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<?xml version="1.0" encoding="UTF-8"?>
<!-- Example to illustrate the use of the Standard Elevator Information Schema -->
<!-- This XML document could be used to set up a simulation run covering a period -->
<!-- of 1 hour of passenger arrival demand divided into 12, 5-minute periods -->
<!-- (c) Jonathan Beebe, February 2003 -->
<LiftInformation xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="LiftInfo.xsd">
  <StaticData>
<Building>
  <BuildingName>Birley Conference Plaza</BuildingName>
    <Group ID="String">
    <Algorithm>FSO</Algorithm>
    <Zones>
      <LowFloor>1</LowFloor>
      <HighFloor>3</HighFloor>
    </Zones>
    <Zones>
      <LowFloor>4</LowFloor>
      <HighFloor>8</HighFloor>
    </Zones>
    <Zones>
      <LowFloor>9</LowFloor>
      <HighFloor>12</HighFloor>
    </Zones>
    <Car ID="LiftA">
      <FloorsServed>
        <Range>
          <LowFloor>1</LowFloor>
          <HighFloor>15</HighFloor>
        </Range>
      </FloorsServed>
      <SpeedProfile>
        <RatedSpeed>3.5</RatedSpeed>
        <TimeToRatedSpeed>6.5</TimeToRatedSpeed>
        <TimeToStop>9.0</TimeToStop>
        <InterfloorFlightTimes>
          <FlightTime>110.01</FlightTime>
          <TripDistance>
            <LowFloor>0</LowFloor>
            <HighFloor>0</HighFloor>
          </TripDistance>
          <FlightTime>110.01</FlightTime>
          <TripDistance>
            <LowFloor>0</LowFloor>
            <HighFloor>0</HighFloor>
          </TripDistance>
          <FlightTime>110.01</FlightTime>
          <TripDistance>
            <LowFloor>0</LowFloor>
            <HighFloor>0</HighFloor>
          </TripDistance>
        </InterfloorFlightTimes>
        <Decks>1</Decks>
        <Acceleration>0.8</Acceleration>
      </SpeedProfile>
    </Car>
  </Building>
  <DoorProfile>

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<TimeToOpen>1.5</TimeToOpen>
<TimeToClose>3</TimeToClose>
<DwellTime>3.5</DwellTime>
<ShortDwellTime>1.5</ShortDwellTime>
<TimeToLimitedOpen>0.8</TimeToLimitedOpen>
<TimeToLimitedClose>1</TimeToLimitedClose>
</DoorProfile>
<RatedCapacity>0</RatedCapacity>
</Car>
<GroundFloor>0</GroundFloor>
<PriorityFloors>
  <Floor>4</Floor>
  <WeightingFactor>3</WeightingFactor>
  <Floor>2</Floor>
  <WeightingFactor>2</WeightingFactor>
</PriorityFloors>
<NamedFloor Floor="4" Name="Conference Foyer"/>
<NamedFloor Floor="2" Name="Restaurant"/>
<NamedFloor Floor="1" Name="Basement"/>
</Group>
</Building>
</StaticData>
<Demand DemandType="Passenger">
  <Period>1:0:0</Period>
  <Distribution>Gaussian</Distribution>
  <MaxDemandRate>30</MaxDemandRate>
  <Sample SequenceNumber="1" Repeats="12">
    <Period>0:5:0</Period>
    <Distribution>Constant</Distribution>
    <FloorRates>
      <FloorSetDemandRate>
        <DestinationRate>
          <DirectionRate Rate="30" Direction="Down"/>
          <DirectionRate Rate="30" Direction="Up"/>
        </DestinationRate>
        <Floors>
          <Range>
            <LowFloor>1</LowFloor>
            <HighFloor>3</HighFloor>
          </Range>
          <Floor>10</Floor>
          <Floor>12</Floor>
        </Floors>
      </FloorSetDemandRate>
      <FloorSetDemandRate>
        <DestinationRate>
          <DirectionRate Rate="30" Direction="Down"/>
          <DirectionRate Rate="30" Direction="Up"/>
        </DestinationRate>
        <Floors>
          <Range>
            <LowFloor>4</LowFloor>
            <HighFloor>9</HighFloor>
          </Range>
          <Floor>11</Floor>
        </Floors>
      </FloorSetDemandRate>
    </Sample>
  </Demand>

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        </FloorSetDemandRate>  
    </FloorRates>  
  </Sample>  
  </Demand>  
</LiftInformation>
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