Appendix U Noise and Vibration

Chapter 22, "Noise and Vibration" assesses the potential effects of the Proposed Action on noise and vibration, including (1) potential effects of introducing new noise-sensitive land uses (i.e., residences and community facilities) into an already noisy environment and (2) effects of noise-generating activities associated with the Proposed Action on existing noise-sensitive uses in the area. The chapter describes the existing noise and vibration conditions within the Project Area, predicts future changes that would occur in the Project Area with and without the Proposed Action in 2010 and 2025, and identifies potential significant adverse impacts based on CEQR Noise Exposure Guidelines, as well as Federal Transit Administration (FTA) Guidelines for subway operations. This appendix includes supplementary information pertaining to Chapter 22, "Noise and Vibration."

1. NOISE MONITORING AND VIBRATION DATA SHEETS

Field data sheets prepared during the noise and vibration monitoring of Existing Conditions are included in this section.

2. TRAFFIC NOISE MODEL (TNM V2.5) INPUT AND OUTPUT FILES

Estimates of noise levels within the study area under Existing Conditions, Future Without the Proposed Action, and Future With the Proposed Action were arrived at using the TNM model with data generated from the traffic assessment (see Chapter 19, "Traffic and Parking" and Appendix S.1 – S.3). Due to the number of input and output TNM files (more than 2,500 pages) resulting from the noise analysis, the TNM files are not included in this appendix, but can be made available upon request. The TNM model which is a copyrighted FHWA model is required to view the input and output files; the model is available from:

Mc*Trans*: (352) 392-0378
Toll Free: (800) 226-1013
McFAX: (352) 392-6629
Email: mctrans@ce.ufl.edu

3. MAP OF NOISE ATTENUATION SITES

This section includes a map of residential and community facility sites that would require noise attenuation as a result of the Proposed Action. Chapter 22, "Noise and Vibration" also provides a table of residential and community facility sites that would require noise attenuation as a result of the Proposed Action.

4. DOCUMENTATION OF EXISTING RESIDENTIAL BUILDINGS

This section includes a table and photograph inventory of existing residential and community facilities within the Project Area.

1: Noise Monitoring Data Sheets

Leq/Lmax/Lmin Data Sheet

Project Desc. _____ Project Remarks _____

Date of Proj. _____

	LOCATION	Start	Leq	Lmin	Lmax	L-1	L-5	L-10	L-50	L-90	REMARK (SN, Filename, Weather, Extraneous Noise, etc)
5/13 PM	N5	16:04	74.9	62	87.3	81	80	74	72	67	
	N1	16:41	75.6	63.6	91.9	83	74	78	74	66	
	N3	17:04	69.7	54.9	86.6	78	75	72	67	62	
	N4	17:50	73.7	61.6	89.6	83	80	77	69	64	
	N10	18:13	77.6	65.4	98.3	90	80	77	72	67	
	N12	18:30	72.6	64.5	92.6	85	76	74	69	68	
	N7	18:46	70.2	61.9	83.1	77	75	73	68	65	
5/13 Night	N5	~~20:43~~ 20:43	~~86.2~~ 74	59.2	86.2	80	79	78	71	64	TIME: 21:58
	N1	~~21:17~~ 22:17	78	~~82.9~~	~~87.8~~	88	84	82	74	68	22:17
	N3	~~22:35~~ 22:35	67.5	59.3	85.9	78	73	71	63	61	22:35
	N4	~~22:53~~ 22:53	73.7	59.9	86.9	81	79	78	71	64	22:53
	N10	23:20	71.1	62.5	89.2	81	78	75	67	64	23:20
	N12	23:40	75.1	59.3	92.4	87	82	79	68	62	23:40
*	N7	20:43	70.6	62.9	81.8	76	75	74	69	66	*23:43 (Alt)
5/14 AM	N5	6:18	73.4	59.8	86.9	82	79	78	70	63	
	N1	6:46	79	68.1	88.1	84	83	82	78	71	
	N3	7:07	73.7	61.3	89	82	80	79	70	63	
	N4	7:25	73.2	62.4	87.4	82	78	76	71	65	
	N10	7:48	76.4	67.7	90.9	85	81	79	74	70	
	N12	8:22	74.9	65.1	86.1	82	78	78	74	68	
	N7	9:00	78	68.3	88.4	85	82	81	76	72	

Leq/Lmax/Lmin Data Sheet

Project Desc. _____ Project Remarks _____

Date of Proj. _____

	LOCATION	Start	Leq	Lmin	Lmax	L- 1	L- 5	L- 10	L- 50	L- 90	REMARK (SN, Filename, Weather, Extraneous Noise, etc)
5/14 AM	N5	11:00	70.3	60.8	85.1	77	76	75	67	63	
	N1	11:35	76.9	66.	87.6	83	81	80	75	68	
	N3	11:55	69.2	59.3	84.3	78	74	72	67	62	
	N4	12:13	74.1	63.1	90.1	82	79	78	71	65	
	N10	12:35	76.5	70.2	93.6	84	81	78	74	72	
	N12	12:55	72.2	62.6	84.6	79	76	75	71	66	
	N7	13:24	74	63.7	81.7	79	78	77	73	67	
5/14 PM	N5	16:45	74.9	62	87.3	81	80	79	72	67	
	N1	17:07	75.6	63.6	91.9	83	79	78	74	66	63.6
	N3	17:28	69.7	59.9	86.6	78	75	72	67	62	
	4	17:45	73.7	61.6	89.6	38	80	77	69	64	
	10	18:06	77.6	65.4	98.3	90	80	77	72	67	
	12	18:28	72.6	64.5	92.6	85	76	74	69	66	
	7	18:55	70.2	61.9	83.1	77	75	73	68	65	
5/14 EV	5	20:40	70.6	62.9	81.8	76	75	74	69	66	
	1	21:06	74	59.2	86.2	80	79	78	71	64	
	3	21:27	78	62.9	97.8	88	84	82	74	68	
	4	22:00	67.5	59.3	85.9	78	73	71	63	61	
	10	22:26	73.7	59.9	86.8	82	79	78	71	64	
	12	23:20	71.1	62.5	89.2	81	78	75	67	64	
	7	23:39	74.9	59.3	92.4	87	82	79	68	62	

Leq/Lmax/Lmin Data Sheet

Project Desc. _____ Project Remarks _____

Date of Proj. _____

	LOCATION	Start	Leq	Lmin	Lmax	L-1	L-5	L-10	L-50	L-90	REMARK (SN, Filename, Weather, Extraneous Noise, etc)
5/15 AM	N5	6:34	70.1	57.7	82.4	78	76	73	66	60	
	N1	6:58	78.6	66.7	86.2	83	82	82	79	68	
	N3	7:19	69.9	59.3	85	79	75	73	67	62	
	N4	7:38	74.8	61.7	87.9	84	81	78	71	65	
	N10	8:01	75.3	66.5	86.7	81	80	79	74	70	
	N12	8:30	74.6	66.7	84.3	81	79	78	73	69	
	N7	8:52	74	66.9	83.2	80	77	77	73	69	
MD	N3	11:19	67.9	59.6	92.3	75	71	69	64	62	
	N1	11:40	77.6	67.4	90.2	84	82	81	76	69	
	N5	12:07	72.5	60.8	85.9	81	78	76	70	63	
	N7	12:25	73.6	62.6	90.7	81	78	76	72	67	
	N12	12:52	74.9	65.8	92.0	86	80	77	71	68	
	N10		77	62.5	102.4	88	80	79	72	66	
	N4		71.7	66.3	82.5	78	75	74	70	67	
PM	N5	16:07	69.7	58.1	83.4	77	74	73	67	63	
	N1	16:35	77.1	64	93.2	83	82	80	76	68	
	N3	16:55	65.7	59.7	89.1	77	69	67	63	61	
	N4	17:15	70.1	62.2	83.4	80	75	72	67	64	
	N16	17:39	74.7	65.4	93.3	84	80	77	71	68	
	N12		74.5	60	93.3	81	79	77	71	65	
	N7		73.7	63.5	86.3	80	78	77	71	68	

Leq/Lmax/Lmin Data Sheet

Project Desc. _____ Project Remarks _____

Date of Proj. _____

LOCATION	Start	Leq	Lmin	Lmax	L- 1	L- 5	L- 10	L- 12	L- 7	REMARK (SN, Filename, Weather, Extraneous Noise, etc)
N5	20:15	68.4	57.4	79.9	76	73	72	65	66	
N1	20:50	78.1	67.3	95.4	85	82	81	77	67	
N3	21:11	66	60.6	74.6	72	70	69	64	62	
N4	21:30	77.9	61.7	86.1	82	81	77	72	65	
N10	21:50	73.4	63.9	92.2	86	77	75	69	66	
N12	22:12	73.8	60.8	91.2	82	78	76	72	65	
N7	22:32	76.7	59	96.4	89	81	79	70	67	

1/15 NT

Leq/Lmax/Lmin Data Sheet

Project Desc. _____ Project Remarks _____

Date of Proj. _____

LOCATION	Start	Leq	Lmin	Lmax	L- 1	L- 5	L- 10	L- 50	L- 90	REMARK (SN, Filename, Weather, Extraneous Noise, etc)
N5	15:23	67.2	56.4		74	73	70	65	60	
N1	15:46	79.5	67.8		86	83	82	78	71	
N3	16:06	64.4	58.4		73	69	68	63	60	
N4	16:24	71.7	61.5		79	76	75	70	65	
N10	16:48	70.5	65.6		78	74	73	69	67	
N12	17:22	72.9	64.3		81	78	76	70	66	
N7	17:44	72.2	56.7		83	77	75	68	60	

Leq/Lmax/Lmin Data Sheet

Project Desc. OZAOZ 21 Project Remarks

Date of Proj. 5/14/03

LOCATION	Start	Leq	Lmin	Lmax	L-1	L-5	L-10	L-50	L-90	REMARK (SN, Filename, Weather, Extraneous Noise, etc)
N2	16:00	77.0	61.4	86.1	83	82	81	75	66	Across from Luxury New Cars
N6	16:22	75.7	65.2	83.4	85	81	77	73	68	Lots of Horns
N9	16:42	74.8	65.2	82.2	80	79	78	74	63	
N14	17:04	70.4	63.0	80.4	76	75	74	69	66	
N13	17:24	69.9	63.0	83.1	77	75	73	68	65	
N11	17:56	74.3	63.4	86.2	82	80	78	72	68	
N8	18:27	74.9	65.4	92.8	82	71	75	71	68	Windy
N11	20:27	71.2	61.4	87.8	79	76	75	69	64	Traffic picked up in distance
N8	20:45	68.8	62.1	79.6	75	73	72	67	64	
N2	21:06	74.3	64.3	83.8	81	79	78	73	68	Wind picking up
N6	21:27	72.9	62.3	88.5	82	77	75	71	65	
N9	21:45	74.1	64	84.6	80	79	78	72	67	Helicopter N[illegible] - [illegible]
N14	22:06	71.1	60.5	84.3	79	76	74	69	64	
N13	22:30	67.8	61.9	78.9	74	73	71	66	63	
	5/14/03									
N2	6:24	78.1	64	84.5	85	84	82	79	69	
N6	6:43	74.3	62.4	84	83	79	78	72	66	Very Bad AT Hea[illegible]
N9	7:03	75.7	66.1	83.1	82	80	79	75	68	
N14	7:27	72.8	64.2	87.6	79	77	76	[illegible]	67	71
N13	7:46	72.1	63.1	80.4	78	77	76	72	68	Lots of traffic
N11	8:04	76.3	68.1	91.3	83	81	79	75	71	Growing [illegible], [illegible] [illegible]

Leq/Lmax/Lmin Data Sheet

Project Desc. 02A21 Project Remarks

Date of Proj. 5/14/03

LOCATION	Start	Leq	Lmin	Lmax	L-1	L-5	L-10	L-50	L-90	REMARK (SN, Filename, Weather, Extraneous Noise, etc)
N2	11:15	77.3	66.9	88.6	85	83	81	75	70	Lmax 88.1 HELOS [illegible]
N6	11:36	74.3	65.6	87.6	82	79	77	72	68	
N9	11:54	74.9	67.8	89.7	81	79	77	74	71	SOME WORK IN YARD
N14	12:15	72.7	65.7	84.0	80	77	76	71	68	
N13	12:34	71.5	65.8	87.5	79	76	74	70	67	
N11	12:54	73.8	66.1	86.3	82	78	76	72	69	
N8	13:13	73.2	66.1	86.	81	78	75	72	68	
N2	16:49	79.5	61.9	92.4	86	83	82	76	68	
N6	17:09	75	67.2	87.6	83	80	79	73	66	
N9	17:29	74.3	64.1	90.1	82	78	77	73	68	
N14	17:49	72.2	65.6	89.2	80	77	75	70	68	
N13	18:08	75	67.4	88.5	84	78	77	73	68	
N11	18:25	74.7	66.2	88.3	81	80	78	73	68	
N8	18:42	73.6	64.6	84.4	81	78	77	71	66	
N8	20:40	73.2	60.9	86.7	82	79	76	70	65	
N2	21:01	71.1	62.7	87.8	80	76	75	69	64	
N9	21:24	72.9	61.4	85.8	79	78	76	72	64	
N14	21:44	70.9	61.0	88.6	79	75	73	69	65	
N13	22:17	69.2	62.5	79.5	75	72	70	66	62	
N11	22:35	70.6	58.7	82.6	78	76	74	68	64	
N6	22:56	75.1	67.0	85.6	82	80	79	73	67	

Leq/Lmax/Lmin Data Sheet

Project Desc. 02A21 Project Remarks

Date of Proj. 5/15/02

LOCATION	Start	Leq	Lmin	Lmax	L-	L-	L-	L-	L-	REMARK (SN, Filename, Weather, Extraneous Noise, etc)
N 2	6:38	76.6	61.8	89.9	85	83	82	71	66	GARBAGE TRUCK / STREET SWEEPER
N 6	6:58	73.9	61.4	85.4	83	79	76	71	65	
N 9	7:16	75.0	66.9	87	82	78	78	74	70	
N 14	7:37	71.3	62.3	82.8	77	76	75	70	66	
N 13	7:57	71.9	65.0	83.4	77	76	75	71	67	
N 11	8:14	76.7	68.5	87.2	85	81	80	74	71	
N 8	8:33	73.8	66.3	81.6	79	78	77	73	68	
N 2	11:03	76.5	63.4	86.8	85	83	80	74	66	
N 6	11:23	73.6	61.6	86.4	82	80	77	71	64	
N 9	11:41	73.9	66.4	89.0	79	78	77	72	69	
N 14	12:02	72.8	65.8	85.7	80	79	76	71	67	
N 13	12:21	70.3	64.3	86	75	74	73	69	66	
N 11	12:41	75.1	65.6	90.6	84	79	77	73	70	
N 8	13:00	73.3	67	83.2	81	77	77	72	68	
N2	16:21	72.9	65.6	84.9	81	79	76	71	67	GRIDLOCK
N6	16:41	74.9	61.2	93.2	85	80	78	70	64	
N9	16:59	74.9	65.3	84.5	81	79	78	74	68	
N14	17:21	74.6	64.1	92.5	84	79	76	71	67	
N13	17:41	72.7	64.0	91.0	82	77	75	70	65	
N 11	17:58	73.0	65.6	88.0	83	78	77	70	67	
N8	18:17	74.1	62.5	94.0	81	79	78	71	67	

Leq/Lmax/Lmin Data Sheet

Project Desc. _____ Project Remarks _____

Date of Proj. 5/15/03

LOCATION	Start	Leq	Lmin	Lmax	L-1	L-5	L-10	L-50	L-90	REMARK (SN, Filename, Weather, Extraneous Noise, etc)
N2	20:18	74.6	62.3	83.4	81	80	79	73	66	
N6	20:37	73.4	61.1	87.4	82	79	77	70	64	
N9	20:56	77.0	59.7	84.5	80	77	76	71	63	
N14	21:17	68.2	60.9	81.8	76	73	72	68	64	
N13	21:37	67.9	~~79.2~~ 60.0	79.2	74	73	72	66	62	
N11	21:54	72.4	60.6	85.9	80	78	76	70	64	
N8	22:13	70.4	61.4	83.8	78	76	74	66	63	

Leq/Lmax/Lmin Data Sheet

Project Desc. 02A21 Project Remarks

Date of Proj. 2/4/04

LOCATION	Start	Stop	Leq	Lmin	Lmax	L- 1	L- 5	L- 10	L- 50	L- 90	REMARK (SN, Filename, Weather, Extraneous Noise, etc)
											Commercial [illegible]
N15											Idle Trucks - Traffic @ 35-40MPH, 3 parking lots
											[illegible]
AM	9:31	9:59	[illegible]		83	77	75	[illegible]	66	65	Horn @ 8:58 [illegible]
											Traffic [illegible]
[illegible]	11:40	12:06	65.0		[illegible]	[illegible]	[illegible]	[illegible]	66	64	[illegible]
PM	3:48		67.8		80.1	75	72	71	66	64	[illegible]
											*[illegible]
[illegible]T	6:32		69.4		83.0	77	75	73	67	65	[illegible]
											[illegible] - Good equipment [illegible]
WE	3:33	3:53	65.2		85.1	74	69	67	62	58	WE Traffic Light (Very)
											Faster Traffic, No HT,
											Very light PIT to none ([illegible])
											Low hum in background suspect fan
											from Building w/ Bridal Shop
											w/ parking lot adjacent
											1 or 2 Residentials on the block -
											Mostly Commercial, Parking lots
											expose Residentials on the other
											blocks. [illegible] lot [illegible]
											the Port Authority Bus RAMP

Leq/Lmax/Lmin Data Sheet

Project Desc. _____ Project Remarks _____

3/24 Date of Proj. 3/24 Weekday; 3/28/WEnd

	LOCATION	Start	Stop	Leq	Lmin	Lmax	L-1	L-5	L-10	L-50	L-90	REMARK (SN, Filename, Weather, Extraneous Noise, etc)
AIL	N16			74.3		91.8	83	79	77	71	67	Moderate TRAFFIC 35-45 - Loading (EB)
	N17			70.9		85.5	80	75	72	68	66	Westbound - Two Ln → 1 Ln on West Side (Constr) + Loading
	N18			68.2		83.2	77	74	74	64	62	24 hr taxi service shop (EB)
												Loading of Clothing Warehouse
BRD	~~N16~~			~~70.4~~		~~87.7~~	~~79~~	~~77~~	~~72~~			
	16			70.4		87.7	79	76	72	66	62	Poor road conditions
	17			67		84.5	77	72	70	63	59	@36th due to residential construction on 37th
	18			69		86.1	80	74	71	64	60	11th Ave traffic perceptable during lulls in traffic + 24 hr Cab Service (pnuematic drills, etc)
PM	16			72.4		95.5	82	78	75	64	63	Moderate traffic - U-haul employees leaving Parking
	17			70		86.1	79	77	73	65	60	No Constr, No Loading
	18			66.4		85.7	76	71	68	63	60	24hr Cab Service Station
NT	16			67		80.9	74	72	70	68	61	Quiet - Pedestrians - Light traffic @ 35-50 mph
	17			65.2		91.6	72	69	67	60	57	No traffic - Light - Dyer traffic underneath perc.
	18			65.3		91.8	73	69	67	61	58	Light traffic 24hr Cab station - Occasional LIRR train (Every 25 min?)
W	~~16~~	~~16:51~~	~~17:11~~	~~66.4~~		~~74~~		~~70~~				
3/28	16	16:51	17:11	66.4		80.1	74	~~71~~ 70	~~70~~ 69	62	58	Light Traffic
	17	17:14	17:45	64.8		85.9	74	70	68	61	55	Extremely Quiet
	18	16:22	16:46	67.1		85.4	78	~~70~~ 69	68	63	60	Light - Moderate - Jacob Javits Traffic 24hr cab Service Station

(*) Most areas - Roadway Dominant Noise Source. Lulls in traffic, in most cases, allowed traffic ~~to be au~~ from Avenues to be audible. Occasional helicopters + planes. N17 - Dyer passes underneath - 2nd any noise when 37th ~~is~~ has no traffic. WE, Neither are audible. 9th + 10th Ave - heavy Lincoln Tunnel traffic Queue

Location	Vibration Event	Vel (in/sec)	VdB	Freq (Hz)	
V1	E1	0.051	94	53,40	
	E2		<60		
	E3		<60		
	E4	0.046	93	40, 53	
V2	E5		<60		
V3	E6	0.01	80	30	
		0.004	72	30	
V4	E7	0.007	77	50	
V5	E8	0.002	66	100, 90	
V6	E9		<60		
V7	E10	0.057	95	10	Bus hits curb
		0.004	72		Typical
	E11		<60		
V8	E12	0.001	60	63, 35, 80	Bus Depot, HVAC nearby
V9	E13	0.001	60	80	
V10	E14		<60		
V11	E15	0.001	60	14, 36	
V12	E16		<60		
V13	E17		<60		
	E18	0.012	82	16, 2, 8, 3	
V14	E19		<60		
V15	E20	0.027	89	18, 2, 8, 3	Train Platform
V16	E21	0.005	74	95	Train Platform, Joint nearby
	E22	0.063	96	88, 61	Train Platform, Joint nearby

Event Table: V16b.udf EDR3C #0750 Acceleration

	Time of Event	Max X	Max Y	Max Z	RMS X	RMS Y	RMS Z	Velocity X	Velocity Y	Velocity Z	Samples	Comment
		g	g	g	g	g	g	inches/s	inches/s	inches/s	Unknown	
1: 1	May 29, 2003 8:45:31 pm	0.027	0.001	0.002	0.007	0.000	0.001	0.014	-0.003	-0.002	256.000	
1: 2	May 29, 2003 8:45:33 pm	0.026	0.002	0.001	0.006	0.001	0.001	-0.015	-0.005	-0.002	256.000	
1: 3	May 29, 2003 8:45:34 pm	0.026	0.002	0.001	0.007	0.001	0.001	0.015	-0.002	-0.003	256.000	
1: 4	May 29, 2003 8:45:35 pm	0.037	0.001	0.002	0.010	0.001	0.001	-0.010	-0.003	-0.003	256.000	
1: 5	May 29, 2003 8:45:37 pm	0.034	0.001	0.002	0.010	0.001	0.001	-0.005	-0.003	-0.007	256.000	
1: 6	May 29, 2003 8:45:38 pm	0.036	0.002	0.002	0.009	0.001	0.001	0.013	-0.002	-0.003	256.000	
1: 7	May 29, 2003 8:45:40 pm	0.045	0.002	0.001	0.011	0.001	0.001	-0.035	-0.002	-0.003	256.000	
1: 8	May 29, 2003 8:45:42 pm	0.015	0.001	0.001	0.006	0.001	0.001	-0.012	-0.003	-0.003	256.000	
1: 9	May 29, 2003 8:45:43 pm	0.014	0.001	0.001	0.006	0.001	0.001	-0.011	-0.002	-0.003	256.000	
1:10	May 29, 2003 8:45:45 pm	0.025	0.001	0.001	0.007	0.001	0.001	0.011	-0.003	-0.002	256.000	
1:11	May 29, 2003 8:45:46 pm	0.014	0.001	0.002	0.005	0.001	0.001	-0.007	-0.006	-0.005	256.000	
1:12	May 29, 2003 8:45:48 pm	0.017	0.001	0.002	0.004	0.001	0.001	0.009	-0.003	-0.005	256.000	
1:13	May 29, 2003 8:45:49 pm	0.008	0.002	0.001	0.003	0.001	0.001	-0.008	-0.005	-0.002	256.000	
1:14	May 29, 2003 8:45:50 pm	0.017	0.001	0.001	0.004	0.001	0.001	0.008	-0.002	-0.005	256.000	
1:15	May 29, 2003 8:45:52 pm	0.010	0.001	0.002	0.002	0.001	0.001	-0.007	-0.003	-0.002	256.000	
1:16	May 29, 2003 8:45:53 pm	0.028	0.002	0.001	0.006	0.001	0.001	-0.018	-0.005	-0.003	256.000	
1:17	May 29, 2003 8:45:55 pm	0.003	0.002	0.000	0.001	0.001	0.000	0.002	-0.003	-0.003	256.000	
1:18	May 29, 2003 8:45:56 pm	0.002	0.001	0.001	0.001	0.001	0.001	-0.002	-0.003	-0.003	256.000	
1:19	May 29, 2003 8:45:58 pm	0.001	0.002	0.001	0.000	0.001	0.001	-0.001	-0.005	-0.003	256.000	
1:20	May 29, 2003 8:45:59 pm	0.005	0.000	0.001	0.001	0.000	0.001	-0.004	-0.003	-0.003	256.000	
1:21	May 29, 2003 8:46:01 pm	0.002	0.002	0.001	0.001	0.001	0.001	-0.002	-0.002	-0.003	256.000	
1:22	May 29, 2003 8:46:03 pm	0.028	0.002	0.001	0.005	0.001	0.001	-0.020	-0.002	-0.002	256.000	
1:23	May 29, 2003 8:46:05 pm	0.019	0.001	0.001	0.003	0.001	0.001	0.014	-0.002	-0.005	256.000	
1:24	May 29, 2003 8:46:07 pm	0.018	0.001	0.001	0.003	0.001	0.001	0.011	-0.001	-0.004	256.000	
1:25	May 29, 2003 8:46:08 pm	0.013	0.002	0.001	0.003	0.001	0.001	0.008	-0.003	-0.003	256.000	
1:26	May 29, 2003 8:46:10 pm	0.003	0.001	0.002	0.001	0.001	0.001	-0.002	-0.003	-0.003	256.000	
1:27	May 29, 2003 8:46:12 pm	0.003	0.001	0.001	0.001	0.001	0.001	-0.005	-0.002	-0.003	256.000	
1:28	May 29, 2003 8:46:13 pm	0.058	0.001	0.000	0.007	0.001	0.000	0.032	-0.003	-0.002	256.000	
1:29	May 29, 2003 8:46:15 pm	0.026	0.000	0.001	0.004	0.000	0.001	0.020	-0.003	-0.003	256.000	
1:30	May 29, 2003 8:46:16 pm	0.023	0.001	0.002	0.004	0.001	0.001	-0.017	-0.005	-0.004	256.000	
1:31	May 29, 2003 8:46:18 pm	0.033	0.001	0.000	0.005	0.001	0.000	0.021	-0.003	-0.003	256.000	
1:32	May 29, 2003 8:46:20 pm	0.010	0.001	0.001	0.002	0.001	0.001	-0.005	-0.005	-0.012	256.000	
1:33	May 29, 2003 8:46:22 pm	0.038	0.001	0.001	0.005	0.000	0.001	0.025	-0.004	-0.003	256.000	
1:34	May 29, 2003 8:46:23 pm	0.008	0.000	0.001	0.002	0.000	0.001	-0.007	-0.003	-0.003	256.000	

Event Table: V16b.udf EDR3C #0750 Acceleration

	Time of Event	Max X	Max Y	Max Z	RMS X	RMS Y	RMS Z	Velocity X	Velocity Y	Velocity Z	Samples	Comment
		g	g	g	g	g	g	inches/s	inches/s	inches/s	Unknown	
1:35	May 29, 2003 8:46:25 pm	0.003	0.001	0.001	0.001	0.001	0.001	0.002	-0.003	-0.002	256.000	
1:36	May 29, 2003 8:46:26 pm	0.014	0.000	0.000	0.003	0.000	0.000	-0.010	0.000	-0.003	256.000	
1:37	May 29, 2003 8:46:28 pm	0.006	0.000	0.001	0.002	0.001	0.001	-0.005	-0.003	-0.003	256.000	
1:38	May 29, 2003 8:46:30 pm	0.005	0.000	0.002	0.002	0.000	0.001	-0.005	-0.003	-0.006	256.000	
1:39	May 29, 2003 8:46:31 pm	0.004	0.001	0.001	0.001	0.001	0.001	0.004	-0.003	-0.003	256.000	
1:40	May 29, 2003 8:46:33 pm	0.004	0.001	0.002	0.002	0.001	0.001	-0.002	-0.002	-0.005	256.000	
1:41	May 29, 2003 8:46:35 pm	0.008	0.002	0.000	0.002	0.001	0.000	-0.005	-0.002	-0.003	256.000	
1:42	May 29, 2003 8:46:36 pm	0.031	0.000	0.001	0.003	0.000	0.000	0.015	-0.003	-0.003	256.000	
1:43	May 29, 2003 8:46:38 pm	0.045	0.000	0.000	0.006	0.000	0.000	0.026	-0.003	-0.003	256.000	
1:44	May 29, 2003 8:46:40 pm	0.041	0.001	0.001	0.008	0.001	0.001	-0.025	-0.003	-0.005	256.000	
1:45	May 29, 2003 8:46:41 pm	0.036	0.000	0.001	0.006	0.000	0.001	0.023	-0.003	-0.003	256.000	
1:46	May 29, 2003 8:46:43 pm	0.048	0.001	0.001	0.006	0.001	0.001	0.033	-0.004	-0.003	256.000	
1:47	May 29, 2003 8:46:45 pm	0.045	0.001	0.001	0.006	0.001	0.001	0.027	-0.002	-0.003	256.000	
1:48	May 29, 2003 8:46:47 pm	0.002	0.001	0.000	0.001	0.001	0.000	-0.003	-0.002	-0.003	256.000	
1:49	May 29, 2003 8:46:49 pm	0.031	0.002	0.000	0.005	0.001	0.000	-0.021	0.003	-0.003	256.000	
1:50	May 29, 2003 8:46:51 pm	0.005	0.000	0.000	0.001	0.000	0.000	-0.003	-0.003	-0.003	256.000	
1:51	May 29, 2003 8:46:53 pm	0.006	0.001	0.001	0.001	0.001	0.001	0.005	-0.003	-0.003	256.000	
1:52	May 29, 2003 8:46:54 pm	0.002	0.001	0.001	0.001	0.000	0.001	0.001	-0.002	-0.003	256.000	
1:53	May 29, 2003 8:46:56 pm	0.002	0.002	0.000	0.001	0.001	0.000	-0.002	-0.005	-0.003	256.000	
1:54	May 29, 2003 8:46:57 pm	0.002	0.001	0.000	0.001	0.001	0.000	-0.002	-0.003	-0.003	256.000	
1:55	May 29, 2003 8:46:59 pm	0.002	0.001	0.001	0.001	0.001	0.001	-0.002	-0.005	-0.003	256.000	
1:56	May 29, 2003 8:47:01 pm	0.004	0.000	0.001	0.001	0.000	0.001	-0.003	-0.003	-0.003	256.000	
1:57	May 29, 2003 8:47:03 pm	0.002	0.001	0.001	0.001	0.001	0.001	-0.002	-0.003	-0.003	256.000	
1:58	May 29, 2003 8:47:05 pm	0.006	0.001	0.001	0.001	0.001	0.001	-0.003	-0.003	-0.006	256.000	
1:59	May 29, 2003 8:47:06 pm	0.002	0.000	0.001	0.001	0.000	0.001	-0.001	-0.003	-0.005	256.000	
1:60	May 29, 2003 8:47:08 pm	0.036	0.001	0.000	0.006	0.001	0.000	0.020	-0.003	-0.003	256.000	
1:61	May 29, 2003 8:47:10 pm	0.006	0.001	0.001	0.001	0.000	0.001	0.004	-0.002	-0.006	256.000	
1:62	May 29, 2003 8:47:11 pm	0.599	0.056	0.043	0.082	0.020	0.019	1.872	-0.561	-0.548	256.000	
E22 2: 1	May 29, 2003 8:58:43 pm	0.001	0.000	0.000	0.000	0.000	0.000	0.001	-0.004	-0.003	256.000	
2: 2	May 29, 2003 8:58:44 pm	0.005	0.000	0.000	0.001	0.001	0.000	-0.003	-0.003	-0.003	256.000	
2: 3	May 29, 2003 8:58:46 pm	0.012	0.000	0.001	0.002	0.000	0.001	0.009	-0.003	-0.006	256.000	
2: 4	May 29, 2003 8:58:48 pm	0.021	0.000	0.000	0.005	0.000	0.000	-0.023	-0.003	-0.003	256.000	
2: 5	May 29, 2003 8:58:49 pm	0.065	0.000	0.000	0.007	0.000	0.000	0.063	-0.003	-0.003	256.000	
2: 6	May 29, 2003 8:58:51 pm	0.014	0.000	0.000	0.005	0.000	0.000	-0.032	0.000	-0.003	256.000	

Event Table: V16b.udf EDR3C #0750 Acceleration

	Time of Event	Max X	Max Y	Max Z	RMS X	RMS Y	RMS Z	Velocity X	Velocity Y	Velocity Z	Samples	Comment
		g	g	g	g	g	g	inches/s	inches/s	inches/s	Unknown	
2: 7	May 29, 2003 8:58:52 pm	0.032	0.000	0.000	0.007	0.000	0.000	0.013	-0.003	-0.003	256.000	
2: 8	May 29, 2003 8:58:54 pm	0.029	0.000	0.000	0.005	0.000	0.000	0.026	-0.003	-0.003	256.000	
2: 9	May 29, 2003 8:58:55 pm	0.018	0.000	0.000	0.004	0.000	0.000	-0.016	-0.003	-0.003	256.000	
2:10	May 29, 2003 8:58:57 pm	0.031	0.000	0.000	0.007	0.000	0.000	0.029	-0.001	-0.003	256.000	
2:11	May 29, 2003 8:58:59 pm	0.020	0.000	0.000	0.007	0.001	0.000	-0.030	-0.003	-0.003	256.000	
2:12	May 29, 2003 8:59:00 pm	0.012	0.000	0.000	0.003	0.000	0.000	0.006	-0.003	-0.003	256.000	
2:13	May 29, 2003 8:59:01 pm	0.017	0.000	0.000	0.006	0.000	0.000	-0.027	-0.006	-0.003	256.000	
2:14	May 29, 2003 8:59:03 pm	0.014	0.000	0.000	0.002	0.000	0.000	0.015	-0.003	-0.003	256.000	
2:15	May 29, 2003 8:59:04 pm	0.022	0.001	0.000	0.006	0.001	0.000	-0.022	-0.003	-0.003	256.000	
2:16	May 29, 2003 8:59:06 pm	0.012	0.000	0.000	0.003	0.000	0.000	-0.039	-0.003	-0.003	256.000	
2:17	May 29, 2003 8:59:07 pm	0.029	0.000	0.001	0.005	0.000	0.001	0.022	-0.003	-0.003	256.000	
2:18	May 29, 2003 8:59:09 pm	0.027	0.001	0.000	0.006	0.001	0.000	0.024	-0.003	-0.003	256.000	
2:19	May 29, 2003 8:59:11 pm	0.008	0.000	0.000	0.002	0.000	0.000	0.006	-0.003	-0.003	256.000	
2:20	May 29, 2003 8:59:12 pm	0.010	0.000	0.000	0.002	0.000	0.000	0.009	-0.003	-0.003	256.000	
2:21	May 29, 2003 8:59:14 pm	0.002	0.000	0.001	0.001	0.000	0.001	0.003	-0.003	-0.003	256.000	
2:22	May 29, 2003 8:59:15 pm	0.002	0.000	0.000	0.001	0.000	0.000	0.002	-0.003	-0.003	256.000	
2:23	May 29, 2003 8:59:17 pm	0.002	0.000	0.000	0.001	0.000	0.001	-0.002	-0.003	-0.003	256.000	
2:24	May 29, 2003 8:59:18 pm	0.004	0.000	0.000	0.001	0.000	0.000	0.003	-0.003	-0.003	256.000	
2:25	May 29, 2003 8:59:19 pm	0.005	0.000	0.000	0.001	0.000	0.000	0.005	-0.003	-0.003	256.000	
2:26	May 29, 2003 8:59:21 pm	0.003	0.000	0.000	0.001	0.000	0.000	0.002	-0.003	-0.003	256.000	
2:27	May 29, 2003 8:59:22 pm	0.004	0.000	0.000	0.001	0.000	0.000	-0.004	-0.004	-0.003	256.000	
2:28	May 29, 2003 8:59:24 pm	0.004	0.000	0.000	0.001	0.000	0.000	-0.003	-0.004	-0.003	256.000	
2:29	May 29, 2003 8:59:25 pm	0.005	0.000	0.000	0.001	0.000	0.000	0.003	-0.003	-0.003	256.000	
2:30	May 29, 2003 8:59:27 pm	0.003	0.000	0.000	0.001	0.000	0.000	-0.003	-0.003	-0.003	256.000	
2:31	May 29, 2003 8:59:29 pm	0.004	0.000	0.000	0.001	0.000	0.000	0.003	-0.003	-0.003	256.000	
2:32	May 29, 2003 8:59:31 pm	0.002	0.000	0.000	0.001	0.000	0.000	-0.001	-0.003	-0.003	256.000	
2:33	May 29, 2003 8:59:32 pm	0.002	0.003	0.003	0.001	0.001	0.001	-0.003	0.033	0.013	256.000	

Event Table: V16a.udf EDR3C #0750 Acceleration

	Time of Event	Max X g	Max Y g	Max Z g	RMS X g	RMS Y g	RMS Z g	Velocity X inches/s	Velocity Y inches/s	Velocity Z inches/s	Comment
1: 1	May 29, 2003 10:42:20 am	0.022	0.001	0.000	0.007	0.001	0.000	0.051	-0.003	-0.003	
1: 2	May 29, 2003 10:42:22 am	0.018	0.001	0.001	0.007	0.001	0.001	-0.026	-0.003	-0.003	
1: 3	May 29, 2003 10:42:23 am	0.026	0.001	0.001	0.009	0.001	0.001	0.030	-0.003	-0.003	
1: 4	May 29, 2003 10:42:25 am	0.019	0.001	0.001	0.007	0.001	0.001	-0.033	-0.005	-0.003	
1: 5	May 29, 2003 10:42:26 am	0.007	0.001	0.001	0.003	0.001	0.001	-0.011	-0.003	-0.003	
1: 6	May 29, 2003 10:42:28 am	0.008	0.001	0.000	0.002	0.001	0.000	0.008	-0.003	-0.003	
1: 7	May 29, 2003 10:42:30 am	0.008	0.000	0.000	0.002	0.001	0.000	-0.004	-0.003	-0.003	
1: 8	May 29, 2003 10:42:31 am	0.007	0.002	0.001	0.002	0.001	0.000	0.005	-0.003	-0.003	
1: 9	May 29, 2003 10:42:33 am	0.008	0.001	0.001	0.002	0.001	0.001	0.006	-0.003	-0.003	
1:10	May 29, 2003 10:42:34 am	0.006	0.001	0.001	0.002	0.000	0.001	-0.004	-0.003	-0.006	
1:11	May 29, 2003 10:42:36 am	0.007	0.001	0.001	0.002	0.001	0.001	-0.010	-0.003	-0.003	
1:12	May 29, 2003 10:42:38 am	0.007	0.000	0.000	0.002	0.001	0.000	0.004	-0.003	-0.002	
1:13	May 29, 2003 10:42:39 am	0.004	0.000	0.001	0.002	0.000	0.001	-0.010	-0.003	-0.003	
1:14	May 29, 2003 10:42:41 am	0.005	0.001	0.000	0.002	0.001	0.000	0.005	-0.003	-0.006	
1:15	May 29, 2003 10:42:42 am	0.004	0.001	0.001	0.001	0.001	0.001	0.006	-0.003	-0.003	
1:16	May 29, 2003 10:42:44 am	0.003	0.001	0.001	0.001	0.000	0.001	0.005	-0.003	-0.003	
1:17	May 29, 2003 10:42:45 am	0.001	0.002	0.001	0.000	0.001	0.001	0.002	-0.003	-0.003	
1:18	May 29, 2003 10:42:47 am	0.001	0.002	0.002	0.000	0.001	0.001	0.002	0.003	0.004	
1:19	May 29, 2003 10:42:49 am	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.004	0.003	
1:20	May 29, 2003 10:43:15 am	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.003	0.003	
1:21	May 29, 2003 10:43:26 am	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.004	0.003	
1:22	May 29, 2003 10:43:31 am	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.007	0.003	
1:23	May 29, 2003 10:43:41 am	0.001	0.000	0.000	0.000	0.000	0.000	0.003	-0.003	-0.003	
4: 1	May 29, 2003 10:53:28 am	0.022	0.003	0.001	0.009	0.001	0.001	-0.029	-0.010	-0.009	
4: 2	May 29, 2003 10:53:29 am	0.032	0.013	0.008	0.012	0.003	0.003	0.046	-0.079	-0.076	
4: 3	May 29, 2003 10:53:31 am	0.015	0.001	0.001	0.006	0.000	0.000	-0.025	-0.003	-0.003	
4: 4	May 29, 2003 10:53:32 am	0.005	0.000	0.000	0.001	0.000	0.000	0.006	0.000	-0.003	
4: 5	May 29, 2003 10:53:34 am	0.001	0.000	0.000	0.000	0.000	0.000	-0.002	-0.003	-0.003	
4: 6	May 29, 2003 10:53:36 am	0.000	0.002	0.002	0.000	0.001	0.001	0.000	-0.007	-0.004	
4: 7	May 29, 2003 10:53:45 am	0.000	0.002	0.001	0.000	0.001	0.001	0.003	0.002	-0.003	
4: 8	May 29, 2003 10:53:48 am	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.003	0.008	
4: 9	May 29, 2003 10:53:56 am	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.003	0.008	
4:10	May 29, 2003 10:54:01 am	0.001	0.002	0.002	0.000	0.001	0.001	-0.002	0.006	0.003	
4:11	May 29, 2003 10:54:13 am	0.001	0.002	0.002	0.000	0.001	0.001	-0.002	0.003	0.003	

Event Table: V16a.udf EDR3C #0750 Acceleration

	Time of Event	Max X g	Max Y g	Max Z g	RMS X g	RMS Y g	RMS Z g	Velocity X inches/s	Velocity Y inches/s	Velocity Z inches/s	Comment
6: 1	May 29, 2003 11:49:40 am	0.001	0.002	0.002	0.000	0.001	0.001	0.003	0.003	-0.004	
6: 2	May 29, 2003 11:49:42 am	0.001	0.002	0.001	0.000	0.001	0.001	-0.003	0.003	-0.002	
6: 3	May 29, 2003 11:49:44 am	0.001	0.001	0.001	0.000	0.001	0.001	0.002	-0.003	-0.006	
6: 4	May 29, 2003 11:49:46 am	0.001	0.002	0.002	0.000	0.001	0.001	0.002	0.002	-0.007	
6: 5	May 29, 2003 11:49:48 am	0.001	0.001	0.000	0.000	0.001	0.000	-0.003	-0.003	-0.003	
6: 6	May 29, 2003 11:49:50 am	0.001	0.000	0.000	0.000	0.001	0.000	-0.003	-0.003	-0.003	
6: 7	May 29, 2003 11:49:52 am	0.001	0.002	0.001	0.000	0.001	0.001	0.003	-0.002	-0.002	
6: 8	May 29, 2003 11:49:54 am	0.001	0.002	0.001	0.000	0.001	0.001	0.003	0.005	-0.003	
6: 9	May 29, 2003 11:49:56 am	0.001	0.002	0.001	0.000	0.001	0.001	-0.003	0.003	-0.006	
6:10	May 29, 2003 11:49:57 am	0.001	0.002	0.002	0.000	0.001	0.001	-0.007	0.003	0.002	
6:11	May 29, 2003 11:49:59 am	0.000	0.002	0.002	0.000	0.001	0.001	-0.001	0.003	0.002	
6:12	May 29, 2003 11:50:01 am	0.002	0.002	0.001	0.000	0.001	0.001	-0.010	0.003	-0.011	
6:13	May 29, 2003 11:50:03 am	0.001	0.002	0.001	0.000	0.001	0.001	-0.003	-0.006	-0.003	
6:14	May 29, 2003 11:50:05 am	0.001	0.001	0.000	0.000	0.001	0.000	0.003	-0.003	-0.003	
6:15	May 29, 2003 11:50:07 am	0.000	0.002	0.001	0.000	0.001	0.001	-0.002	-0.003	-0.006	
6:16	May 29, 2003 11:50:09 am	0.001	0.001	0.001	0.000	0.001	0.001	0.001	-0.002	-0.003	
6:17	May 29, 2003 11:50:11 am	0.001	0.002	0.001	0.000	0.001	0.001	0.002	0.002	-0.003	
6:18	May 29, 2003 11:50:13 am	0.001	0.002	0.001	0.000	0.001	0.001	0.002	-0.004	-0.003	
6:19	May 29, 2003 11:50:15 am	0.001	0.001	0.000	0.000	0.001	0.000	0.002	-0.003	-0.003	
6:20	May 29, 2003 11:50:16 am	0.000	0.002	0.002	0.000	0.001	0.001	-0.002	0.003	0.001	
6:21	May 29, 2003 11:50:19 am	0.001	0.001	0.000	0.000	0.001	0.000	0.004	-0.003	-0.003	
6:22	May 29, 2003 11:50:21 am	0.000	0.000	0.000	0.000	0.001	0.000	0.000	-0.003	-0.003	
6:23	May 29, 2003 11:50:23 am	0.001	0.002	0.002	0.000	0.001	0.001	0.002	0.004	-0.006	
6:24	May 29, 2003 11:50:25 am	0.001	0.001	0.000	0.000	0.001	0.000	0.002	-0.005	-0.003	
7: 1	May 29, 2003 12:05:27 pm	0.001	0.002	0.001	0.000	0.001	0.001	-0.002	0.003	-0.008	
7: 2	May 29, 2003 12:05:29 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.002	0.002	0.002	
7: 3	May 29, 2003 12:05:31 pm	0.001	0.001	0.002	0.000	0.001	0.001	-0.002	-0.003	0.003	
7: 4	May 29, 2003 12:05:33 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.003	0.004	0.005	
7: 5	May 29, 2003 12:05:35 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.003	-0.002	-0.003	
7: 6	May 29, 2003 12:05:37 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.003	0.003	-0.004	
7: 7	May 29, 2003 12:05:39 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.004	0.003	-0.009	
7: 8	May 29, 2003 12:05:41 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.003	0.003	0.004	
7: 9	May 29, 2003 12:05:43 pm	0.001	0.002	0.001	0.000	0.001	0.001	-0.002	0.002	-0.005	
7:10	May 29, 2003 12:05:45 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.003	-0.006	0.002	

Event Table: V16a.udf EDR3C #0750 Acceleration

	Time of Event	Max X g	Max Y g	Max Z g	RMS X g	RMS Y g	RMS Z g	Velocity X inches/s	Velocity Y inches/s	Velocity Z inches/s	Comment
7:11	May 29, 2003 12:05:47 pm	0.001	0.000	0.000	0.000	0.000	0.000	0.003	-0.003	-0.003	
7:12	May 29, 2003 12:05:48 pm	0.002	0.000	0.000	0.000	0.001	0.000	-0.003	-0.003	-0.003	
7:13	May 29, 2003 12:05:50 pm	0.001	0.000	0.000	0.000	0.000	0.000	0.000	-0.003	-0.003	
7:14	May 29, 2003 12:05:52 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.002	0.005	-0.004	
7:15	May 29, 2003 12:05:55 pm	0.001	0.001	0.000	0.000	0.000	0.000	0.001	-0.003	-0.004	
7:16	May 29, 2003 12:05:56 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.002	-0.005	-0.002	
7:17	May 29, 2003 12:05:59 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.002	0.003	
7:18	May 29, 2003 12:06:00 pm	0.001	0.002	0.001	0.000	0.001	0.001	-0.001	0.005	-0.002	
7:19	May 29, 2003 12:06:03 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.002	0.002	
7:20	May 29, 2003 12:06:05 pm	0.001	0.001	0.000	0.000	0.001	0.000	0.003	-0.003	-0.003	
7:21	May 29, 2003 12:06:07 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.001	0.003	0.003	
7:22	May 29, 2003 12:06:09 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.002	0.003	0.004	
7:23	May 29, 2003 12:06:11 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.003	0.001	
7:24	May 29, 2003 12:06:13 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.001	0.003	-0.004	
7:25	May 29, 2003 12:06:16 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.002	0.004	-0.008	
7:26	May 29, 2003 12:06:18 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.002	0.006	-0.004	
7:27	May 29, 2003 12:06:21 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.002	0.003	-0.004	
7:28	May 29, 2003 12:06:23 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.002	0.003	-0.004	
7:29	May 29, 2003 12:06:25 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.003	0.003	-0.002	
7:30	May 29, 2003 12:06:27 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.001	0.002	-0.002	
7:31	May 29, 2003 12:06:30 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.001	0.003	0.004	
7:32	May 29, 2003 12:06:32 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.002	0.003	-0.003	
7:33	May 29, 2003 12:06:34 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.003	0.012	
7:34	May 29, 2003 12:06:37 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.002	0.003	-0.002	
7:35	May 29, 2003 12:06:39 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.004	0.003	-0.003	
7:36	May 29, 2003 12:06:41 pm	0.001	0.001	0.001	0.000	0.001	0.001	-0.001	-0.003	-0.003	
7:37	May 29, 2003 12:06:43 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.002	0.003	0.002	
7:38	May 29, 2003 12:06:45 pm	0.001	0.000	0.000	0.000	0.000	0.000	-0.003	-0.003	-0.003	
7:39	May 29, 2003 12:06:47 pm	0.001	0.001	0.000	0.000	0.001	0.001	-0.002	-0.003	-0.003	
7:40	May 29, 2003 12:06:49 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.003	0.003	-0.002	
7:41	May 29, 2003 12:06:51 pm	0.003	0.000	0.000	0.001	0.000	0.001	0.006	-0.003	-0.003	
7:42	May 29, 2003 12:06:53 pm	0.003	0.000	0.000	0.001	0.000	0.001	-0.006	-0.003	-0.003	
7:43	May 29, 2003 12:06:55 pm	0.003	0.001	0.001	0.001	0.001	0.001	-0.007	-0.003	-0.003	
7:44	May 29, 2003 12:06:56 pm	0.002	0.000	0.000	0.001	0.000	0.000	-0.003	-0.003	-0.003	

Event Table: V16a.udf EDR3C #0750 Acceleration

	Time of Event	Max X g	Max Y g	Max Z g	RMS X g	RMS Y g	RMS Z g	Velocity X inches/s	Velocity Y inches/s	Velocity Z inches/s	Comment
7:45	May 29, 2003 12:06:58 pm	0.002	0.000	0.000	0.001	0.000	0.000	0.002	-0.003	-0.003	
7:46	May 29, 2003 12:07:00 pm	0.001	0.000	0.000	0.000	0.000	0.000	-0.003	-0.003	-0.003	
7:47	May 29, 2003 12:07:01 pm	0.001	0.000	0.001	0.000	0.000	0.001	-0.002	-0.003	-0.003	
7:48	May 29, 2003 12:07:03 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.002	0.005	-0.003	
7:49	May 29, 2003 12:07:05 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.002	0.003	0.002	
7:50	May 29, 2003 12:07:08 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.003	0.002	
7:51	May 29, 2003 12:07:10 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.001	0.003	-0.005	
7:52	May 29, 2003 12:07:13 pm	0.001	0.002	0.001	0.000	0.001	0.001	-0.002	0.006	-0.006	
7:53	May 29, 2003 12:07:15 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.002	0.006	0.005	
7:54	May 29, 2003 12:07:17 pm	0.000	0.001	0.001	0.000	0.001	0.001	0.002	-0.003	-0.003	
7:55	May 29, 2003 12:07:20 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.002	0.006	
7:56	May 29, 2003 12:07:22 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.006	0.002	
7:57	May 29, 2003 12:07:24 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.003	-0.004	
7:58	May 29, 2003 12:07:27 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.003	-0.002	
7:59	May 29, 2003 12:07:29 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.003	0.003	
7:60	May 29, 2003 12:07:32 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.002	0.003	0.001	
7:61	May 29, 2003 12:07:34 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.005	0.003	
7:62	May 29, 2003 12:07:37 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.002	0.006	-0.002	
7:63	May 29, 2003 12:07:40 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.002	0.012	-0.006	
7:64	May 29, 2003 12:07:42 pm	0.001	0.002	0.001	0.000	0.001	0.001	-0.003	0.006	-0.003	
7:65	May 29, 2003 12:07:44 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.002	0.003	0.003	
7:66	May 29, 2003 12:07:46 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.002	0.002	0.005	
7:67	May 29, 2003 12:07:49 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.001	0.003	-0.005	
7:68	May 29, 2003 12:07:52 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.002	0.006	-0.009	
7:69	May 29, 2003 12:07:55 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.001	0.004	0.002	
7:70	May 29, 2003 12:07:59 pm	0.000	0.002	0.001	0.000	0.001	0.001	-0.001	0.003	-0.003	
7:71	May 29, 2003 12:08:01 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.001	0.003	0.004	
7:72	May 29, 2003 12:08:04 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.002	0.002	0.002	
7:73	May 29, 2003 12:08:07 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.002	0.005	0.007	
7:74	May 29, 2003 12:08:13 pm	0.000	0.002	0.001	0.000	0.001	0.001	-0.001	0.003	-0.002	
7:75	May 29, 2003 12:08:17 pm	0.000	0.002	0.001	0.000	0.001	0.001	-0.002	0.003	-0.003	
7:76	May 29, 2003 12:08:22 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.001	0.003	0.006	
7:77	May 29, 2003 12:08:28 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.001	0.003	0.007	
7:78	May 29, 2003 12:08:35 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.001	0.005	0.005	

Event Table: V16a.udf EDR3C #0750 Acceleration

	Time of Event	Max X g	Max Y g	Max Z g	RMS X g	RMS Y g	RMS Z g	Velocity X inches/s	Velocity Y inches/s	Velocity Z inches/s	Comment
7:79	May 29, 2003 12:08:45 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.001	0.003	-0.001	
7:80	May 29, 2003 12:08:50 pm	0.000	0.001	0.001	0.000	0.001	0.001	0.001	0.005	-0.002	
7:81	May 29, 2003 12:08:54 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.002	0.002	0.003	
7:82	May 29, 2003 12:08:57 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.001	0.005	0.003	
8: 1	May 29, 2003 12:25:22 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.003	-0.003	
8: 2	May 29, 2003 12:25:53 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.005	0.002	
8: 3	May 29, 2003 12:25:57 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.003	-0.002	
8: 4	May 29, 2003 12:26:00 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.004	0.001	
8: 5	May 29, 2003 12:26:03 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.001	0.005	0.009	
8: 6	May 29, 2003 12:26:05 pm	0.002	0.002	0.002	0.001	0.001	0.001	-0.002	0.004	0.005	
8: 7	May 29, 2003 12:26:07 pm	0.002	0.002	0.001	0.000	0.001	0.001	-0.002	0.003	-0.003	
8: 8	May 29, 2003 12:26:09 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.004	0.002	
8: 9	May 29, 2003 12:26:12 pm	0.000	0.002	0.001	0.000	0.001	0.001	-0.001	0.004	-0.003	
8:10	May 29, 2003 12:26:14 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.004	-0.003	
8:11	May 29, 2003 12:26:17 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.003	-0.002	
8:12	May 29, 2003 12:26:19 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.004	-0.006	
8:13	May 29, 2003 12:26:22 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.004	-0.003	
8:14	May 29, 2003 12:26:25 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.004	-0.003	
8:15	May 29, 2003 12:26:27 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.007	-0.002	
8:16	May 29, 2003 12:26:30 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.004	-0.003	
8:17	May 29, 2003 12:26:32 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.002	-0.003	
8:18	May 29, 2003 12:26:35 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.004	-0.003	
8:19	May 29, 2003 12:26:37 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.006	-0.003	
8:20	May 29, 2003 12:26:40 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.004	-0.003	
8:21	May 29, 2003 12:26:42 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.004	-0.003	
8:22	May 29, 2003 12:26:45 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.001	0.003	-0.004	
8:23	May 29, 2003 12:26:47 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.004	0.003	
8:24	May 29, 2003 12:26:50 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.003	-0.002	
8:25	May 29, 2003 12:26:52 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.004	0.002	
8:26	May 29, 2003 12:26:55 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.004	-0.003	
8:27	May 29, 2003 12:26:57 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.004	-0.003	
8:28	May 29, 2003 12:26:59 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.004	-0.002	
8:29	May 29, 2003 12:27:02 pm	0.000	0.003	0.002	0.000	0.001	0.001	0.000	0.015	-0.003	
8:30	May 29, 2003 12:27:04 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.003	0.003	

Event Table: V16a.udf EDR3C #0750 Acceleration

	Time of Event	Max X g	Max Y g	Max Z g	RMS X g	RMS Y g	RMS Z g	Velocity X inches/s	Velocity Y inches/s	Velocity Z inches/s	Comment
8:31	May 29, 2003 12:27:07 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.001	0.004	-0.005	
8:32	May 29, 2003 12:27:09 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.001	0.007	-0.002	
8:33	May 29, 2003 12:27:12 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.001	0.005	-0.003	
8:34	May 29, 2003 12:27:15 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.008	-0.002	
8:35	May 29, 2003 12:27:17 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.008	-0.003	
8:36	May 29, 2003 12:27:20 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.006	0.007	
8:37	May 29, 2003 12:27:22 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.003	-0.003	
8:38	May 29, 2003 12:27:24 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.001	0.003	-0.004	
8:39	May 29, 2003 12:27:26 pm	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	-0.003	-0.003	
8:40	May 29, 2003 12:27:28 pm	0.000	0.002	0.001	0.000	0.001	0.001	-0.001	0.003	-0.007	
8:41	May 29, 2003 12:27:30 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.001	0.003	-0.005	
8:42	May 29, 2003 12:27:33 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.004	-0.008	
10: 1	May 29, 2003 1:19:24 pm	0.001	0.002	0.001	0.000	0.000	0.001	0.004	0.003	-0.003	
10: 2	May 29, 2003 1:19:26 pm	0.000	0.002	0.001	0.000	0.001	0.001	-0.001	0.003	-0.007	
10: 3	May 29, 2003 1:19:28 pm	0.001	0.000	0.000	0.000	0.000	0.000	0.003	-0.003	-0.003	
10: 4	May 29, 2003 1:19:30 pm	0.000	0.001	0.000	0.000	0.001	0.000	-0.001	-0.003	-0.003	
10: 5	May 29, 2003 1:19:32 pm	0.000	0.002	0.000	0.000	0.001	0.000	0.001	-0.003	-0.003	
10: 6	May 29, 2003 1:19:34 pm	0.000	0.001	0.000	0.000	0.001	0.000	0.001	-0.003	0.000	
10: 7	May 29, 2003 1:19:36 pm	0.000	0.001	0.000	0.000	0.001	0.000	-0.001	-0.003	-0.003	
10: 8	May 29, 2003 1:21:05 pm	0.001	0.000	0.000	0.000	0.000	0.000	0.001	-0.004	-0.003	
10: 9	May 29, 2003 1:21:08 pm	0.001	0.001	0.000	0.000	0.000	0.000	-0.002	-0.003	-0.003	
10:10	May 29, 2003 1:21:10 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.003	0.003	-0.003	
10:11	May 29, 2003 1:21:12 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.002	0.003	-0.003	
10:12	May 29, 2003 1:21:13 pm	0.001	0.001	0.000	0.000	0.001	0.000	-0.002	-0.003	-0.003	
10:13	May 29, 2003 1:21:15 pm	0.001	0.001	0.001	0.000	0.001	0.001	0.002	-0.003	-0.009	
10:14	May 29, 2003 1:21:17 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.004	0.003	0.005	
10:15	May 29, 2003 1:21:19 pm	0.001	0.001	0.001	0.000	0.001	0.001	0.002	-0.006	-0.003	
10:16	May 29, 2003 1:21:21 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.002	0.003	-0.002	
10:17	May 29, 2003 1:21:23 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.001	0.005	0.004	
10:18	May 29, 2003 1:21:25 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.002	-0.003	-0.003	
10:19	May 29, 2003 1:21:27 pm	0.001	0.000	0.000	0.000	0.000	0.000	0.002	-0.003	-0.003	
10:20	May 29, 2003 1:21:29 pm	0.001	0.001	0.000	0.000	0.001	0.000	0.002	-0.003	-0.003	
10:21	May 29, 2003 1:21:31 pm	0.001	0.001	0.001	0.000	0.001	0.001	0.003	-0.003	-0.003	
10:22	May 29, 2003 1:21:33 pm	0.001	0.001	0.001	0.000	0.001	0.001	0.003	-0.003	-0.003	

Event Table: V16a.udf EDR3C #0750 Acceleration

	Time of Event	Max X	Max Y	Max Z	RMS X	RMS Y	RMS Z	Velocity X	Velocity Y	Velocity Z	Comment
		g	g	g	g	g	g	inches/s	inches/s	inches/s	
10:23	May 29, 2003 1:21:34 pm	0.001	0.001	0.001	0.000	0.001	0.001	-0.004	-0.003	-0.003	
10:24	May 29, 2003 1:21:36 pm	0.001	0.000	0.000	0.000	0.000	0.000	-0.003	-0.003	-0.003	
10:25	May 29, 2003 1:21:38 pm	0.002	0.001	0.000	0.001	0.001	0.000	0.021	-0.008	-0.003	
10:26	May 29, 2003 1:21:40 pm	0.001	0.000	0.000	0.000	0.001	0.000	-0.009	-0.003	-0.003	
10:27	May 29, 2003 1:21:42 pm	0.005	0.000	0.000	0.002	0.000	0.000	-0.057	-0.003	-0.003	
10:28	May 29, 2003 1:21:44 pm	0.002	0.000	0.000	0.001	0.000	0.000	-0.019	0.000	-0.003	
10:29	May 29, 2003 1:21:46 pm	0.001	0.000	0.000	0.001	0.000	0.000	-0.021	-0.003	-0.003	
10:30	May 29, 2003 1:21:48 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.003	0.003	-0.002	
10:31	May 29, 2003 1:21:49 pm	0.001	0.000	0.000	0.000	0.000	0.000	-0.001	-0.003	-0.003	
12: 1	May 29, 2003 1:42:50 pm	0.000	0.002	0.002	0.000	0.001	0.001	-0.001	0.003	-0.007	
13: 1	May 29, 2003 2:26:40 pm	0.000	0.000	0.002	0.000	0.000	0.001	0.000	-0.001	0.003	
13: 2	May 29, 2003 2:26:52 pm	0.000	0.001	0.000	0.000	0.001	0.000	-0.001	-0.004	-0.002	
13: 3	May 29, 2003 2:26:54 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.003	0.002	
13: 4	May 29, 2003 2:26:56 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.003	0.003	
13: 5	May 29, 2003 2:26:59 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.001	0.004	0.002	
13: 6	May 29, 2003 2:27:01 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.003	-0.003	
13: 7	May 29, 2003 2:27:04 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.007	0.007	
15: 1	May 29, 2003 2:44:14 pm	0.000	0.007	0.006	0.000	0.002	0.002	-0.001	0.028	0.036	
18: 1	May 29, 2003 4:29:00 pm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.003	
18: 2	May 29, 2003 4:29:07 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.006	0.006	0.005	
18: 3	May 29, 2003 4:29:09 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.006	0.010	0.002	
18: 4	May 29, 2003 4:29:11 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.005	0.003	0.008	
18: 5	May 29, 2003 4:29:48 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.004	0.003	0.002	
18: 6	May 29, 2003 4:29:55 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.006	-0.002	0.003	
18: 7	May 29, 2003 4:29:58 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.002	0.003	0.009	
18: 8	May 29, 2003 4:29:59 pm	0.001	0.001	0.001	0.000	0.001	0.001	-0.007	-0.003	-0.003	
18: 9	May 29, 2003 4:30:02 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.008	0.002	0.003	
18:10	May 29, 2003 4:30:05 pm	0.001	0.002	0.002	0.001	0.001	0.001	0.012	0.003	0.003	
18:11	May 29, 2003 4:30:06 pm	0.001	0.001	0.001	0.000	0.001	0.001	0.010	-0.003	-0.003	
18:12	May 29, 2003 4:30:08 pm	0.001	0.000	0.001	0.000	0.000	0.001	-0.006	-0.003	-0.003	
18:13	May 29, 2003 4:30:10 pm	0.001	0.002	0.002	0.001	0.001	0.001	0.012	0.003	0.003	
18:14	May 29, 2003 4:30:13 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.005	0.003	0.003	
18:15	May 29, 2003 4:30:15 pm	0.001	0.000	0.000	0.000	0.000	0.000	0.011	-0.003	-0.003	
18:16	May 29, 2003 4:31:25 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.005	0.003	0.003	

Event Table: V16a.udf EDR3C #0750 Acceleration

	Time of Event	Max X g	Max Y g	Max Z g	RMS X g	RMS Y g	RMS Z g	Velocity X inches/s	Velocity Y inches/s	Velocity Z inches/s	Comment
18:17	May 29, 2003 4:31:29 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.011	0.004	0.003	
20: 1	May 29, 2003 7:46:43 pm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.003	
20: 2	May 29, 2003 7:49:37 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.002	-0.005	0.006	
20: 3	May 29, 2003 7:49:39 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.003	0.002	0.003	
20: 4	May 29, 2003 7:49:41 pm	0.002	0.002	0.002	0.000	0.001	0.001	0.007	-0.002	0.003	
20: 5	May 29, 2003 7:49:43 pm	0.002	0.001	0.001	0.000	0.001	0.001	0.007	-0.011	-0.003	
20: 6	May 29, 2003 7:49:45 pm	0.003	0.002	0.002	0.000	0.001	0.001	0.007	-0.004	0.005	
20: 7	May 29, 2003 7:49:46 pm	0.002	0.000	0.000	0.000	0.000	0.000	0.004	-0.001	-0.003	
20: 8	May 29, 2003 7:49:47 pm	0.003	0.001	0.001	0.000	0.001	0.001	0.009	-0.012	-0.002	
20: 9	May 29, 2003 7:49:49 pm	0.006	0.000	0.000	0.001	0.000	0.000	0.014	-0.003	-0.003	
20:10	May 29, 2003 7:49:51 pm	0.008	0.001	0.002	0.001	0.001	0.001	0.023	-0.003	0.006	
20:11	May 29, 2003 7:49:52 pm	0.007	0.001	0.001	0.001	0.001	0.001	0.015	-0.003	-0.006	
20:12	May 29, 2003 7:49:54 pm	0.008	0.000	0.000	0.001	0.000	0.000	0.018	-0.006	-0.003	
20:13	May 29, 2003 7:52:00 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	-0.008	0.002	
20:14	May 29, 2003 7:52:08 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.001	0.003	-0.003	
20:15	May 29, 2003 7:52:11 pm	0.002	0.002	0.001	0.000	0.001	0.001	0.004	0.004	-0.009	
20:16	May 29, 2003 7:52:14 pm	0.002	0.002	0.002	0.000	0.001	0.001	0.005	0.003	0.003	
20:17	May 29, 2003 7:52:17 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.003	0.003	-0.002	
20:18	May 29, 2003 7:52:20 pm	0.002	0.002	0.002	0.000	0.001	0.001	0.004	-0.002	0.002	
20:19	May 29, 2003 7:52:23 pm	0.002	0.001	0.002	0.000	0.001	0.001	0.004	-0.005	-0.004	
20:20	May 29, 2003 7:52:26 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.003	-0.002	0.003	
20:21	May 29, 2003 7:52:29 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.003	0.004	-0.010	
20:22	May 29, 2003 7:52:32 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.002	-0.002	-0.008	
20:23	May 29, 2003 7:52:36 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	-0.005	0.003	
20:24	May 29, 2003 7:52:52 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.004	-0.005	
20:25	May 29, 2003 7:53:46 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.001	0.003	-0.003	
20:26	May 29, 2003 7:53:49 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	-0.002	0.002	
20:27	May 29, 2003 7:53:53 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.000	0.005	-0.003	
20:28	May 29, 2003 7:53:56 pm	0.002	0.002	0.002	0.001	0.001	0.001	-0.009	0.008	0.002	
20:29	May 29, 2003 7:54:07 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.024	0.004	-0.005	
20:30	May 29, 2003 7:54:20 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.002	0.009	
20:31	May 29, 2003 7:54:23 pm	0.001	0.001	0.002	0.000	0.001	0.001	-0.001	-0.002	0.003	
20:32	May 29, 2003 7:54:38 pm	0.001	0.002	0.002	0.000	0.001	0.001	-0.027	-0.007	0.003	
20:33	May 29, 2003 7:54:43 pm	0.001	0.002	0.001	0.000	0.001	0.001	0.023	0.006	-0.005	

Event Table: V16a.udf EDR3C #0750 Acceleration

	Time of Event	Max X g	Max Y g	Max Z g	RMS X g	RMS Y g	RMS Z g	Velocity X inches/s	Velocity Y inches/s	Velocity Z inches/s	Comment
21: 1	May 29, 2003 8:26:51 pm	0.000	0.032	0.028	0.000	0.006	0.005	-0.001	0.061	0.061	
21: 2	May 29, 2003 8:29:40 pm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	
21: 3	May 29, 2003 8:31:23 pm	0.002	0.002	0.002	0.001	0.001	0.001	-0.003	0.003	0.003	
21: 4	May 29, 2003 8:31:25 pm	0.005	0.000	0.001	0.001	0.000	0.001	0.005	-0.003	-0.003	
21: 5	May 29, 2003 8:31:27 pm	0.003	0.001	0.001	0.001	0.001	0.001	0.001	-0.003	-0.003	
21: 6	May 29, 2003 8:31:28 pm	0.003	0.001	0.001	0.001	0.001	0.001	-0.003	-0.003	-0.006	
21: 7	May 29, 2003 8:31:30 pm	0.004	0.001	0.001	0.001	0.001	0.001	0.003	-0.003	-0.006	
21: 8	May 29, 2003 8:31:32 pm	0.003	0.000	0.001	0.001	0.000	0.001	-0.005	-0.003	-0.003	
21: 9	May 29, 2003 8:31:33 pm	0.004	0.001	0.001	0.001	0.001	0.001	-0.005	-0.003	-0.003	
21:10	May 29, 2003 8:31:35 pm	0.003	0.001	0.002	0.001	0.001	0.001	-0.004	-0.003	-0.002	
21:11	May 29, 2003 8:31:36 pm	0.003	0.002	0.002	0.001	0.001	0.001	0.003	0.010	-0.005	
21:12	May 29, 2003 8:31:38 pm	0.003	0.001	0.001	0.001	0.001	0.001	-0.003	-0.009	-0.002	
21:13	May 29, 2003 8:31:40 pm	0.004	0.001	0.002	0.001	0.001	0.001	0.002	-0.003	-0.007	
21:14	May 29, 2003 8:31:41 pm	0.003	0.002	0.002	0.001	0.001	0.001	0.002	0.003	0.003	
21:15	May 29, 2003 8:31:46 pm	0.000	0.002	0.001	0.000	0.001	0.001	0.000	0.006	-0.005	
21:16	May 29, 2003 8:34:26 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.003	0.002	
21:17	May 29, 2003 8:34:48 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.001	0.002	0.003	
21:18	May 29, 2003 8:34:50 pm	0.002	0.001	0.001	0.000	0.001	0.001	-0.002	-0.003	-0.006	
21:19	May 29, 2003 8:34:52 pm	0.002	0.002	0.002	0.000	0.001	0.001	-0.003	0.003	-0.002	
21:20	May 29, 2003 8:34:53 pm	0.003	0.001	0.001	0.001	0.001	0.000	0.002	-0.003	-0.003	
21:21	May 29, 2003 8:34:55 pm	0.004	0.002	0.002	0.001	0.001	0.001	0.005	0.004	-0.004	
21:22	May 29, 2003 8:34:56 pm	0.001	0.002	0.001	0.000	0.001	0.001	-0.001	0.002	-0.008	
21:23	May 29, 2003 8:34:58 pm	0.003	0.001	0.001	0.001	0.001	0.001	0.002	-0.003	-0.002	
21:24	May 29, 2003 8:35:00 pm	0.002	0.002	0.002	0.001	0.001	0.001	-0.002	0.003	0.002	
21:25	May 29, 2003 8:35:02 pm	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.005	-0.008	
21:26	May 29, 2003 8:35:03 pm	0.002	0.000	0.000	0.001	0.000	0.000	-0.003	-0.003	-0.003	
21:27	May 29, 2003 8:35:05 pm	0.004	0.002	0.001	0.001	0.001	0.001	0.001	0.002	-0.003	
21:28	May 29, 2003 8:35:06 pm	0.003	0.002	0.001	0.001	0.001	0.001	0.001	-0.002	-0.002	
21:29	May 29, 2003 8:35:07 pm	0.004	0.000	0.000	0.001	0.000	0.000	0.003	-0.003	-0.003	
21:30	May 29, 2003 8:35:09 pm	0.004	0.001	0.001	0.001	0.001	0.001	0.002	-0.003	-0.002	
21:31	May 29, 2003 8:35:11 pm	0.003	0.002	0.001	0.001	0.001	0.001	0.001	0.003	-0.001	
21:32	May 29, 2003 8:35:12 pm	0.003	0.002	0.002	0.001	0.001	0.001	-0.003	0.007	0.008	
21:33	May 29, 2003 8:35:14 pm	0.001	0.002	0.002	0.000	0.001	0.001	0.000	0.006	0.006	
21:34	May 29, 2003 8:35:19 pm	0.000	0.002	0.002	0.000	0.001	0.001	0.000	0.004	0.003	

3: MAP OF NOISE ATTENUATION SITES

W 39TH ST
W 38TH ST
W 37TH ST
W 36TH ST
W 35TH ST
W 34TH ST
W 33RD ST
W 31ST ST
W 30TH ST
ELEVENTH AVE
TENTH AVE
NINTH AVE
EIGHTH AVE
737
710
736
762
709
735
30
64
66
4
3
761
708
66
734
73
76
77
4
3
760
707
733
1
1
759
706
36
35
72
73
7
732
16
25
758
705
65
60
58
50
731
1
66
757
704
729
755
702
728
4
754

4: DOCUMENTATION OF EXISTING RESIDENTIAL AND COMMUNITY FACILITY BUILDINGS

Block 1032 - Lot 1.JPG

Block 1032 - Lot 5,101.JPG

Block 1032 - Lot 54.JPG

Block 1032 - Lot 61.JPG

Block 1032 - Lot 7.JPG

Block 1032 - Lots 4, 63,64,102, 103.JPG

Block 1032 - Lots 5,57,58.JPG

Block 1033 - Lot 1.JPG

Block 1033 - Lot 49.JPG

Block 1033 - Lot 9.JPG

Block 1033 - Lots 17 - 22.JPG

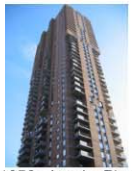
Block 1050 - Lot 29.JPG

Block 1050 - Lot 49.JPG

Block 1050 - Lots 25,26.JPG

Block 1051 - Lot 7501.JPG

Block 1052 - Lot 1 - Pic 1.JPG


Block 1052 - Lot 1 - Pic 2.JPG

Block 1069 - Lots 24,29,34,136.JPG

Block 1070 - Lots 29,33,34.JPG

Block 1071 - Lot 1.JPG

Block 1071 - Lot 42.JPG

Block 1071 - Lot 7501.JPG

Block 1071 - Lot 7502.JPG

Block 1089 - Lot 1 - Pic 1.JPG

Block 1089 - Lot 1 - Pic 2.JPG

Block 728 - Lot 55.JPG

Block 731 - Lot 40.JPG

Block 731 - Lot 41.JPG

Block 731 - Lot 48.JPG

Block 731 - Lot 50 - Pic 1.JPG

Block 731 - Lot 50 - Pic 2.JPG

Block 731 - Lot 54 - Pic 1.JPG

Block 731 - Lot 58.JPG

Block 731 - Lot 60.JPG

Block 731 - Lot 65.JPG

Block 731 - Lots 43,44.JPG

Block 731- Lot 54 - Pic 2.JPG

Block 732 - Lot 16.JPG

Block 732 - Lot 25 - Pic 1.JPG

Block 732 - Lot 25 - Pic 2.JPG

Block 732 - Lot 58.JPG

Block 732 - Lot 68.JPG

Block 732 - Lot 7.JPG

Block 732 - Lot 72.JPG

Block 732 - Lot 73.JPG

Block 733 - Lot 1.JPG

Block 733 - Lot 43.JPG

Block 733 - Lot 44.JPG

Block 733 - Lot 47.JPG

Block 733 - Lot 5.JPG

Block 733 - Lot 59.JPG

Block 733 - Lot 60.JPG

Block 733 - Lots 23,24.JPG

Block 733 - Lots 45,46.JPG

Block 733 - Lots 61,62.JPG

Block 733 - Lots 63,64.JPG

Block 733 - Lots 65,66.JPG

Block 733 - Lots 67,68,70.JPG

Block 734 - Lot 1.JPG

Block 734 - Lot 10.JPG

Block 734 - Lot 13.JPG

Block 734 - Lot 37.JPG

Block 734 - Lot 62.JPG

Block 734 - Lot 66.JPG

Block 734 - Lot 7.JPG

Block 734 - Lot 7501.JPG

Block 734 - Lot 8, 9.JPG

Block 734 - Lots 5,6.JPG

Block 735 - Lot 1.JPG

Block 735 - Lot 10.JPG

Block 735 - Lot 11.JPG

Block 735 - Lot 12.JPG

Block 735 - Lot 13.JPG

Block 735 - Lot 17.JPG

Block 735 - Lot 55.JPG

Block 735 - Lot 57.JPG

Block 735 - Lot 58.JPG

Block 735 - Lot 59.JPG

Block 735 - Lot 6.JPG

Block 735 - Lot 60.JPG

Block 735 - Lot 65.JPG

Block 735 - Lot 7.JPG

Block 735 - Lot 8.JPG

Block 735 - Lot 9.JPG

Block 736 - Lots 31 - 38.JPG

Block 736 - Lots 39,40.JPG

Block 737 - Lot 28.JPG

Block 737 - Lot 30.JPG

Block 737 - Lot 34.JPG

Block 737 - Lot 36.JPG

Block 737 - Lot 38.JPG

Block 737 - Lots 41,42,43.JPG

Block 757 - Lot 1- Pic 1.JPG

Block 757 - Lot 17.JPG

Block 757 - Lot 22 - Pic 1.JPG

Block 757 - Lot 22 - Pic 2.JPG

Block 757 - Lot 66 - Pic 1.JPG

Block 757 - Lot 66 - Pic 2.JPG

Block 757 - Lots 1,66.JPG

Block 758 - Lot 14.JPG

Block 758 - Lot 5.JPG

Block 759 - Lot 30.JPG

Block 759 - Lot 67.JPG

Block 759 - Lot 1 - Pic 1.JPG

Block 759 - Lot 1 - Pic 2.JPG

Block 759 - Lot 1 - Pic 3.JPG

Block 759 - Lot 1 - Pic 4.JPG

Block 759 - Lot 29.JPG

Block 759 - Lot 49 - Pic 1.JPG

Block 759 - Lot 68.JPG

Block 759 - Lot 7.JPG

Block 759 - Lot 72.JPG

Block 759 - Lots 23,24,25.JPG

Block 759 - Lots 26,27.JPG

Block 759 - Lots 52, 53.JPG

Block 760 - Lot 3.JPG

Block 760 - Lot 4.JPG

Block 760 - Lot 58,59,60.JPG

Block 760 - Lot 73.JPG

Block 760 - Lot 76.JPG

Block 760 - Lot 77.JPG

Block 760 - Lots 61,62.JPG

Block 761 - Lot 59.JPG

Block 761 - Lot 64.JPG

Block 761 - Lot 9.JPG

Block 761 - Lots 1,2,3.JPG

Block 761 - Lots 4,66.JPG

Block 762 - Lot 46.JPG

Block 762 - Lot 60.JPG

Block 762 - Lots 13,14,16,17.JPG

Block 762 - Lots 3,4,5.JPG

Block 762 - Lots 48,49.JPG

Block 762 - Lots 72,72,73.JPG

Block 763 - Lot 7501.JPG

Block 763 - Lots 1-5, 76,77.JPG

Block 763 - Lots 31,32.JPG

Block 763 - Lots 34,38,42.JPG

Block 763 - Lots 43,44.JPG

Block 778 - Lot 25.JPG

Block 778 - Lot 27.JPG

Block 778 - Lot 28.JPG

Block 778 - Lot 29.JPG

Block 778 - Lot 30.JPG

Block 778 - Lot 31.JPG

Block 778 - Lot 32.JPG

Block 778 - Lot 52.JPG

Block 779 - Lot 7.JPG

Block 779 - Lot 8.JPG

Block 780 - Lot 15.JPG

Block 780 - Lot 17.JPG

Block 780 - Lot 19.JPG

Block 780 - Lot 26 - Pic 1.JPG

Block 780 - Lot 26 - Pic 2.JPG

Block 780 - Lot 45.JPG

Block 780 - Lot 60.JPG

Number 7 Subway Project - Buildings - Addresses, Block and Lot Numbers

Block	Lot	Address
728	55	432 West 31st Street
731	50	408 West 34th Street
	54	414 West 34th Street
	58	424 West 34th Street
	60	426 West 34th Street
	65	436 West 34th Street
	48	423 9th Avenue
	44	421 9th Avenue
	43	419 9th Avenue
	41	415 9th Avenue
	40	413 9th Avenue
	39	411 9th Avenue
732	7	453 West 34th Street
	16	433 West 34th Street
	25	413 West 34th Street
	58	444 West 35th Street
	68	456 West 35th Street
	70	444 10th Avenue
	72	442 10th Avenue
	73	440 10th Avenue
	1	461 West 34th Street
733	5	459 West 35th Street
	47	416 West 36th Street
	60	442 West 36th Street
	61	444 West 36th Street
	62	446 West 36th Street
	63	448 West 36th Street
	64	450 West 36th Street
	67	464 10th Avenue
	68	462 10th Avenue
	70	452 10th Avenue
	23	421 West 35th Street
	24	419 West 35th Street
	1	463 West 35th Street
	43	408 West 36th Street
	44	410 West 36th Street
	45	412 West 36th Street
	46	414 West 36th Street
	59	440 West 36th Street
	65	452 West 36th Street
	66	454 West 36th Street

Number 7 Subway Project - Buildings - Addresses, Block and Lot Numbers

Block	Lot	Address
734	37	400 West 37th Street
	7501	438 West 37th Street
	62	450 West 37th Street
	1	466 10th Avenue
	5	453 West 36th Street
	7	449 West 36 Street
	8	447 West 36th Street
	10	439 West 36th Street
	6	451 West 36th Street
	9	445 West 36th Street
	13	437 West 36th Street
	66	458 West 37th Street
735	63	446 West 38th Street
	17	431 West 37th Street
	13	433 West 37th Street
	12	441 West 37th Street
	11	443 West 37th Street
	7	451 West 37th Street
	6	453 West 37th Street
	1	484 10th Avenue
	65	448 West 38th Street
	60	438 West 38th Street
	8	449 West 37th Street
	9	447 West 37th Street
	10	445 West 37th Street
	55	430 West 38th Street
	57	432 West 38th Street
	58	434 West 38th Street
	59	436 West 38th Street
736	38	521 9th Avenue
	37	519 9th Avenue
	36	517 9th Avenue
	35	515 9th Avenue
	34	513 9th Avenue
	33	511 9th Avenue
	30	405 West 38th Street
	31	507 9th Avenue
	32	509 9th Avenue
	39	406 West 39th Street
	40	408 West 39th Street
737	28	409 West 39th Street
	34	531 9th Avenue
	36	534 9th Avenue
	38	537 9th Avenue
	41	404 West 40th Street
	42	406 West 40th Street
	43	408 West 40th Street

Number 7 Subway Project - Buildings - Addresses, Block and Lot Numbers

Block	Lot	Address
757	1	420 9th Avenue
	17	325 West 33rd Street
	22	315 West 33rd Street
	66	354 West 34th Street
758	7	355 West 34th Street
	5	365 West 34th Street
	1	432 9th Avenue
	14	347 West 34th Street
759	1	450 9th Avenue
	7	367 West 35th Street
	23	327 West 35th Street
	24	329 West 35th Street
	25	331 West 35th Street
	30	317 West 35th Street
	67	346 West 36th Street
	68	348 West 36th Street
	72	356 West 36th Street
	49	310 West 36th Street
	55	320 West 36th Street
	26	325 West 35th Street
	27	321 West 35th Street
	29	319 West 35th Street
	52	314 West 36th Street
	53	316 West 36th Street
	54	318 West 36th Street
760	3	472 9th Avenue
	4	474 9th Avenue
	73	356 West 37th Street
	76	478 9th Avenue
	77	476 9th Avenue
	58	326 West 37th Street
	59	328 West 37th Street
	60	330 West 37th Street
	61	332 West 37th Street
	62	334 West 37th Street
761	1	484 9th Avenue
	2	486 9th Avenue
	3	488 9th Avenue
	4	492 9th Avenue
	9	347 West 37th Street
	59	348 West 38th Street
	64	500 9th Avenue
	66	496 9th Avenue

Number 7 Subway Project - Buildings - Addresses, Block and Lot Numbers

Block	Lot	Address
762	3	506 9th Avenue
	4	509 9th Avenue
	5	512 9th Avenue
	71	520 9th Avenue
	72	518 9th Avenue
	73	515 9th Avenue
	46	310 West 39th Street
	60	334 West 39th Street
	16	333 West 38th Street
	13	339 West 38th Street
	14	335 West 38th Street
	17	331 West 38th Street
	48	314 West 39th Street
	49	316 West 39th Street
763	1	524 9th Avenue
	2	526 9th Avenue
	3	528 9th Avenue
	4	530 9th Avenue
	5	532 9th Avenue
	76	536 9th Avenue
	77	535 9th Avenue
	7501	357 West 39th Street
	42	613 8th Avenue
	38	611 8th Avenue
	34	601 8th Avenue
	32	305 West 39th Street
	31	307 West 39th Street
	43	302 West 40th Street
	44	304 West 40th Street
778	57	232 West 29th Street
	55	228 West 29th Street
	52	224 West 29th Street
	25	227 West 28th Street
	27	223 West 28th Street
	28	221 West 28th Street
	29	219 West 28th Street
	30	217 West 28th Street
	31	215 West 28th Street
	32	213 West 28th Street
779	7	257 West 29th Street
	8	253 West 29th Street

Number 7 Subway Project - Buildings - Addresses, Block and Lot Numbers

Block	Lot	Address
780	19	225 West 30th Street
	60	232 West 31st Street
	15	243 West 30th Street
	17	239 West 30th Street
	45	204 West 31st Street
	26	209 West 30th Street
1032	58	West 42nd Street - New Cons.
	57	348 West 42nd Street
	54	338 West 42nd Street
	7	347 West 41st Street
	5	351 West 41st Street
	101	355 West 41st Street
	1	566 9th Avenue
	4	570 9th Avenue
	61	578 9th Avenue
	63	574 9th Avenue
	64	572 9th Avenue
	162	576 9th Avenue
	103	568 9th Avenue
1033	1	360 West 43rd Street
	9	349 West 42nd Street
	17	329 West 42nd Street
	18	327 West 42nd Street
	19	325 West 42nd Street
	20	323 West 42nd Street
	21	321 West 42nd Street
	22	319 West 42nd Street
	49	332 West 43rd Street
1050	25	407 West 40th Street
	26	405 West 40th Street
	29	401 West 40th Street
	49	400 West 40th Street
1051	7501	420 West 42nd Street
1052	1	576 10th Avenue
1069	34	547 10th Avenue
	29	537 10th Avenue
	136	502 West 41st Street
	24	503 West 40th Street
1070	29	557 10th Avenue
	33	500 West 42nd Street
	34	502 West 42nd Street
1071	1	555 West 42nd Street
	42	510 West 43rd Street
	7501	500 West 43rd Street
	7502	529 West 42nd Street
1089	1	650 West 42nd Street