



IBM 10-15-1 6

IBM System/360 Assembler Coding Form

PROGRAM LORAN C						PUNCHING INSTRUCTIONS	GRAPHIC						PAGE 2 OF
PROGRAMMER SE-1				DATE	PUNCH							CARD ELECTRO NUMBER	

[illegible]



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[illegible]

STATEMENT																	Identification-Sequence									
Name		Operation		Operand													Comments									
1	9	10	14	16	20	25	30	35	40	45	50	55	60	65	71	73	75									
16	05	1975	1500		3049.856	-8048.295			573																	
16	05	1975	1520		3051.286	-8047.622			574																	
16	05	1975	1530		3051.900	-8047.055			575																	
16	05	1975	1540		3052.456	-8046.845			576																	
16	05	1975	1550		3052.835	-8046.355			577																	
16	05	1975	1600		3053.610	-8045.800			578																	
16	05	1975	1620		3054.602	-8045.000			579																	
16	05	1975	1630		3055.300	-8044.610			580																	
16	05	1975	1640		3055.952	-8044.100			581																	
16	05	1975	1650		3056.534	-8043.500			582																	
16	05	1975	1700		3057.000	-8043.054			583																	
16	05	1975	1710		3057.352	-8042.498			584																	
16	05	1975	1720		3058.200	-8042.112			585																	
16	05	1975	1726		3058.543	-8041.995			586																	
16	05	1975	1730		3058.853	-8041.552			587																	
16	05	1975	1740		3059.423	-8041.000			588																	
16	05	1975	1750		3059.900	-8040.659			589																	
16	05	1975	1800		3100.512	-8040.025			590																	
16	05	1975	1810		3101.269	-8039.822			591																	
16	05	1975	1820		3101.800	-8039.459			592																	
16	05	1975	1830		3102.344	-8038.995			593																	
16	05	1975	1840		3102.785	-8038.559			594																	
16	05	1975	1850		3103.434	-8038.259			595																	
16	05	1975	1900		3103.912	-8037.500			596																	

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PROGRAM	LORAN C	PUNCHING INSTRUCTIONS	GRAPHIC									PAGE 5 OF
PROGRAMMER	SE-1	DATE	PUNCH									CARD ELECTRO NUMBER

STATEMENT												Identification-Sequence	
Name	Operation	Operand		Comments									
1	8	10	14	16	20	25	35	40	45	50	55	71	73
16	05	1975	1910		3104.785	-8037.000		597					
16	05	1975	1920		3105.295	-8036.610		598					
16	05	1975	1930		3105.900	-8036.300		599					
16	05	1975	1940		3106.500	-8035.712		600					
16	05	1975	1950		3107.000	-8035.295		601					
16	05	1975	2000		3107.752	-8035.000		602					
16	05	1975	2010		3108.310	-8034.869		603					
16	05	1975	2030		3108.812	-8034.495		604					
16	05	1975	2031		3109.500	-8034.199		605					
16	05	1975	2040		3110.254	-8033.900		606					
16	05	1975	2050		3110.850	-8033.500		607					
16	05	1975	2100		3111.259	-8033.264		608					
16	05	1975	2110		3111.552	-8032.996		609					
16	05	1975	2120		3112.235	-8032.730		610					
16	05	1975	2130		3112.652	-8032.485		611					
16	05	1975	2140		3113.257	-8032.030		612					
16	05	1975	2150		3113.900	-8031.900		613					
16	05	1975	2211		3115.422	-8031.512		614					
16	05	1975	2220		3115.797	-8031.102		615					
16	05	1975	2230		3116.494	-8030.091		616					
16	05	1975	2240		3117.179	-8030.062		617					
16	05	1975	2250		3117.852	-8030.045		618					
16	05	1975	2300		3118.393	-8030.033		619					
16	05	1975	2310		3118.994	-8030.030		620					

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PROGRAM	LORAN C	PUNCHING INSTRUCTIONS	GRAPHIC							PAGE 6 OF
PROGRAMMER	SE-1	DATE	PUNCH							CARD ELECTRO NUMBER

STATEMENT										Identification-Sequence									
1	Name	5	10	14	16	20	25	30	35	40	45	50	55	60	65	71	73	80	
16	05	1975	2320			3119	.800	-8030	.010		621								
16	05	1975	2330			3120	.459	-8030	.000		622								
16	05	1975	2340			3121	.000	-8029	.843		623								
17	05	1975	0007			3122	.812	-8029	.352		624								
17	05	1975	0020			3123	.995	-8029	.000		625								
17	05	1975	0030			3124	.824	-8028	.845		626								
17	05	1975	0045			3125	.793	-8028	.500		627								
17	05	1975	0050			3126	.212	-8028	.438		628								
17	05	1975	0100			3127	.000	-8028	.390		629								
17	05	1975	0130			3128	.312	-8027	.795		630								
17	05	1975	0142			3130	.010	-8027	.284		631								
17	05	1975	0150			3130	.343	-8026	.995		632								
17	05	1975	0200			3131	.302	-8026	.654		633								
17	05	1975	0210			3131	.913	-8026	.100		634								
17	05	1975	0220			3132	.310	-8025	.500		635								
17	05	1975	0230			3133	.059	-8025	.002		636								
17	05	1975	0240			3133	.500	-8024	.503		637								
17	05	1975	0250			3133	.954	-8023	.902		638								
17	05	1975	0300			3134	.484	-8023	.422		639								
17	05	1975	0310			3135	.039	-8022	.859		640								
17	05	1975	0320			3135	.723	-8022	.495		641								
17	05	1975	0350			3137	.000	-8020	.092		642								
17	05	1975	0400			3137	.903	-8020	.010		643								
17	05	1975	0410			3138	.425	-8019	.459		644								

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PROGRAM	LOREN C	PUNCHING INSTRUCTIONS	GRAPHIC							PAGE 7 OF
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PROGRAM						PUNCHING INSTRUCTIONS		GRAPHIC							PAGE 8 OF	
PROGRAMMER						DATE		PUNCH							CARD ELECTRO NUMBER	

Name		Operation		Operand		STATEMENT		Comments		Identification-Sequence	
1	2	3	4	5	6	7	8	9	10	11	12
17	05	19	75	0830		3151.900	-8007.500		669		
17	05	19	75	0840		3152.495	-8007.000		670		
17	05	19	75	0852		3153.102	-8006.574		671		
17	05	19	75	0900		3153.546	-8006.300		672		
17	05	19	75	0910		3154.056	-8006.112		673		
17	05	19	75	0920		3154.500	-8005.776		674		
17	05	19	75	0930		3155.005	-8005.435		675		
17	05	19	75	0940		3155.764	-8005.159		676		
17	05	19	75	0950		3156.256	-8004.600		677		
17	05	19	75	1000		3156.825	-8004.459		678		
17	05	19	75	1010		3157.400	-8004.295		679		
17	05	19	75	1020		3157.900	-8003.625		680		
17	05	19	75	1030		3158.545	-8003.500		681		
17	05	19	75	1040		3159.200	-8003.200		682		
17	05	19	75	1050		3159.612	-8003.123		683		
17	05	19	75	1100		3200.035	-8002.900		684		
17	05	19	75	1110		3200.092	-8002.806		685		
17	05	19	75	1120		3201.622	-8002.500		686		
17	05	19	75	1130		3202.102	-8002.295		687		
17	05	19	75	1140		3202.745	-8001.952		688		
17	05	19	75	1200		3203.925	-8001.702		689		
17	05	19	75	1211		3204.803	-8001.843		690		
17	05	19	75	1220		3205.323	-8001.000		691		
17	05	19	75	1230		3205.512	-8000.060		692		



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STATEMENT																				Identification-										
Name		Operation				Operand														Comments										Sequence
1	5	10	14	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76											
17	05	19	75	12	40			32	06.034	-79	59.913			69	3															
17	05	19	75	12	50			32	06.551	-79	59.456			69	4															
17	05	19	75	13	00			32	07.000	-79	59.000			69	5															
17	05	19	75	13	10			32	07.712	-79	58.335			69	6															
17	05	19	75	13	20			32	08.232	-79	57.900			69	7															
17	05	19	75	13	30			32	08.752	-79	57.495			69	8															
17	05	19	75	13	40			32	09.323	-79	56.800			69	9															
17	05	19	75	13	50			32	09.452	-79	56.335			70	0															
17	05	19	75	14	00			32	09.912	-79	55.823			70	1															
17	05	19	75	14	20			32	11.295	-79	54.500			70	2															
17	05	19	75	14	30			32	11.601	-79	53.995			70	3															
17	05	19	75	14	40			32	11.923	-79	53.496			70	4															
17	05	19	75	15	00			32	12.800	-79	52.456			70	5															
17	05	19	75	15	30			32	14.000	-79	51.053			70	6															
17	05	19	75	15	40			32	14.452	-79	49.756			70	7															
17	05	19	75	15	50			32	14.845	-79	49.145			70	8															
17	05	19	75	16	00			32	15.300	-79	48.497			70	9															
17	05	19	75	16	10			32	15.759	-79	47.800			71	0															
17	05	19	75	16	20			32	16.257	-79	47.253			71	1															
17	05	19	75	16	30			32	16.702	-79	46.659			71	2															
17	05	19	75	16	40			32	17.200	-79	45.800			71	3															
17	05	19	75	16	50			32	17.454	-79	44.998			71	4															
17	05	19	75	17	00			32	17.995	-79	44.300			71	5															
17	05	19	75	17	10			32	18.400	-79	43.779			71	6															

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PROGRAM	LORAN - C	PUNCHING INSTRUCTIONS	GRAPHIC							PAGE	10 OF
PROGRAMMER	SE-1	DATE	PUNCH							CARD ELECTRO NUMBER	

STATEMENT																	Identification-Sequence	
Name		Operation				Operand				Comments								
1	5	8	10	14	16	20	25	30	35	40	45	50	55	60	65	70	75	80
17	05	1975	1730			3219.300	-7942.100			717								
17	05	1975	1740			3219.642	-7941.405			718								
17	05	1975	1750			3219.856	-7940.050			719								
17	05	1975	1800			3220.084	-7939.611			720								
17	05	1975	1810			3220.900	-7938.995			721								
17	05	1975	1820			3221.113	-7938.000			722								
17	05	1975	1842			3221.852	-7936.859			723								
17	05	1975	1850			3222.259	-7936.151			724								
17	05	1975	1900			3222.500	-7936.496			725								
17	05	1975	1910			3222.500	-7934.055			726								
17	05	1975	1920			3223.000	-7933.100			727								
17	05	1975	1930			3223.296	-7932.110			728								
17	05	1975	1940			3223.500	-7931.300			729								
17	05	1975	1950			3223.882	-7930.422			730								
17	05	1975	2000			3224.100	-7929.556			731								
17	05	1975	2010			3224.485	-7928.900			732								
17	05	1975	2020			3224.800	-7928.054			733								
17	05	1975	2030			3225.113	-7927.303			734								
17	05	1975	2040			3225.459	-7926.400			735								
17	05	1975	2050			3225.869	-7925.435			736								
17	05	1975	2100			3226.323	-7924.833			737								
17	05	1975	2120			3227.480	-7923.259			738								
17	05	1975	2130			3227.800	-7922.912			739								
17	05	1975	2141			3228.115	-7922.253			740								



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PROGRAM <u>LDRAD C</u>		PUNCHING INSTRUCTIONS	GRAPHIC													PAGE <u>12</u> OF
PROGRAMMER <u>SE-1</u>			DATE	PUNCH												

STATEMENT																		Identification-Sequence	
Name	Operation	Operand	Comments																
1	8	10	14	16	20	25	30	35	40	45	50	55	60	65	71	73	80		
1	a									765									
1	a									766									
1	a									767									
1	a									768									
1	a									769									
1	a									770									
1	a									771									
1	a									772									
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1	a									778									
1	a									779									
1	a									780									
1	a									781									
										782									
										783									
										784									
										785									
										786									
										787									
										788									

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PROGRAM		PUNCHING INSTRUCTIONS		GRAPHIC		PAGE 13 OF	
PROGRAMMER		DATE		PUNCH		CARD ELECTRO NUMBER	
Name		Operation		Operand		Comments	
18	05	19	75	05	30	3250.049	-785A.000
18	05	19	75	05	40	3250.085	-7853.810
18	05	19	75	05	50	3251.200	-7852.505
18	05	19	75	06	00	3251.800	-7851.836
18	05	19	75	06	10	3251.887	-7851.000
18	05	19	75	06	20	3252.200	-7850.045
18	05	19	75	06	31	3252.755	-7842.618
18	05	19	75	06	41	3252.995	-7842.900
18	05	19	75	06	50	3253.496	-7843.445
18	05	19	75	07	00	3253.500	-7848.153
18	05	19	75	09	07	3255.500	-7839.100
18	05	19	75	09	20	3255.825	-7838.298
18	05	19	75	09	30	3259.300	-7827.550
18	05	19	75	09	45	3300.000	-7826.601
18	05	19	75	09	55	3300.040	-7825.900
18	05	19	75	10	05	3300.091	-7823.811
18	05	19	75	10	15	3301.500	-7824.798
18	05	19	75	10	30	3301.835	-7823.989
18	05	19	75	10	40	3301.900	-7823.000
18	05	19	75	10	50	3301.959	-7822.354
18	05	19	75	11	00	3302.611	-7831.200
18	05	19	75	11	10	3303.000	-7831.200
18	05	19	75	11	20	3303.401	-7830.092
18	05	19	75	11	30	3303.702	-7830.050



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PROGRAM		PUNCHING INSTRUCTIONS		GRAPHIC		PAGE 16 OF											
PROGRAMMER DE-1		DATE		PUNCH		CARD ELECTRO NUMBER											
Name		Operation		Operand		Comments		Identification-Sequence									
1	8	10	14	16	20	25	30	35	40	45	50	55	60	65	71	73	80
18	05	1975	2000			3325.815	-7200.000			861							
18	05	1975	2010			3326.201	-7759.300			862							
18	05	1975	2020			3326.500	-7758.610			863							
18	05	1975	2032			3326.795	-7757.452			864							
18	05	1975	2040			3327.285	-7756.845			865							
18	05	1975	2050			3327.500	-7756.200			866							
18	05	1975	2100			3327.800	-7754.800			867							
18	05	1975	2110			3328.195	-7754.313			868							
18	05	1975	2120			3328.454	-7753.600			869							
18	05	1975	2130			3328.945	-7752.900			870							
18	05	1975	2150			3329.953	-7751.500			871							
18	05	1975	2200			3330.043	-7750.093			872							
18	05	1975	2210			3331.000	-7750.030			873							
18	05	1975	2221			3331.459	-7749.650			874							
18	05	1975	2240			3332.312	-7748.401			875							
18	05	1975	2250			3332.703	-7747.602			876							
18	05	1975	2300			3333.151	-7747.000			877							
18	05	1975	2330			3330.080	-7748.359			878							
19	05	1975	0000			3328.348	-7747.800			879							
19	05	1975	0030			3325.355	-7748.800			880							
19	05	1975	0220			3316.723	-7758.402			881							
19	05	1975	0230			3315.845	-7759.212			882							
19	05	1975	0300			3313.550	-7802.214			883							
19	05	1975	0400			3308.911	-7806.500			884							

END OF  
2300 10/17/75TRANSIT  
EVERY  
BETWEEN  
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