ERRATA SHEET

The Noise Guidebook
Railway Noise Guidance and Calculation Corrections

February 2009

The following should replace the paragraph entitled "Horns and Whistles" on page 63 (also marked 15) in the Noise Assessment Guidelines, Chapter 5, of *The Noise Guidebook* (September 1991).

> If the Noise Assessment Location (NAL) is perpendicular to any point on along a railroad track between the whistle posts for a road crossing, a factor to account for the noise of warning horns or whistles must be included in the calculation. There are 2 factors to be used based on the type of locomotive. If the locomotive is diesel-powered, enter the number 10 in column 11 of Worksheet D. If the locomotive is electric-powered, enter the number 100 in column 18 of Worksheet D. If the NAL is not between the whistle posts for a road crossing, enter the number 1 in each column.
>
> *Note: Whichever horn factor is appropriate, it must only be applied once. If a factor is applied for diesel locomotives in the first section of the worksheet, it must not be applied to the railcar noise calculation in the second part. In that instance, enter the number 10 in column 11 and the number 1 in column 18.*

A revised Worksheet D also accompanies this correction. It is easily distinguished from the original. The new Worksheet D has an additional column in the second section of page 2 for a total of 27 columns. The original version, with 26 columns, is hereby void.

Railway Noise Data Sheet

Noise Assessment Guidelines

List All Railways within 3000 feet of the site:

1. _____

2. _____

3. _____

Necessary Information	**Railway No. 1**	**Railway No. 2**	**Railway No. 3**	**Notes**
1. Effective distance:				Measured in feet from NAL to center of track
2. Number of Trains in 24 hours:				
a. diesel				
b. electrified				
3. Fraction of operations occuring at night:				10 p.m. - 7a.m.
4. Number of diesel locomotives per train:				
5. Number of rail cars per train:				
a. diesel trains				
b. electrified trains				Include locomotive for electrified trains
6. Average train speed:				
7. Is track welded or bolted?				
8. Is the site opposite a section of tracks between whistle stops?				

Adjustments for Diesel Locomotives

	9 No. of Locomotives 2		10 Average Speed (Table 9)		11 Horns (Enter 10)		12 Night- time (Table 5)		13 No. of Trains (Line 2a)		14 Adj. No of Opns.		15 DNL (Workchart 3)		16 Barrier Attn.		17 Partial DNL
Railway No. 1		x		x		x		x		=				-		=	
Railway No. 2		x		x		x		x		=				-		=	
Railway No. 3		x		x		x		x		=				-		=	

Adjustments for Railway Cars or Rapid Transit Trains and Electric Locomotives

	18 Horns on Electric Trains only (Enter 100)		19 Number of cars 50		20 Average Speed (Table 10)		21 Bolted Rails (Enter 4) Welded (Enter 1)		22 Night- time (Table 5)		23 No. of Trains (Lines 2a and 2b)		24 Adj. No. of Opns.		25 DNL (Workchart 4)		26 Barrier Attn.		27 Partial DNL
Railway No. 1		x		x		x		x		x		=				-		=	
Railway No. 2		x		x		x		x		x		=				-		=	
Railway No. 3		x		x		x		x		x		=				-		=	

Combined Locomotive and Railway Car DNL (See combining noise levels table for procedures)

Partial DNL Railway No. 1		Partial DNL Railway No. 2		Partial DNL Railway No. 3		Partial DNL Total DNL for all Railways	

Signed _____ Date _____