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1 <?xml version="1.0" encoding="UTF-8"?>
2 <!-- Example to illustrate the use of the Standard Elevator Information Schema ↗

3     This XML document is one of stream sent to a graphical remote status
4     display (probably a web-browser), via the Internet.
5     The document references an XSL transform which converts the XML into an
6     HTML table to represent the operation of the lifts in a graphic format.
7     Notice that not all lifts serve every floor - unserviced shaft/floors
8     are rendered in solid black by the transform.
9
10    (c) Jonathan Beebe, January 2020
11 -->
12 <?xml-stylesheet type="text/xsl" href="./LiftInfoTransform02.xsl"? ↗
13 <<LiftInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" ↗
14     xsi:noNamespaceSchemaLocation="./LiftInfo.xsd">
15     <StaticData>
16         <Group ID="1">
17             <Algorithm>FS4</Algorithm>
18             <Car ID="1">
19                 <FloorsServed>
20                     <Range>
21                         <LowFloor>1</LowFloor>
22                         <HighFloor>8</HighFloor>
23                     </Range>
24                 </FloorsServed>
25                 <SpeedProfile>
26                     <RatedSpeed>3.5</RatedSpeed>
27                     <TimeToRatedSpeed>4.0</TimeToRatedSpeed>
28                     <TimeToStop>8.5</TimeToStop>
29                     <InterfloorFlightTimes>
30                         <FlightTime>14.0</FlightTime>
31                         <TripDistance>
32                             <LowFloor>1</LowFloor>
33                             <HighFloor>4</HighFloor>
34                         </TripDistance>
35                     </InterfloorFlightTimes>
36                     <Decks>0</Decks>
37                     <Acceleration>1.3</Acceleration>
38                 </SpeedProfile>
39                 <DoorProfile>
40                     <TimeToOpen>2.1</TimeToOpen>
41                     <TimeToClose>3.5</TimeToClose>
42                     <DwellTime>4.0</DwellTime>
43                     <ShortDwellTime>2.0</ShortDwellTime>
44                     <TimeToLimitedOpen>1.0</TimeToLimitedOpen>
45                     <TimeToLimitedClose>1.0</TimeToLimitedClose>
46                 </DoorProfile>
47                 <RatedCapacity>90</RatedCapacity>
48             </Car>
49             <Car ID="2">
50                 <FloorsServed>
51                     <Range>
52                         <LowFloor>1</LowFloor>
53                         <HighFloor>8</HighFloor>
54                     </Range>
55                 </FloorsServed>
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54     <SpeedProfile>
55         <RatedSpeed>3.5</RatedSpeed>
56         <TimeToRatedSpeed>4.0</TimeToRatedSpeed>
57         <TimeToStop>8.5</TimeToStop>
58         <InterfloorFlightTimes>
59             <FlightTime>14.0</FlightTime>
60             <TripDistance>
61                 <LowFloor>1</LowFloor>
62                 <HighFloor>4</HighFloor>
63             </TripDistance>
64         </InterfloorFlightTimes>
65         <Decks>0</Decks>
66         <Acceleration>1.3</Acceleration>
67     </SpeedProfile>
68     <DoorProfile>
69         <TimeToOpen>2.1</TimeToOpen>
70         <TimeToClose>3.5</TimeToClose>
71         <DwellTime>4.0</DwellTime>
72         <ShortDwellTime>2.0</ShortDwellTime>
73         <TimeToLimitedOpen>1.0</TimeToLimitedOpen>
74         <TimeToLimitedClose>1.0</TimeToLimitedClose>
75     </DoorProfile>
76     <RatedCapacity>90</RatedCapacity>
77 </Car>
78 <Car ID="3">
79     <FloorsServed>
80         <Range>
81             <LowFloor>1</LowFloor>
82             <HighFloor>15</HighFloor>
83         </Range>
84     </FloorsServed>
85     <SpeedProfile>
86         <RatedSpeed>3.5</RatedSpeed>
87         <TimeToRatedSpeed>4.0</TimeToRatedSpeed>
88         <TimeToStop>8.5</TimeToStop>
89         <InterfloorFlightTimes>
90             <FlightTime>14.0</FlightTime>
91             <TripDistance>
92                 <LowFloor>1</LowFloor>
93                 <HighFloor>4</HighFloor>
94             </TripDistance>
95         </InterfloorFlightTimes>
96         <Decks>0</Decks>
97         <Acceleration>1.3</Acceleration>
98     </SpeedProfile>
99     <DoorProfile>
100         <TimeToOpen>2.1</TimeToOpen>
101         <TimeToClose>3.5</TimeToClose>
102         <DwellTime>4.0</DwellTime>
103         <ShortDwellTime>2.0</ShortDwellTime>
104         <TimeToLimitedOpen>1.0</TimeToLimitedOpen>
105         <TimeToLimitedClose>1.0</TimeToLimitedClose>
106     </DoorProfile>
107     <RatedCapacity>90</RatedCapacity>
108 </Car>
109 </Group>
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110 </StaticData>
111 <DynamicData>
112   <Group ID="1">
113     <Car ID="1">
114       <Status>InService</Status>
115       <Floor>3</Floor>
116       <Direction>Down</Direction>
117       <RegisteredCalls>
118         <LandingCall>
119           <Floor>5</Floor>
120           <Direction>Down</Direction>
121         </LandingCall>
122         <CarCall>
123           <Floor>3</Floor>
124         </CarCall>
125         <LandingCall>
126           <Floor>5</Floor>
127           <Direction>Down</Direction>
128         </LandingCall>
129         <CarCall>
130           <Floor>3</Floor>
131         </CarCall>
132         <LandingCall>
133           <Floor>5</Floor>
134           <Direction>Down</Direction>
135         </LandingCall>
136         <CarCall>
137           <Floor>3</Floor>
138         </CarCall>
139       </RegisteredCalls>
140       <Mode>InService</Mode>
141       <Load>10.0</Load>
142     </Car>
143     <Car ID="2">
144       <Status>InService</Status>
145       <Floor>7</Floor>
146       <Direction>Down</Direction>
147       <Load>20.0</Load>
148     </Car>
149     <Car ID="3">
150       <Status>InService</Status>
151       <Floor>10</Floor>
152       <Direction>Down</Direction>
153       <Load>30.0</Load>
154     </Car>
155     <RegisteredCalls>
156       <LandingCall>
157         <Floor>5</Floor>
158         <Direction>Up</Direction>
159       </LandingCall>
160       <LandingCall>
161         <Floor>10</Floor>
162         <Direction>Down</Direction>
163       </LandingCall>
164     </RegisteredCalls>
165   </Group>
```

166 </DynamicData>

167 </LiftInformation>