

<b>Data from LTK Report, 1993</b>					
on radius of 100 ft from coupler, 45° steps from -90° to +90° (-90° = left side)					
	<b>Left</b>				<b>Right</b>
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
	Cab Car 604, 4'				
Horn	108	112	110	112	107
Whistle	97	97	101	97	86
	Cab Car 604, 9'				
Horn	108	112	110	111	108
Whistle	94	98	100	98	87
	Cab Car 609, 4'				
Horn	109	111	110	112	102
Whistle	94	102	102	98	84
	Cab Car 609, 9'				
Horn	108	112	110	110	104
Whistle	94	102	104	98	86
	Loco 860, 4'				
Horn	101	101	100	102	105
Whistle	89	99	98	99	97
	Loco 860, 9'				
Horn	101	100	100	103	104
Whistle	90	98	97	98	96
	Loco 870, 4'				
Horn	93	95	104	94	95
Whistle	85	86	103	85	88
	Loco 870, 9'				
Horn	94	95	102	95	96
Whistle	84	87	101	86	87
	<b>Cab (avg)</b>				
Horn	108.3	111.8	110.0	111.3	105.3
Whistle	94.8	99.8	101.8	97.8	85.8
	<b>Loco (avg)</b>				
Horn	97.3	97.8	101.5	98.5	100.0
Whistle	87.0	92.5	99.8	92.0	92.0
	<b>Average Directivity</b>				
	<b>Cab (avg)</b>				
Horn	-1.8	1.8	0.0	1.3	-4.8
Whistle	-7.0	-2.0	0.0	-4.0	-16.0
	<b>Loco (avg)</b>				
Horn	-4.3	-3.8	0.0	-3.0	-1.5
Whistle	-12.8	-7.3	0.0	-7.8	-7.8
	<b>Average 90° value</b>				
			-10.9		