

# TRAIN DESCRIBER - CONTROL TABLES

SIGNALBOX : UPMINSTER

PLAN NUMBER : 92-RS-18/2

ISSUE : MG1

PREPARED BY : [REDACTED]

DATE : 30-11-2010

CHECKED BY : [REDACTED]

ATR CODES : ATR CODES ARE NOT REQUIRED BY SEMA GROUP

EXTERNAL SYSTEMS : STRATFORD IECC

VDU MAP REFERENCES : LONDON W1S1,S2,S4,  
S5,S6

DEFAULT MAPS : OCU REF MAP  
W1 W1S1,S2

<u>RAPID ADDRESSES</u>	<u>BERTH(S) OCU</u>	<u>KEYTOP</u>	<u>LEGEND</u>
	0149	W1	G
	0150	W1	H
	0157	W1	I
	B906	W1	J
	0524	W1	K
	0167	W1	L
	0162	W1	M
	0525	W1	N
	0908	W1	O
	0611	W1	P
	0610	W1	Q
	0909	W1	R

BERTH OCCUPIED LABELS : LABEL BERTH(S)  
NOT APPLICABLE TO LT&S

LTS Rail  
CENTRAL HOUSE  
CLIFFTOWN ROAD  
SOUTHEND  
ESSEX SS1 1AB

Produced	[REDACTED]	30-11-10
Checked	[REDACTED]	11.01.2011

## Revisions

21: Change due to Cab Secure Radio requirement LTS/TD/480.  
MG1: West Ham Resignalling Project

CLASS OUTPUT LABELS

: LABEL BERTH (S)  
NOT APPLICABLE TO LT&S

LTS Rail  
CENTRAL HOUSE  
CLIFFTOWN ROAD  
SOUTHEND  
ESSEX SS1 1AB

Revisions

21: Change due to Cab Secure Radio requirement LTS/TD/480.  
MG1: West Ham Resignalling Project

CONTROL TABLES      SIGNALBOX: UPMINSTER ISSUE:21      DATE: 30-11-2010

BERTH TYPE		TO TO/
ITEM BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS

NOTES

- 1.THE STEP TYPE 'Q' IS A QUIET, NORMAL STEP.
- 2.THE STEP TYPE 'S' IS A SPECIAL, QUIET, COPY STEP.
- 3.THE FOLLOWING IS A LIST OF AUTOMATIC CODE INSERTION BERTHS:-

BARKING PLATFORM 1	A906
	B906
PLATFORM 4	0524
	0167
PLATFORM 5	0525
	0162

ISSUE MG1: November 2010

PREPARED BY: XXXXXXXXXX      CHECKED BY: XXXXXXXXXX      LTS/SE/02

BIRTH TYPE		TO TO/	
ITEM	BIRTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
1:0147	N		0149 N [BDR],BDQ
2:0148	N		0146 N [BUQ],BUR
3:0149	N,S	W1	0153 N [BDT],R149AM
4:			0EH1 N [BDT],R149BS
5:0150	N,S	W1	0148 N [BUR],BUS
6:			ACO N [BUT],R1015S
7:0153	N		0155 N [BDX],BDW
8:0154	N		0150 N [BUW],R154M
9:0155	N		0157 N [BDY],R155AM
10:			0519 N [BDY],R155BM
11:0156	N		0154 N [BGA],R156AM
12:			EAST N [BGA],R156BS
13:0157	N,S	W1	0159 N [BFD],R157AM
14:			0159 N [BFD],R157AW
15:			0903 N [BFD],R157BM
16:			ACO N [BFB],R1020S
17:0159	N		0161 N [CDC],R159M
18:0160	N		0156 N [CUB],R160M
19:0161	N		0167 N [CDE],R161M
20:			0524 N [CDE],R161C
21:0162	N,S	W1	0160 N [CUE],R162M
22:			0525 N [-S525],0162.-0525
23:			0525 N [R523C],0162.-0525
24:			ACO N [-CUH],-CUF.0162.R525M.-R523C
25:0167	N,S	W1	0169 N [CDK],R167AM
26:			0527 N [CDK],R167BM
27:			0524 N [-S524],0167.-0524
28:			0524 N [R526C],0167.-0524
29:			ACO N [-CDF],-CDH.0167.R524M.-R526C

BIRTH TYPE		TO TO/	
ITEM	BERTH	CHARACTERISTICS	OCU SYST TXAD S [TRIGGER].CONDITIONS
30:0168	N	0162 N	[CUK], R168M
31:		0162 N	[CUK], R168W
32:		0525 N	[CUK], R168C
33:0169	N	0173 N	[DDB], R169M
34:0170	N	0168 N	[DUA], R170AM
35:		0526 N	[DUA], R170BM
36:0173	N	0177 N	[DDE], R173M
37:0174	N	0170 N	[DUC], R174M
38:0176	N	0916 N	[DUG], R176AM
39:		0174 N	[DUG], R176BM
40:0177	N,B	0179 N	[DDK], R177M
41:		0532 N	[0177], R532AM.-R177M
42:		0532 N	[0177], R532BM.-R177M
43:		0532 N	[0177], R532CM.-R177M
44:		0532 N	[R532AM], 0177.-R177M
45:		0532 N	[R532BM], 0177.-R177M
46:		0532 N	[R532CM], 0177.-R177M
47:		0532 N	[-R177M], 0177.R532AM
48:		0532 N	[-R177M], 0177.R532BM
49:		0532 N	[-R177M], 0177.R532CM
50:		DA22 C	[0177], -0532
51:		DA22 C	[R532AM], 0177.-0532
52:		DA22 C	[R532BM], 0177.-0532
53:		DA22 C	[R532CM], 0177.-0532
54:		DA22 C	[-R177M], 0177.-0532
55:		DA22 C	[-0532], 0177
56:		ACO N	[-R532AM], 0532.0177
57:		ACO N	[-R532BM], 0532.0177
58:		ACO N	[-R532CM], 0532.0177

BERTH TYPE		TO	TO/
ITEM	BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
59:			ACO N [0532],0177
60:			ACO N [R177M],0532.0177
61:0179	N		0181 N [DDL],DDK
62:0180	N		0176 N [DUH],R180M
63:0181	N		0187 N [DDM],DDL
64:0182	N		0180 N [DUL],DUM
65:0519	N		0521 N [BGD],R519AM
66:			0907 N [BGD],R519BM
67:0521	N		0161 N [CUD],R521AM
68:			0523 N [CUD],R521BM
69:0523	N		0525 N [CUE],R523M
70:			0162 N [CUE],R523C
71:0524	N,S	W1	0160 N [CDE],R524M
72:			0167 N [-S167],0524.-0167
73:			0167 N [R161C],0524.-0167
74:			ACO N [-CDH],-CDF.0524.-R161C.R167AM
75:			ACO N [-CDH],-CDF.0524.-R161C.R167BM
76:0525	N,S	W1	0527 N [CUK],R525M
77:			0162 N [-S162],0525.-0162
78:			0162 N [R168C],0525.-0162
79:			ACO N [-CUF],-CUH.0525.R162M.-R168C
80:0526	N		0524 N [CDK],R526M
81:			0167 N [CDK],R526C
82:0527	N		0529 N [DUB],R527M
83:0528	N		0526 N [DDA],R528M
84:0529	N		0177 N [DUD],R529AM
85:			0533 N [DUD],R529BM
86:0530	N		0528 N [DDC],DDE

ISSUE MG1: November 2010

PREPARED BY: [REDACTED]

CHECKED BY: [REDACTED]

LTS/SE/02

BERTH TYPE		TO	TO/
ITEM	BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
87:0532	N,B	0916 N	[DDG], R532AM
88:		0174 N	[DDG], R532BM
89:		0530 N	[DDG], R532CM
90:		0177 N	[0532], -R532AM, -R532BM, -R532CM, R177M
91:		0177 N	[R177M], -R532AM, -R532BM, -R532CM, 0532
92:		0177 N	[-R532AM], 0532, R177M
93:		0177 N	[-R532BM], 0532, R177M
94:		0177 N	[-R532CM], 0532, R177M
95:		DA22 C	[0532], -0177
96:		DA22 C	[R177M], -0177, 0532
97:0532	N,B	DA22 C	[-R532AM], -0177, 0532
98:		DA22 C	[-R532BM], -0177, 0532
99:		DA22 C	[-R532CM], -0177, 0532
100:		DA22 C	[-0177], 0532
101:		ACO N	[-R177M], 0532, 0177
102:		ACO N	[0177], 0532
103:		ACO N	[R532AM], 0177, 0532
104:		ACO N	[R532BM], 0177, 0532
105:		ACO N	[R532CM], 0177, 0532
106:0601	N	R906 N	[CTC], R601AM
107:		0605 N	[CTC], R601BM
108:0604	N	L924 N	[CHE], R604M
109:		1103 N	[-S1103], 0604, -1103
110:0605	N	0611 N	[CTH], R605M
111:0610	N,S	0904 N	[CHK], R610AM
112:		0604 N	[CHK], R610BM
113:		0909 N	[-S909], 0610, -0909
114:		0909 N	[R1103BS], 0610, -0909
115:		ACO N	[-CHL], 0610, -R1103BS, R909AM

ISSUE MG1: November 2010

PREPARED BY: [REDACTED]

CHECKED BY: [REDACTED]

LTS/SE/02

BERTH TYPE		TO	TO/
ITEM	BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
116:			ACO N [-CHL],0610.-R1103BS.R909BM
117:0611	N,S	W1	0911 N [CTM],R611AM
118:			0915 N [CTM],R611BM
119:			0615 N [CTM],R611CM
120:			0908 N [-S908],0611.-0908
121:			0908 N [R1104BS],0611.-0908
122:			AP71 C [R611CM],0611
123:			AP71 C [0611],R611CM
124:			ACO N [-CTL],0611.-R1104BS.R908AM
125:			ACO N [-CTL],0611.-R1104BS.R908BM
126:0612	N		0610 N [CHR],R612M
127:0615	N		RPDN N [CTT],R615M
128:			0909 N [CTP],R1104AS.CHL
129:0615	N		0610 N [CTP],R1104AS.-CHL
130:			0611 N [CTP],R1104BS.CTL
131:			0908 N [CTP],R1104BS.-CTL
132:0616	N		0612 N [LUA],R616M
133:0804	N		0610 N [CGA],R804M
134:0900	N		0150 N [BEC],R900AM
135:			EHWE S [0900]
136:0902	N		L924 N [CBA],R902AM
137:			L918 N [CBA],R902BM
138:0903	N		0611 N [CTH],R903M
139:0904	N,B		0156 N [CLA],R904M
140:			0907 N [-S907],0904.-0907
141:A906	N,B		0902 N [CBB],R906M
142:			F906 C [A906]
143:			ACO N [-B906],-CBC

ISSUE MG1: November 2010

PREPARED BY: [REDACTED]

CHECKED BY: [REDACTED]

LTS/SE/02



BIRTH TYPE		TO TO/	
ITEM	BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
144:B906	N,BS	W1	A906 N [-S906],-A906.B906
145:			F906 C [B906],-A906
146:			F906 C [-A906],B906
147:			ACO N [-R906],-CBC
148:F906	N		ACO N [-A906],-B906
149:			ACO N [-B906],-A906
150:			T906 C [L906TRS],S906.-R906,F906
151:T906	N		ACO N [-L906TRS],T906
152:R906	N		ACO N [-CBC]
153:0907	N,B		0611 N [CHH],R907AM
154:			0909 N [CHH],R907BM
155:			0904 N [-S904],0907.-0904
156:0908	N,S	W1	0904 N [CTK],R908AM
157:			0604 N [CTK],R908BM
158:			0611 N [-S611],0908.-0611
159:0908	N,S	W1	0611 N [R1103AS],0908.-0611
160:			ACO N [-CTL],0908.-R1103AS.R611AM
161:0908	N,S	W1	ACO N [-CTL],0908.-R1103AS.R611BM
162:			ACO N [-CTL],0908.-R1103AS.R611CM
163:0909	N,S	W1	0915 N [CHM],R909AM
164:			0615 N [CHM],R909BM
165:			0610 N [-S610],0909.-0610
166:			0610 N [R1104AS],0909.-0610
167:			AP71 C [R909BM],0909
168:			AP71 C [0909],R909BM
169:			ACO N [-CHL],0909.-R1104AS.R610AM
170:			ACO N [-CHL],0909.-R1104AS.R610BM
171:0910	N,B		0610 N [DCA],R910AM
172:			0908 N [DCA],R910BM

ISSUE MG1: November 2010

PREPARED BY: [REDACTED]

CHECKED BY: [REDACTED]

LTS/SE/02

BIRTH TYPE		TO	TO/
ITEM	BIRTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
173:			0915 N [-S915],0910.-0915
174:0911	N		0529 N [DUB],R911M
175:0915	N,B		0177 N [DCC],R915AM
176:			0533 N [DCC],R915BM
177:			0910 N [-S910],0915.-0910
178:0916	N		0910 N [DCB],R916M
179:1019	N		0157 N [BEK],R1019AS
180:			0519 N [BEK],R1019BS
181:			EHEA S [1019]
182:1101	N		R906 N [CHE],R1101AS
183:			0605 N [CHE],R1101BS
184:1103	N		0611 N [CHH],R1103AS.-CTL
185:			0908 N [CHH],R1103AS.CTL
186:			0909 N [CHH],R1103BS.-CHL
187:			0610 N [CHH],R1103BS.CHL
188:L913	N		DNTH S [L913],-LBARKPL1
189:L915	N		UPTH S [L915],-LBARKPL1
190:L918	N		DA21 C [L918],-L921
191:L918	N		B918 C [DA21],L918
192:L920	N		B920 C [L920],-B920
193:L921	N,B		DA21 C [L921],-L918
194:			DA21 C [-L918],L921
195:L924	N		1101 N [-S1101],L924.-1101
196:B918	N		LS22 N [-DA21],B918.-L918
197:B920	N		LS21 N [-L920],B920
198:AP21	N		UPGD S [AP21],-LBARKPL8
199:AP22	N		UPTM S [AP22],-LBARKPL8
200:AP71	N,B		AP72 N [AP71],-AP72
201:			AP72 N [AP71],-0615.-CTT

BERTH TYPE		TO TO/	
ITEM	BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
202:			AP72 N [-AP72], AP71
203:AP72	N, B		ACO N [-0615], R1104A
204:			ACO N [-0615], R1104B
205:DA21	N		ACO N [-L921], -L918
206:			ACO N [-L918], -L921
207:DA22	N		ACO N [-0177], -0532
208:			ACO N [-0532], -0177
209:UPGD	D, B	W1	ACO N [-AP21]
210:UPTM	D, B	W1	ACO N [-AP22]
211:DNTH	D, B	W1	ACO N [-L913]
212:0EH1	N		ACO N [-BEB]
213:EHWE	D, B	W1	ACO N [-0900]
214:EHEA	D, B	W1	ACO N [-1019]
215:EAST	N, B	W1	ACO N [-BEK]
216:UPTH	D, B	W1	ACO N [-L915]