INTO V-922 AND HEAT TO 190-195 F. CIRCULATE 15 MIN THRU SPARKLER			
904/CV	30	PUMP V-922 THRU SPARKLER INTO V-902 /CV			
10	31	WHEN MTY BLOW OUT SPARKLER INTO V-902 /CV			
	32	POUR IN IGEPAI CO-630	47	979-D	47
	33	HEAT TO 165-170 DEG F FOR S34			
CV		NOTE: IF N-740-C SOL'N WAS PUMPED DIRECTLY FROM SPARKLER TO CV, OMIT STEPS 33 & 34.			
11	33	RUN IN 1" (95G) WATER INTO V-901			
	34	WHEN S32 COMPLETE, PUMP V-904 AT 165-170 F THRU UNDERSURFACE DISTRIBUTOR INTO CV AFAP (12-15 MIN). MAINTAIN 165-170 DEG F IN CV RECORD: START <u>4:25 P.M.</u> TOTAL MIN <u>50</u>			
	35	RUN IN HYDROCHLORIC ACID N-28-D FROM S23 IN 12-15 MIN			
	36	STIR 15 MIN AT 165-170 DEG F.			
	37	ADJ TO 48" (4536G) AT 32-38 DEG F RECORD: TEMP <u>30</u> F, VOLUME <u>50</u>	54X330	57-A	19800
	38	RUN IN SODIUM NITRITE N-725-A FROM S24 AFAP (5-10 MIN) & RINSE IN PT			
	39	STIR 30 MIN AT 32-38 DEG F MAINTAINING +DR, +KI FOR S40 RECORD: TIME START <u>4:25 P.M.</u> CR <u>+</u> (+) KI <u>+</u> (+) NOTE: (1) IF CR-, KI- ADD 20% "AS IS" INCREMENTS HYDROCHLORIC ACID RECORD: CR <u>+</u> (+) KI <u>+</u> (+) ASSUME 32% (2) IF CR+, KI- ADD 20% "AS IS" INCREMENTS SODIUM NITRITE RECORD: CR <u>+</u> (+) KI <u>+</u> (+) ASSUME 33% DUMP IN FROM S3 & STIR 10 MIN 3-HYDROXY-2-NAFHTHOIC ACID <u>1021</u>			
			1021	28-D	
				725-A	
				82-C	1021

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EQUIP MENT		PAGE 3 OF 3 CG 32 CODE RT-698-D (M)	USE LBS	N-CODE	ACCT LBS
902 12	41	DUMP IN AMMONIUM CHLORIDE	221	165-A	221
CV 13	42	IMMEDIATELY AFTER S41 COMPLETE, WITH V-902 AGITATOR ON PUMP V-902 THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 18-22 MIN. LET TEMP. RISE FREELY. RECORD: START <u>5:00 PM</u> TOTAL MIN <u>21</u>			
	42	STIR 15 MIN & RECORD: PH <u>9.6</u> (9.0-9.8) TEMP <u>60</u> DEG F (40-50 DEG F) AND IF PH IS BELOW 9.0 ADJ TO PH 9.0-9.8 SODIUM HYDROXIDE ASSUME 50% & RECORD PH DIAZO <u>-</u> (-) ASSUME 32% BASE <u>+</u> (+) HYDROCHLORIC ACID		7-D 28-D	
U921	43	STEAM EJECT V-902 FROM S8 INTO CV			
	45	POUR IN 1 OCTANOL	30	588-A	30
	46	HEAT TO 173-175 DEG F IN 55-65 MIN AND RECORD: HT <u>175</u> DEG F & REC <u>175</u> DEG F			
902 14	47	DURING S46 HEATING, RUN 10" (268G) WATER INTO V-902			
	48	TURN ON AGITATOR & STEAM & DUMP IN BARIUM CHLORIDE	259	16-B	259
	49	HEAT TO 155-160 DEG F & STIR TO DISSOLVE			
CV 15	50	WHEN S46 COMPLETE, STRIKE V-902 AT 155-160F THRU UNDERSURFACE DISTRIBUTOR INTO CV IN 2-3 MIN RECORD: START <u>7:18 P</u> TOTAL MIN <u>3</u>			
	51	HEAT CV TO 193-195 DEG F IN 10-15 MIN.			
	52	STIR 60 MIN AT 193-195 F. RECORD START <u>7:40 PM</u>			
	53	AFTER 20 MIN STOP STIR RECORD PH <u>8.6</u> (8.8-9.3) IF NECESSARY: ADJ TO PH 8.8-9.3 ASSUME 50% AND RECORD: PH <u>9.0</u> ASSUME 32%	80	7-D 28-D	40
	54	WHEN S52 STIR COMPLETE, FLOOD TO 180-190" (+/-18000G) AND STOP AGITATOR			
		WHEN INSTRUCTED BY PROCESSING AREA HALF WAY THRU PRESSING, DUMP IN 1 OCTANOL, STIR, 5 MIN & STOP AGITATOR. RESUME PRESSING.	10	588-A	10
		START <u>3:10 PM</u> FIN <u>11:00 PM</u> OFTR <u>381</u> <u>3:00 PM</u> <u>8:50 PM</u> <u>381</u>			

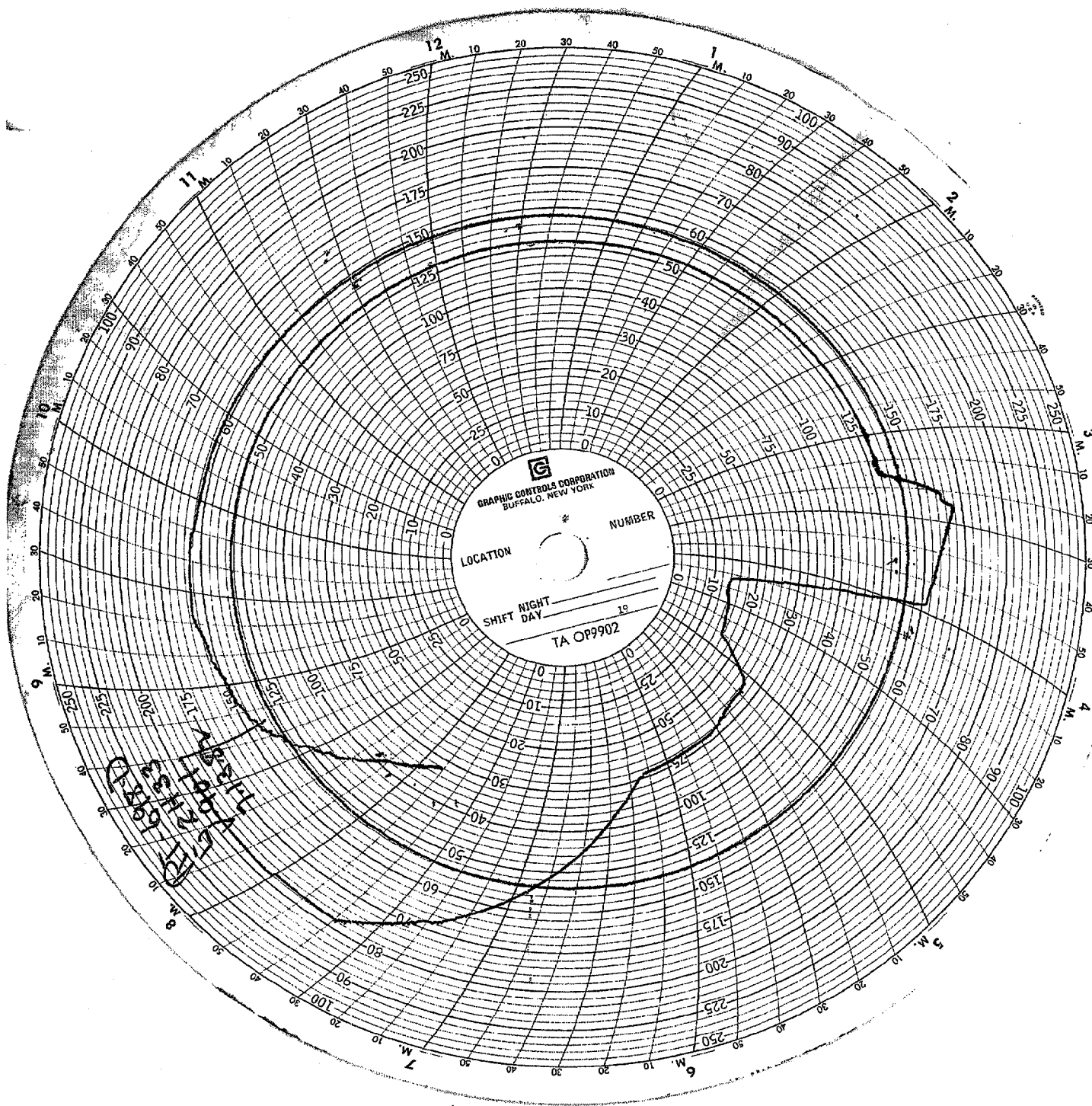
STEP 17. HAD TO TAKE SPARKLER APART WOULD NOT
CLEAR UP AFTER 40 MINS

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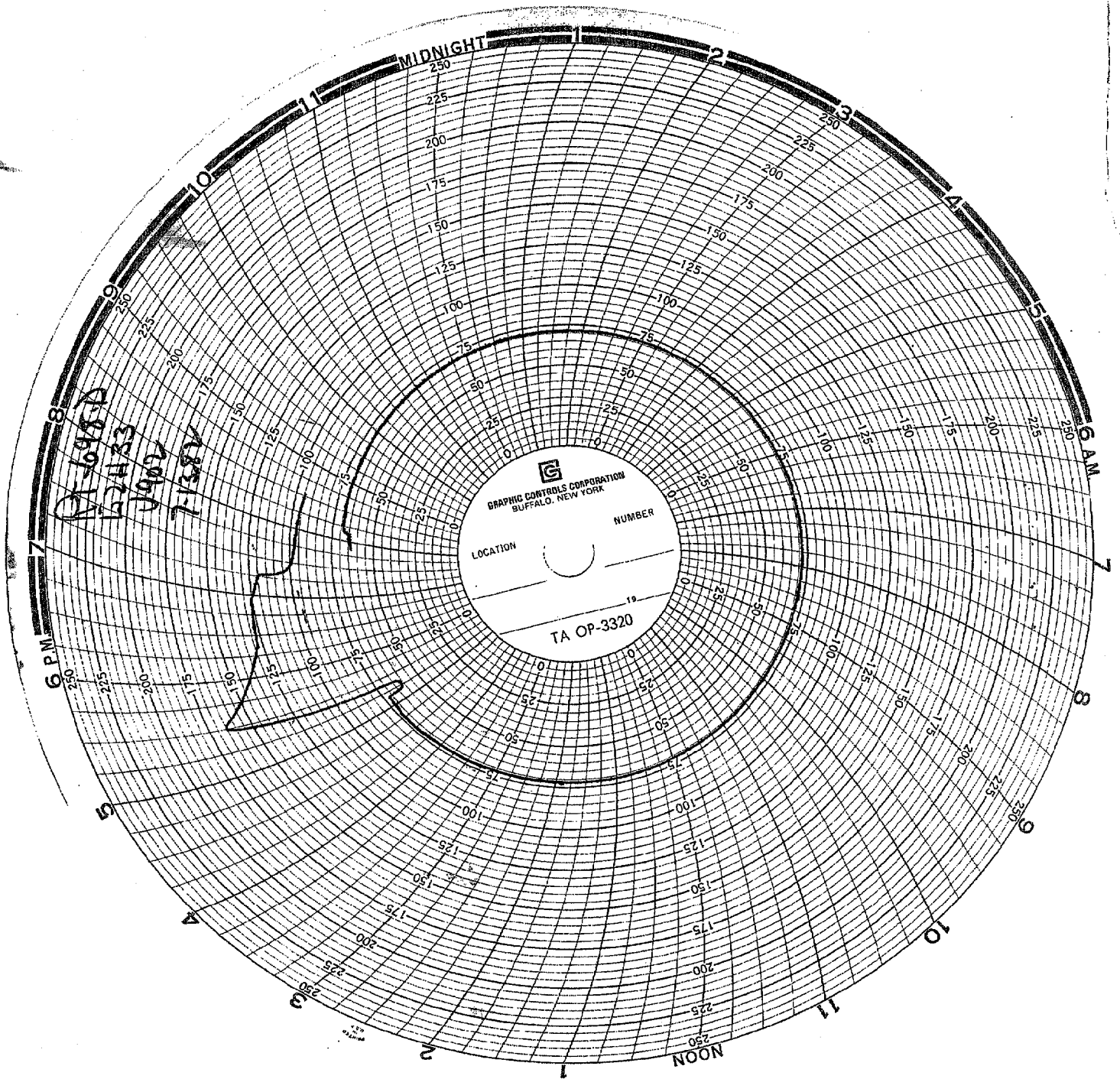
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