

Scenario 1: Data Processing Host Routine Maintenance

(Subsystems Involved: PLS, MSS, DPS)

System	Interface	Operator
<p>3. Resource planning system provides a report of the planned ground events for the day.</p> <p>5. Performance management application displays list of currently running applications on the specified host.</p> <p>7. Science algorithm terminates. Performance management application removes algorithm from list of running applications.</p> <p>9. Host receives shutdown command(s) and goes off-line.</p>	<p>host planning query ←</p> <p>host planning data →</p> <p>host application performance request ←</p> <p>host application performance data →</p> <p>change host application performance data →</p> <p>shutdown command ←</p>	<p>1. Technician arrives to perform scheduled maintenance on data processing host. Technician informs resource manager that he is ready to begin maintenance.</p> <p>2. Resource manager checks resource planning system to verify that maintenance was scheduled.</p> <p>4. Resource manager confirms schedule, queries performance management application to determine what applications are running on the host.</p> <p>6. Resource manager identifies an application processing science data. Resource manager contacts production monitor, who indicates that according to the processing plan, the algorithm should be finished soon.</p> <p>8. Resource manager receives indication that the scheduled processing application has terminated and initiates shutdown procedure to take host off-line.</p>

Scenario 1: Data Processing Host Routine Maint. (cont.)

