	Norms of European Model Railroads	**NEM**
MOROP	**Track Spacing**	**112**
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Recommendation	**Measurements in mm**	**2004 Edition**
		replacement for 1985 Edition

1. This Recommendation serves as an aid:

   - to determine the minimum track distance on a given curve as a function of the length of rail vehicles in service,
   - to determine the maximum vehicle length as a function of existing curvature and track spacing.

2. The separation between **straight** standard gauge track - centerline to centerline - should be equal to or greater than the values listed in the following table.

	Z	**N**	**TT**	**H0**	**S**	**0**	**I**	**II**
On Open Track	19	25	34	46	63	89	125	178
In Stations/Yards	21	28	38	52	71	103	141	200

3. In **Curves** the track separation must be increased. For each radius, use the value from the following table that corresponds to the Vehicle Group A, B, or C as defined in NEM 103. The track separation specified for Vehicle Group A is the minimum and should not be reduced even if bogie-equipped vehicles are not used.

   The specified track separation must be present wherever straight track transitions into a curve.

   Table of Track Center-line Distances

   See page 2

Table of Track Center-line Distances

Scale	Z			N			TT			HO			S			0			I			II		
Curve Radius	Vehicle Group																							
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
175	21	23	25	31																				
200	20	22	24	30	33																			
225	19	21	23	29	32	35																		
250	19	20	22	28	31	33	40																	
275	19	20	21	27	30	32	39	44																
300	19	19	21	27	29	31	38	42	46															
325	19	19	20	26	28	30	37	41	45	57														
350	19	19	20	26	28	29	36	40	43	55	62													
400	19	19	19	25	27	28	35	38	41	53	59	64												
450	19	19	19	25	26	27	34	37	40	51	57	61	76											
500	19	19	19	25	25	26	34	36	38	50	55	59	74	83										
550	19	19	19	25	25	26	34	35	37	49	53	57	72	80	88									
600	19	19	19	25	25	26	34	34	36	48	52	55	70	78	84	116								
700	19	19	19	25	25	25	34	34	35	46	50	52	67	74	80	110	125							
800	19	19	19	25	25	25	34	34	34	46	48	50	65	71	76	106	119	130						
900	19	19	19	25	25	25	34	34	34	46	47	48	64	68	73	103	114	123	154					
1000	19	19	19	25	25	25	34	34	34	46	46	47	63	66	70	100	110	118	149	166				
1200	19	19	19	25	25	25	34	34	34	46	46	46	63	64	67	96	104	111	142	155	169			
1400	19	19	19	25	25	25	34	34	34	46	46	46	63	63	64	93	99	105	136	147	159	208		
1600	19	19	19	25	25	25	34	34	34	46	46	46	63	63	63	91	96	101	132	141	151	201	225	
1800	19	19	19	25	25	25	34	34	34	46	46	46	63	63	63	89	93	98	129	137	145	196	216	234
2000	19	19	19	25	25	25	34	34	34	46	46	46	63	63	63	89	91	95	126	133	140	190	208	224
2500	19	19	19	25	25	25	34	34	34	46	46	46	63	63	63	89	89	90	125	126	132	181	195	207
3000	19	19	19	25	25	25	34	34	34	46	46	46	63	63	63	89	89	89	125	125	126	178	185	195
3500	19	19	19	25	25	25	34	34	34	46	46	46	63	63	63	89	89	89	125	125	125	178	178	187
4000	19	19	19	25	25	25	34	34	34	46	46	46	63	63	63	89	89	89	125	125	125	178	178	181