Script 1: This script highlights the GUIs used to perform a typical day's Ingest activities at a Release A DAAC.

Preconditions:

1. The Production Monitor/QA Operator (PM/QA) has logged onto LaRC DAAC Desktop. Identification validated.
2. Remedy Notification Tool is running and iconified.

Steps:

STEP #	TIME	PLAYER	ACTIVITY	GUI
1	0800	Production Monitor/QA Operator (PM/QA)	PM/QA invokes the Ingest Subsystem GUIs.	Invokes the ECS Ingest GUI Interface from the desktop.
2	0805	PM/QA	PM/QA views ongoing Ingest processes.	Invokes Ingest Status Monitoring /Request Control to display ongoing requests at their current state of completion. Ingest Status Monitoring/Request Control is left open to enable the PM/QA to continue to view the ongoing Ingest activities.
3	0815	PM/QA	PM/QA views the previous day's Ingest activity. ERBE and ISSCP Ingest volumes are not as high as expected. Catch-up ingest for the additional data will be scheduled in today's Ingest activities.	Invokes Ingest History Log to a) view the previous day's activities to check for receipt of expected data; and b) generate a standard daily report on the previous day's Ingest activity.

4	0830	PM/QA	PM/QA views Ingest events that occurred prior to the current shift.	Invokes MSS Event Log Browser to identify Ingest events that occurred in the previous shift. *Defer discussion of the MSS Event Log Browser until workshop 2. The MSS Event Log Browser is not implemented at this time.*
5	0845	PM/QA	PM/QA calculates increased data volume required to support catch-up ingest on ERBE and ISSCP data.	Invokes Ingest Threshold Control to increase the data volume limit for the ECS/V0 DAAC interface to accommodate the expected ERBE and ISSCP data volumes.
6	0900	DIT	Ongoing Ingest activities are proceeding normally. The DIT begins physical media ingest work-off for ERBE data received on 8mm tape. The DIT checks in the new media manually.	Invokes Ingest Media to specify media to ingest.
7	1100	PM/QA	PM/QA notes Error Condition: ongoing SAGE II data ingest request is stuck (i.e., the time to perform ingest processing has passed the requested request expiration date/time). Note: processing continues in this case until the request completes or is canceled.	Ingest Status Monitoring/Request Control indicates SAGE II request has passed the requested request expiration date/time. PM/QA receives notification message.
8	1115	PM/QA	PM/QA cancels the SAGE II request. SAGE II data ingest will be retried after the reason for the failure is resolved. The Operations Supervisor will diagnose the reason the request failed in the interim.	Invokes the control features of Ingest Status Monitoring/Request Control to cancel the SAGE II request.

9	1400	Data Specialist (DS)	The DS identifies a potential data/metadata problem with existing ISSCP data. The DS submits a Trouble Ticket (TT) to the LaRC DAAC.	Invokes Remedy User Tools. Invokes Remedy User Tool Submit and fills in the Short Description, Long Description, Submitter (DS) ID, and Submitter Impact. Selects the Submit button.
10	1405	Operations Supervisor (OS)	OS receives notification of new TT.	Notification of new TT is viewed with Remedy Notification Tool.
11	1405	OS	OS assigns TT to Sustaining Engineer (SE).	Invokes Remedy User Tool then lists all TTs using the Remedy User Tool List. Selects the TT that the Remedy Notification Tool just notified him/her of and opens Remedy User Tool Modify Individual. This opens our TT so that OS can review problem. Once TT has been reviewed, OS updates Status of TT from New to Assigned and assigns TT to SE in Remedy User Tool Modify Individual.

12	1435	SE	SE is notified by Remedy via e-mail of the new TT. SE identifies the issue described by TT. The initial diagnosis is that the problem is metadata-related.	Invokes Remedy User Tool then lists all TTs using the Remedy User Tool List. Selects the TT that the e-mail message indicates and opens Remedy User Tool Modify Individual. This opens our TT so that the SE can start work on this problem. On reading the problem descriptions SE invokes Ingest History Log to identify the Request ID associated with the affected data granule. In Remedy User Tool Modify Individual the SE enters Request ID into Resolution Log. Invokes MSS Event Log Browser to identify events associated with the specified Request ID. In Remedy User Tool Modify Individual the SE enters those events into Resolution Log. *The MSS Event Log Browser is not implemented at this time*
13	1600	DS and SE	DS helps evaluate the metadata problem; SE updates Resolution Log and updates Status to Solution Proposed.	SE invokes Remedy User Tool then lists all TTs using the Remedy User Tool List. Selects the TT that the e-mail message and opens Remedy User Tool Modify Individual. Updates Resolution Log with solution details and updates Status of TT from Assigned to Solution Proposed.

14	1630	TT Review Board Chairperson (CP)	CP is notified by Remedy via Remedy Notification Tool of TT with status of Solution Proposed.	Notification of TT with status of Solution Proposed is viewed with Remedy Notification Tool. Invokes Remedy User Tool then lists all TTs using the Remedy User Tool List. Selects the TT that the Remedy Notification Tool just notified him/her of and opens Remedy User Tool Modify Individual. This opens our TT so that the CP can review proposed solution.
15		CP	CP creates report of TTs with status of Solution Proposed. CP presents solution to TT Review Board and solution is approved. A CCR is opened.	Invokes Remedy User Tool, selects status of Solution Proposed, then invokes Remedy User Tool Report. CP chooses Review Board Report and selects Report To Printer. This invokes Remedy User Tool Report Print, selects printer, and print.