



NATIONAL TRANSPORTATION SAFETY BOARD  
**Investigative Hearing**

Washington Metropolitan Area Transit Authority Metrorail train 302 that encountered heavy smoke in the tunnel between the L'Enfant Plaza Station and the Potomac River Bridge on January 12, 2015

<b>GROUP</b>	<b>B</b>
<b>EXHIBIT</b>	
<b>3.5</b>	

Agency / Organization

**NTSB**

Title

**Mechanical Group Factual Report  
Appendix 5 – DST Record**

1-10SP

CAR	INT	EXT	Comments	CAR	INT	EXT	Comments	CAR	INT	EXT	Comments	CAR	INT	EXT	Comments	CAR	INT	EXT	Comments
R1000			X	R1066			*X	R1130			SCRAP	R1190				R1250			
R1001			X	R1067				R1131			SCRAP	R1191				R1251			
R1002				R1068			B	R1132				R1192			X	R1252			
R1003				R1069			B	R1133			B *X	R1193			X	R1253			
R1004				R1070			SCRAP	R1134				R1194				R1254			X
R1005				R1071			SCRAP	R1135			X	R1195				R1255			
R1006				R1072			X	R1136	19	JK	X R2230	R1196	H	H	R2230	R1256			
R1007				R1073			X	R1137			X	R1197				R1257			X
R1008			X	R1074			*X	R1138				R1198			X	R1258			
R1009			X	R1075				R1139				R1199				R1259			% NO 1
R1012				R1080			X B-01/12	R1140			*B-01/05	R1200				R1260			
R1013				R1081			X	R1141				R1201				R1261			
R1014			X	R1082			X *B-01/05	R1142				R1202				R1262			I-01/13
R1015			X	R1083			X	R1143				R1203				R1263			
R1016			*X	R1084	H	H	B X	R1144				R1204				R1264	RPF	RPF	X R2230
R1017			*X	R1085			X R2230	R1145				R1205				R1265			X R2230
R1018				R1086	RPF	H		R1146				R1206			X	R1266			A-01/12
R1019				R1087			R2230	R1147				R1207				R1267			
R1020				R1088	H	H	R2230	R1148			X	R1208				R1268			C-01/10
R1021				R1089				R1149			X	R1209				R1269			*X
R1022			B	R1090			SCRAP	R1150			*A-01/04	R1210			*B-01/09	R1270			
R1023			B	R1091			SCRAP	R1151			X	R1211				R1271			
R1024			SCRAP	R1092			B *I-01/08	R1152				R1212				R1272			A-01/12
R1025			SCRAP	R1093			B X	R1153				R1213				R1273	DP	DP	OSUO
R1026				R1094			X I-01/11	R1154			C-01/12	R1214			*X	R1274			
R1027				R1095			X	R1155				R1215			*X	R1275			
R1030			B-01/13	R1096				R1156				R1216				R1276			
R1031				R1097				R1157				R1217				R1277	SW	SW	OSUO
R1032				R1098				R1158			X	R1218			*X	R1278			
R1033				R1099				R1159			X	R1219				R1279			
R1034				R1100				R1160			X A-01/12	R1220			X	R1280			I-01/12
R1035				R1101				R1161				R1221			X	R1281			
R1036				R1102				R1162			*X A-01/13	R1222				R1282			
R1037				R1103				R1163				R1223				R1283			X
R1038				R1104				R1164			X	R1224				R1284	NP	NP	OSUO
R1039				R1105				R1165			X	R1225				R1285			
R1040	RPF	RPF	R2230	R1106			SCRAP	R1166			X *I-01/08	R1226				R1286			
AR1041				R1171			SCRAP	R1167			X	R1227	DP	DP	R2230	R1287			
R1042				R1108				R1168			I-01/12	R1228			*A-01/01	R1288			
R1043				R1109				R1169				R1229				R1289			
R1046				R1110				R1170			STORAGE	R1230				R1290			
R1047			X	R1111				R1107			STORAGE	R1231				R1291			
R1048			*X	R1112	RPF	RPF	X R2230	R1172				R1232	B	B	X	R1292			X
R1049				R1113				R1173				R1233			X	R1293			X
R1050			X	R1114				R1174	H	H	X R2230	R1234			A-01/12	R1294			X
R1051			X	R1115			X	R1175			X	R1235				R1295			X
R1052				R1116			I-01/11	R1176			I-01/12	R1236			SCRAP	R1296			
R1053				R1117				R1177				R1237			SCRAP	R1297			
R1054				R1118			X	R1178			I-01/11	R1238	RPF	RPF	C-01/10	R1298			*A-01/05
R1055				R1119				AR1179			*X OSUO	R1239			R2230	R1299			
R1056			I-01/10	R1120				R1180			*I-01/08	R1240				R2000			
R1057			X	R1121				R1181			X	R1241				AR2001	R	K	% F-mol
R1058				R1122				R1182				R1242			X	R2002			
R1059				R1123				R1183				R1243			X	R2003			
AR1060	DC	DC	OSUO	R1124				R1184			X	R1244			X	R2004			
AR1061				R1125				R1185			X	R1245			X	R2005			
R1062			STORAGE	R1126			X	R1186			X	R1246				R2006			
R1063			STORAGE	R1127			X	R1187			X	R1247			X	R2007			
R1064				AR1128	B	B	A-01/12	AR1188	SW	SW		R1248	DC	DC	B-01/12	R2008			
R1065			X	AR1129				AR1189				R1249				R2009			

MONDAY JANUARY 12, 2015  
 16 CONFIRMED + VERIFIED TRATE  
 DOT

ALEXANDRIA RAIL YARD

CAR	INT	EXT	Comments	CAR	INT	EXT	Comments	CAR	INT	EXT	Comments	CAR	INT	EXT	Comments	CAR	INT	EXT	Comments
R2010				R2070				R3054				R3114				R3174			
R2011				R2071				R3055				R3115				R3175			
R2012				R2072				R3056				R3116				R3176	th	th	R2230
R2013				R2073				R3057				R3117				R3177			
R2014			*X	R2074			*C-01/09	R3058			B	R3118				R3178			
R2015			*X	R2075				R3059			B	R3119				R3179			
R2016				R3000				R3060			*A-01/09	R3120				R3180			
R2017				R3001				R3061				R3121				R3181			
A R2018	PP	PP	OSUO	R3002			C-01/12	R3062				R3122				R3182			
R2019				R3003				R3063				R3123				R3183			
R2020				R3004				R3064				R3124	th	th	A-01/12	R3184			
R2021			*X	R3005				R3065			A	R3125	th	th	R2230	R3185			
R2022				A R3006	RF	RF	R2230	R3066				R3126				R3186	PP	PP	OSUO
R2023				R3007				R3067				R3127				A R3187			
R2024				R3008				R3068	th	th	R2230	A R3128	tel	tel	R2230	R3188			
R2025				R3009				A R3069				A R3129				R3189			
R2026				R3010				R3070				R3130				R3192	TEL	TEL	R2230
R2027				R3011				R3071				R3131				A R3193			
A R2028	RF	RF	R2230	R3012				R3072				R3132				R3194	SW	SW	C-01/12
R2029				R3013				R3073				R3133				A R3195			OSUO
R2030				R3014				R3074				R3134	tel	tel	I-01/12	R3196	th	th	R2230
R2031				R3015				R3075				A R3135			R2230	A R3197			
R2032			*I-01/08	A R3016	PP	PP	OSUO	R3076	JN	JN	OSUO	R3136				R3198			
R2033				R3017				A R3077				R3137				R3199			
R2034				R3018				R3078				R3138	tel	tel	*B-01/06	R2230	R3200		I-01/10
R2035				R3019				R3079				A R3139				R3201			
R2036				R3020				R3080				R3140	PP	PP	OSUO	R3202			
R2037				R3021				R3081				A R3141				R3203			
R2038				R3022	PP	PP		R3082				R3142				R3204			
R2039				R3023				R3083				R3143				R3205			
R2040				A R3024	RF	RF	R2230	R3084			B	R3144				R3206			
R2041				R3025				R3085			B	R3145				R3207			
R2042				R3026				R3086			B X	R3146				R3208			
R2043				R3027				R3087			B	R3147				R3209			
R2044			B	R3028				R3088				R3148				R3210			
R2045				R3029				R3089				R3149			*X	R3211			
R2046				A R3030	MP	MP	A-01/12	R3090				R3150				R3212	TEL	TEL	R2230
R2047				R3031			OSUO	R3091				R3151				A R3213			
R2048			I-01/13	A R3032	TEL	TEL	B I-01/12	R3092				R3152				R3214			
R2049				R3033			R2230	R3093				R3153			*X	R3215			
R2050				R3034				R3094				R3154			I-01/13	R3216			STORAGE
R2051				R3035				R3095				R3155				R3217			STORAGE
R2052				R3036			SCRAP	R3096				A R3156	PP	PP	OSUO	R3218			
R2053				R3037			SCRAP	R3097				R3157				R3219			
R2054				R3038				R3098				R3158				R3220			B-01/12
R2055				R3039				R3099				R3159				R3221			
R2056				R3040				R3100				R3160				R3222	PP	PP	OSUO
R2057				R3041				R3101				R3161			*X	A R3223			
R2058				R3042				R3102				R3162				R3224			
R2059				R3043				R3103				R3163				R3225			
R2060			C-01/11	R3044				R3104				R3164				R3226			
R2061				R3045				R3105				R3165				R3227			B
R2062				R3046				R3106				R3166				R3228			
R2063				R3047				A R3107	PP	PP	OSUO	R3167				R3229			
R2064				R3048				A R3108	PP	PP	OSUO	R3168				R3230			A-01/12
R2065				R3049				R3109				R3169				R3231			
R2066				A R3050	RF	HD	R2230	R3110			B X	R3170				R3232			
R2067				R3051				R3111			B	R3171				R3233			
A R2068	TEL	TEL	R2230	R3052				R3112	DP	DP	R2230	A R3172	th	th	B X	R2230			
R2069				R3053				A R3113				R3173			B	R2230			

CAR	INT	EXT	Comments	CAR	INT	EXT	Comments	CAR	INT	EXT	Comments	CAR	INT	EXT	Comments	CAR	INT	EXT	Comments
R3236			B *X	R4006			*X	R4066				R5026				R5086			B
R3237			B	R4007				R4067				R5027				R5087			B
R3238				R4008				R4068				R5028				R5088			B I-01/12
R3239				R4009				R4069				R5029				R5089			B
R3240				R4010				R4070				R5030				R5090			B
R3241				R4011				R4071				R5031				R5091	RF	RF	B R2230
R3242				R4012				R4072				R5032				R5092			
R3243				R4013				R4073				R5033				R5093			B
R3244				R4014			*X I-01/10	R4074			*X	R5034				R5094			I-01/13
R3245				R4015			*X	R4075			*X	R5035	DP DP			R5095			
R3246			*X	R4016			*X	R4076			B	R5036			A-01/12	R5096			B
R3247				R4017				R4077				R5037				R5097			B
R3248				R4018			*X	R4078				R5038			A-01/12	R5098			B
R3249				R4019				R4079				R5039				R5099			B
R3250				R4020				R4080				R5040			B *I-01/07	R5100			*X
R3251				R4021			*X	R4081				R5041			B	R5101	HL	HL	*X R2230
R3254			I-01/11	R4022			A-01/12	R4082				R5042				R5102			
R3255				R4023				R4083				R5043				R5103			
R3256			*I-06/27 STORAGE	R4024				R4084				R5044				R5104			
R3257			STORAGE	R4025				R4085				R5045				R5105			
R3258				R4026				R4086			B *X	R5046				R5106			
R3259				R4027				R4087				R5047				R5107			
R3260			B	R4028				R4088				R5048			B	R5108			*I-01/08
R3261			B	R4029				R4089				R5049			B	R5109	AO	AO	OSUO
R3262				R4030	TEL	TEL	R2230	R4090			I-01/10	R5050			B	R5110			B
R3263				R4031				R4091				R5051			B	R5111			B
R3264	RF	RF	R2230	R4032				R4092			A-01/12	R5052				R5112			
R3265				R4033				R4093			W/L	R5053				R5113			
R3266				R4034				R4094			W/L	R5054			B	R5114			
R3267				R4035				R4095			A-01/12	R5055			B	R5115			
R3268	RF	RF	R2230	R4036				R4096			*X	R5056			*I-12/26 STORAGE	R5116			B
R3269				R4037			*X	R4097			*X	R5057			STORAGE	R5117			B
R3270				R4038				R4098			*X	R5058			B I-01/12	R5118			B
R3271				R4039				R4099				R5059			B	R5119			B
R3272				R4040				R5000				R5060				R5120			
R3273				R4041				R5001				R5061				R5121			
R3274	TEL	TEL	*B-01/06 R2230	R4042			A-01/12	R5002			I-01/12	R5062			B *X	R5122			
R3275				R4043			*X	R5003				R5063			B *X	R5123			
R3276				R4044				R5004				R5064				R5124			B A-01/12
R3277				R4045				R5005	TEL	TEL	R2230	R5065				R5125			B
R3278			*I-01/07	R4046				R5006				R5066			*I-06/27 STORAGE	R5126			I-01/12
R3279				R4047				R5007				R5067			STORAGE	R5127			
R3280			I-01/11	R4048			B-01/12	R5008				R5068				R5128			
R3281				R4049				R5009				R5069				R5129			
R3282				R4050				R5010				R5070			B *X	R5130			B
R3283				R4051				R5011				R5071	TL	TL	B	R5131			B
R3284	TL	TL	R2230	R4052				R5012			*X	R5072				R5132			
R3285				R4053				R5013				R5073				R5133			
R3286				R4054			*A-01/04	R5014	TEL	TEL	B R2230	R5074			*I-12/21 STORAGE	R5134			B
R3287				R4055				R5015			B	R5075			STORAGE	R5135			B
R3288				R4056				R5016			A-01/12	R5076				R5136			B
R3289				R4057				R5017				R5077				R5137			B *X
R3290			A-01/13	R4058				R5018	RF	RF	B R2230	R5078				R5138			
R3291				R4059				R5019			B	R5079				R5139			OSUO
R4000				R4060			*X	R5020				R5080				R5140			
R4001				R4061			*X	R5021				R5081				R5141			
R4002			*X	R4062			*X	R5022			I-01/10	R5082			*X	R5142			B
R4003			B *X	R4063			*X	R5023	TEL	TEL	B *X R2230	R5083				R5143	DC	DC	B OSUO
R4004				R4064			X	R5024				R5084				R5144			
R4005				R4065			X	R5025				R5085				R5145			

CAR	INT	EXT	Comments	CAR	INT	EXT	Comments	CAR	INT	EXT	Comments	CAR	INT	EXT	Comments	CAR	INT	EXT	Comments
R5146 R5147	A	A	B *X Preset when parked	A R6014 R6015	RPF	RPF	*X R2230	R6074 R6075				A R6134 R6135	NP	NP	OSVO	R8002 R8003	RPF	RPF	*X REVCOLL door REVCOLL by-pass?
R5148 R5149				R6016 R6017			*A-12/22	R6076 R6077			*X	R6136 R6137							DP-004853
R5150 R5151			B X	R6018 R6019			*X	A R6078 R6079	RPF	RPF	R2230	R6138 R6139							Hg-011629
R5152 R5153			STORAGE STORAGE	A R6020 R6021	RPF	RPF	R2230	R6080 R6081				R6140 R6141			A-01/12				JEL-011071
R5154 R5155				A R6022 R6023	H/D	H/D	R2230	R6082 R6083				R6142 R6143							RPF 015043
R5156 R5157			B B *X	R6024 R6025				R6084 R6085				R6144 R6145							<del>DP</del> A-012301
R5158 R5159			B B	R6026 R6027				R6086 R6087			L	R6146 R6147							JS-015409
R5160 R5161			*A-01/08 B	R6028 R6029				R6088 R6089				A R6148 R6149	TEL	TEL	R2230				JN-014592
R5162 R5163				R6030 R6031				R6090 R6091				R6150 R6151							SA-011868
R5164 R5165				R6032 R6033				R6092 R6093				A R6152 R6153	JN	JN	OSVO				LT (018783)
R5166 R5167				R6034 R6035			A-01/12	R6094 R6095				R6154 R6155							DJ 025358
R5168 R5169				R6036 R6037			*C-01/09	R6096 R6097				A R6156 R6157	RPF	RPF	R2230				
R5170 R5171			B B *X	R6038 R6039				R6098 R6099				R6158 R6159							
R5172 R5173				R6040 R6041				R6100 R6101				R6160 R6161							
R5174 R5175			I-01/11	R6042 R6043				A R6102 R6103	DP	DP	OSVO	A R6162 R6163	JN	JN	OSVO				
R5176 R5177				A R6044 R6045	RPF	H/D	*X R2230	R6104 R6105				R6164 R6165							
R5178 A R5179	H	H	1/5 F. Truck Hanger Broken,	R6046 R6047			*X	R6106 R6107				R6166 R6167							
R5180 R5181			B B	R6048 R6049			I-01/12	R6108 R6109			*X I-01/12 *X	R6168 R6169							*X *X
R5182 R5183				R6050 R6051			*A-01/20 STORAGE STORAGE	R6110 R6111			I-01/12	R6170 R6171							
R5184 R5185				R6052 R6053			B	R6112 R6113				R6172 R6173							*X
R5186 R5187				R6054 R6055				R6114 R6115			B B	R6174 R6175							B *X
R5188 R5189				R6056 R6057			*X	R6116 R6117				R6176 R6177							
R5190 R5191				R6058 R6059				R6118 R6119				R6178 R6179							
R6000 R6001				R6060 R6061			B	R6120 R6121				R6180 R6181							
R6002 R6003			B *A-01/06 B X	R6062 R6063				R6122 R6123			I-01/13	R6182 R6183							
R6004 A R6005	DP	DP	1/5 W R2230 NO ABC +9	R6064 R6065				R6124 R6125				R7000 R7001							UNACCEPT UNACCEPT
R6006 R6007				R6066 R6067				R6126 R6127			I-01/11	R7002 R7003							UNACCEPT UNACCEPT
R6008 R6009				R6068 R6069			L	R6128 R6129				R7004 R7005							UNACCEPT UNACCEPT
R6010 R6011			LI-01/11	R6070 R6071			A-01/12	R6130 R6131			B X	R7006 R7007							UNACCEPT UNACCEPT
R6012 A R6013	Q	Q	A-01/10 1/5 mBAm Recall	R6072 R6073				R6132 R6133				R8000 R8001	SA	SA	*X I-01/13 REVCOLL REVCOLL HVAC				