

# TRAIN DESCRIBER - CONTROL TABLES

SIGNALBOX : UPMINSTER  
PLAN NUMBER : 92-RS-18/3  
ISSUE : 10  
PREPARED BY : XXXXXXXXXX  
DATE : 28-10-2008  
CHECKED BY : XXXXXXXXXX

ATR CODES : ATR CODES ARE NOT REQUIRED  
BY SEMA GROUP

EXTERNAL SYSTEMS : NONE

VDU MAP REFERENCES : LONDON W1S2,S6,S7

DEFAULT MAPS : OCU REF MAP  
W1 W1S2

<u>RAPID ADDRESSES</u>	: <u>BERTH(S) OCU</u>	<u>KEYTOP</u>	<u>LEGEND</u>
	0538	W1	S
	B851	W1	T
	0212	W1	U
	0539	W1	V

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

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

LTS Rail  
CENTRAL HOUSE  
CLIFFTOWN ROAD  
SOUTHEND  
ESSEX SS1 1AB

## Revisions

10: Reworked to version D of scheme plans and version F of route tables. Approach berth stepping amended in order that the TD remains in the APPR berth longer.

#### NOTES

1. THE STEP TYPE 'Q' IS A QUIET, NORMAL STEP.
2. THE STEP TYPE 'S' IS A SPECIAL, QUIET, COPY STEP.

LTS Rail  
CENTRAL HOUSE  
CLIFFTOWN ROAD  
SOUTHEND  
ESSEX SS1 1AB

#### Revisions

- 10: Reworked to version D of scheme plans and version F of route tables. Approach berth stepping amended in order that the TD remains in the APPR berth longer.

3. THE FOLLOWING IS A LIST OF AUTOMATIC CODE INSERTION BERTHS:-

UPMINSTER	0538
	0213
	0212
	0539
	A851
	B851

BERTH TYPE		TO	TO/
ITEM	BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
1:0187	N		0189 N [DDN],DDM
2:0188	N		0182 N [DUM],DUN
3:0189	N		0193 N [DDP],DDN
4:0190	N		0188 N [DUN],DUP
5:0192	N,B		0190 N [DUP],DUR.-0533
6:			0533 N [0192],R533AM
7:			0533 N [0192],R533BM
8:			0533 N [R533AM],0192
9:			0533 N [R533BM],0192
10:			DA31 C [0192],-0533
11:			DA31 C [R533AM],-0533.0192
12:			DA31 C [R533BM],-0533.0192
13:			DA31 C [-0533],0192
14:			ACO N [0533],0192
15:0193	N		0195 N [DDS],R193AM
16:			0535 N [DDS],R193BM
17:0194	N		0192 N [DUW],R194AM
18:			0532 N [DUW],R194BM
19:0195	N,B		0199 N [DDY],DDX.-0534
20:			0534 N [0195],R534AM
21:			0534 N [0195],R534BM
22:			0534 N [R534AM],0195
23:			0534 N [R534BM],0195
24:			DA32 C [0195],-0534
25:			DA32 C [R534AM],0195.-0534
26:			DA32 C [R534BM],0195.-0534
27:			DA32 C [-0534],0195
28:			ACO N [0534],0195
29:0196	N		0194 N [DUX],DUY

ISSUE 10 : August 2008

PREPARED BY: [REDACTED]

CHECKED BY: [REDACTED]

[REDACTED] LTS/SE/03

BIRTH TYPE		TO TO/	
ITEM	BIRTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
30:0198	N		0196 N [DUY],DUZ
31:0199	N		0203 N [DDZ],DDY
32:0202	N		0198 N [DUZ],EUA
33:0203	N		0209 N [EDC],EDA
34:0204	N		0202 N [EUA],EUB
35:0206	N		0204 N [EUB],EUC
36:0209	N		0211 N [EDE],R209M
37:0210	N		0206 N [EUC],EUD
38:0211	N		0213 N [EDH],R211M
39:			0538 N [EDH],R211C
40:0212	N,S	W1	0210 N [EUH],R212M
41:			0539 N [-S539],0212.-0539
42:			0539 N [R537C],0212.-0539
43:			ACO N [-EUL],-EUK.0212.R539AM.-R537C
44:			ACO N [-EUL],-EUK.0212.R539BM.-R537C
45:0213	N		0217 N [EDM],R213AM
46:			AP41 N [EDM],R213BM
47:			0853 N [EDM],R213CM
48:			0538 N [-S538],0213.-0538
49:			0538 N [R540C],0213.-0538
50:			ACO N [-EDK],-EDL.0213.R538AM.-R540C
51:			ACO N [-EDK],-EDL.0213.R538BM.-R540C
52:			AP42 C [0213],R213AM
53:			AP42 C [R213AM],0213
54:0214	N		0212 N [EUM],R214M
55:			0212 N [EUM],R214W
56:			0539 N [EUM],R214C
57:0216	N		0214 N [EUR],R216AM
58:			0540 N [EUR],R216BM

BERTH TYPE		TO	TO/
ITEM BERTH CHARACTERISTICS OCU SYST TXAD S [TRIGGER].CONDITIONS			
59:0217	N,B	0221 N	[EDT],R217M
60:		0542 N	[0217],R542M.-R217M
61:		0542 N	[R542M],0217.-R217M
62:		0542 N	[-R217M],0217.R542M
63:		DA33 C	[0217],-0542
64:		DA33 C	[R542M],0217.-0542
65:0217	N,B	DA33 C	[-R217M],0217.-0542
66:		DA33 C	[-0542],0217
67:		ACO N	[-R542M],0542.0217
68:		ACO N	[0542],0217
69:		ACO N	[R217M],0542.0217
70:0222	N	0216 N	[EUT],R222M
71:0533	N,B	0195 N	[DUS],R533AM
72:		0535 N	[DUS],R533BM
73:		0190 N	[DUP],DUR.0533.-R533AM.-R533BM
74:		DA31 C	[0533],-0192
75:		DA31 C	[-0192],0533
76:		ACO N	[0192],0533
77:		ACO N	[R533AM],0192.0533
78:		ACO N	[R533BM],0192.0533
79:0534	N,B	0192 N	[DDW],R534AM
80:		0532 N	[DDW],R534BM
81:		0199 N	[DDY],DDX.-R534AM.-R534BM.0534
82:		DA32 C	[0534],-0195
83:		DA32 C	[-0195],0534
84:		ACO N	[0195],0534
85:		ACO N	[R534AM],0195.0534
86:		ACO N	[R534BM],0195.0534
87:0535	N	0211 N	[EUE],R535AM

ISSUE 10 : August 2008

PREPARED BY: [REDACTED]

CHECKED BY: [REDACTED]

[REDACTED] LTS/SE/03

BIRTH TYPE		TO TO/	
ITEM	BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
88:			0537 N [EUE], R535BM
89:0537	N		0539 N [EUH], R537M
90:			0212 N [EUH], R537C
91:0538	N,S	W1	0210 N [EDH], R538AM
92:			0534 N [EDH], R538BM
93:			0213 N [-S213], 0538.-0213
94:			0213 N [R211C], 0538.-0213
95:			ACO N [-EDL], -EDK.0538.R213AM.-R211C
96:			ACO N [-EDL], -EDK.0538.R213BM.-R211C
97:0538	N,S	W1	ACO N [-EDL], -EDK.0538.R213CM.-R211C
98:0539	N,S	W1	AP41 N [EUM], R539AM
99:			0853 N [EUM], R539BM
100:			0212 N [-S212], 0539.-0212
101:			0212 N [R214C], 0539.-0212
102:			ACO N [-EUK], -EUL.0539.R212M.-R214C
103:0540			0538 N [EDM], R540M
104:			0213 N [EDM], R540C
105:0542	B		0540 N [EDR], R542M
106:			0217 N [0542], -R542M.R217M
107:			0217 N [R217M], -R542M.0542
108:			0217 N [-R542M], 0542.R217M
109:			DA33 C [0542], -0217.-DA33
110:			DA33 C [R217M], -0217.0542
111:			DA33 C [-R542M], -0217.0542
112:			DA33 C [-0217], 0542
113:			ACO N [-R217M], 0542.0217
114:			ACO N [0217], 0542
115:			ACO N [R542M], 0217.0542
116:A851	N,B		F851 C [A851]

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PREPARED BY: [REDACTED]

CHECKED BY: [REDACTED]

LTS/SE/03

BERTH TYPE		TO	TO/
ITEM	BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
117:			0853 N [EBB],R851AM
118:			ACO N [EBB],R1501
119:			ACO N [R1501],EBB
120:			ACO N [-B851],-EBA
121:B851	N,BS	WI	A851 N [-S851],-A851.B851
122:			F851 C [B851],-A851
123:			F851 C [-A851],B851
124:			ACO N [-R851],-EBA
125:F851	N		ACO N [-A851],-B851
126:			ACO N [-B851],-A851
127:R851	N		ACO N [-EBA]
128:0852	N,B		R851 N [EBE],R852AM
129:0852	N,B		0214 N [EBE],R852BM
130:			0540 N [EBE],R852CM
131:			0853 N [0852],-R852AM.-R852BM.-R852CM.R853M
132:			0853 N [R853M],-R852AM.-R852BM.-R852CM.0852
133:			0853 N [-R852AM],0852.R853M
134:			0853 N [-R852BM],0852.R853M
135:			0853 N [-R852CM],0852.R853M
136:			DA34 C [0852],-0853
137:			DA34 C [R853M],-0853.0852
138:			DA34 C [-R852AM],-0853.0852
139:			DA34 C [-R852BM],-0853.0852
140:			DA34 C [-R852CM],-0853.0852
141:			DA34 C [-0853],0852
142:			ACO N [-R853M],0852.0853
143:			ACO N [0853],0852
144:			ACO N [R852AM],0853.0852
145:			ACO N [R852BM],0853.0852

ISSUE 10 : August 2008

PREPARED BY: [REDACTED]

CHECKED BY: [REDACTED]

LTS/SE/03



BIRTH TYPE		TO TO/	
ITEM	BIRTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER]. CONDITIONS
146:		ACO N	[R852CM], 0853.0852
147:0853	N, B	0857 N	[EBG], R853M
148:		0852 N	[0853], R852AM. -R853M
149:		0852 N	[0853], R852BM. -R853M
150:		0852 N	[0853], R852CM. -R853M
151:		0852 N	[R852AM], 0853. -R853M
152:		0852 N	[R852BM], 0853. -R853M
153:		0852 N	[R852CM], 0853. -R853M
154:		0852 N	[-R853M], 0853. R852AM
155:		0852 N	[-R853M], 0853. R852BM
156:		0852 N	[-R853M], 0853. R852CM
157:		DA34 C	[0853], -0852
158:		DA34 C	[R852AM], 0853. -0852
159:		DA34 C	[R852BM], 0853. -0852
160:		DA34 C	[R852CM], 0853. -0852
161:0853	N, B	DA34 C	[-R853M], 0853. -0852
162:		DA34 C	[-0852], 0853
163:		ACO N	[-R852AM], 0852.0853
164:		ACO N	[-R852BM], 0852.0853
165:		ACO N	[-R852CM], 0852.0853
166:		ACO N	[0852], 0853
167:		ACO N	[R853M], 0852.0853
168:DA31	N	ACO N	[-0533], -0192
169:		ACO N	[-0192], -0533
170:DA32	N	ACO N	[-0195], -0534
171:		ACO N	[-0534], -0195
172:DA33	N	ACO N	[-0217], -0542
173:		ACO N	[-0542], -0217
174:DA34	N	ACO N	[-0853], -0852

CONTROL TABLES      SIGNALBOX: UPMINSTER ISSUE: 10      DATE: 28-10-2008

BERTH TYPE		TO TO/	
ITEM	BERTH CHARACTERISTICS	OCU	SYST TXAD S [TRIGGER].CONDITIONS
175:			ACO N [-0852],-0853
176:AP31	N		DNSD S [AP31],-LUPMDN2
177:			0542 N [LTFDAOCC],-EDT
178:AP32	N,B		UPSD S [AP32],-LUPMUP2
179:AP42	N,B		AP43 N [AP42],-AP43
180:			AP43 N [-AP43],AP42
181:AP43	N,B		AP44 N [AP43],-AP44
182:			AP44 N [-AP44],AP43
183:			ACO N [R542M],EDS.0221.AP43.0542
184:AP44	N,B		ACO N [-0221]
185:			ACO N [R542M],EDS.-0221.AP44.0542
186:DNSD	D,B	W1	ACO N [-AP31]
187:UPSD	D,B	W1	ACO N [-AP32]

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