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# IDC Reengineering Phase 2

## Elaboration Iteration E1 Marks Processing Stage Complete Storyboards

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November 2015

SAND2015-XXXX

# Brief Description

This architecturally significant use case describes how the Analyst marks a processing stage complete upon completing analysis of an Event Set or an Analysis Time Interval. The Analyst marks an Event Set or Analysis Time Interval complete to allow the Event Set or Analysis Time Interval to proceed to the next processing stage.

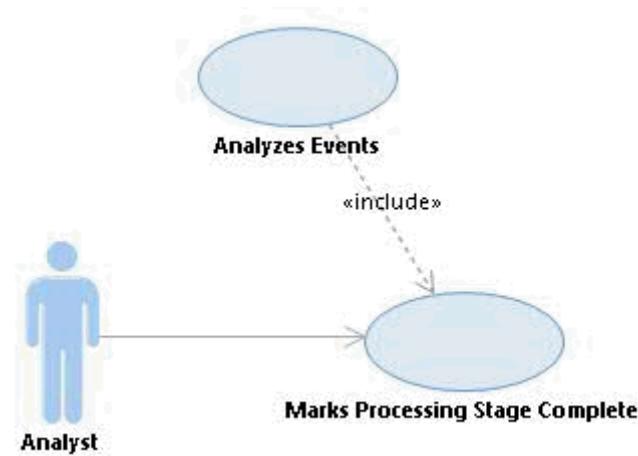
This use case is architecturally significant due to expected changes to the analysis process (including operational concept changes).

# Overview

- The Analyst accesses the interfaces represented by these storyboards from a menu on the workflow display (Analyzes Events UC, Selects Data for Analysis UC)
- These storyboards show how the Analyst marks completion of a processing stage for time intervals, or completion of activities associated with time intervals.

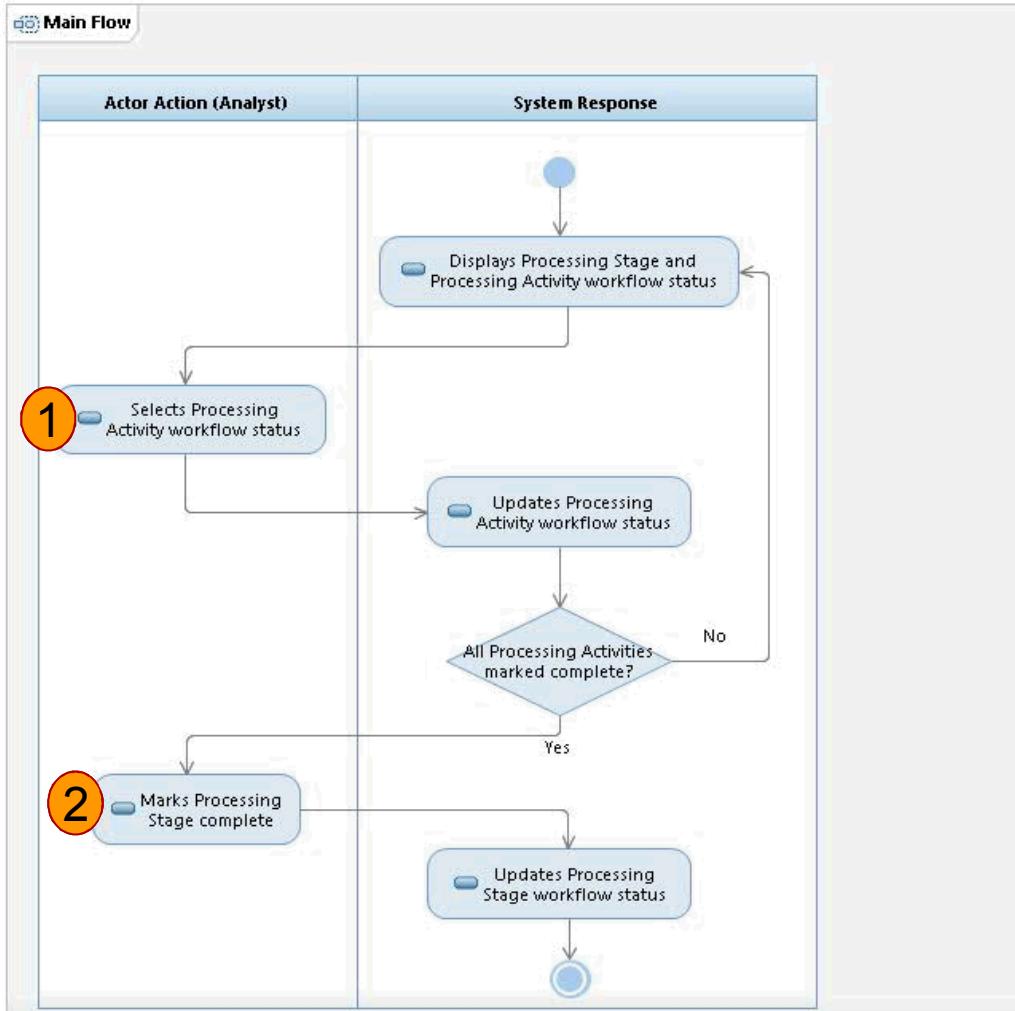
# Marks Processing Stage Complete

## Use Case



# Marks Processing Stage Complete

## Use Case - Main Flow

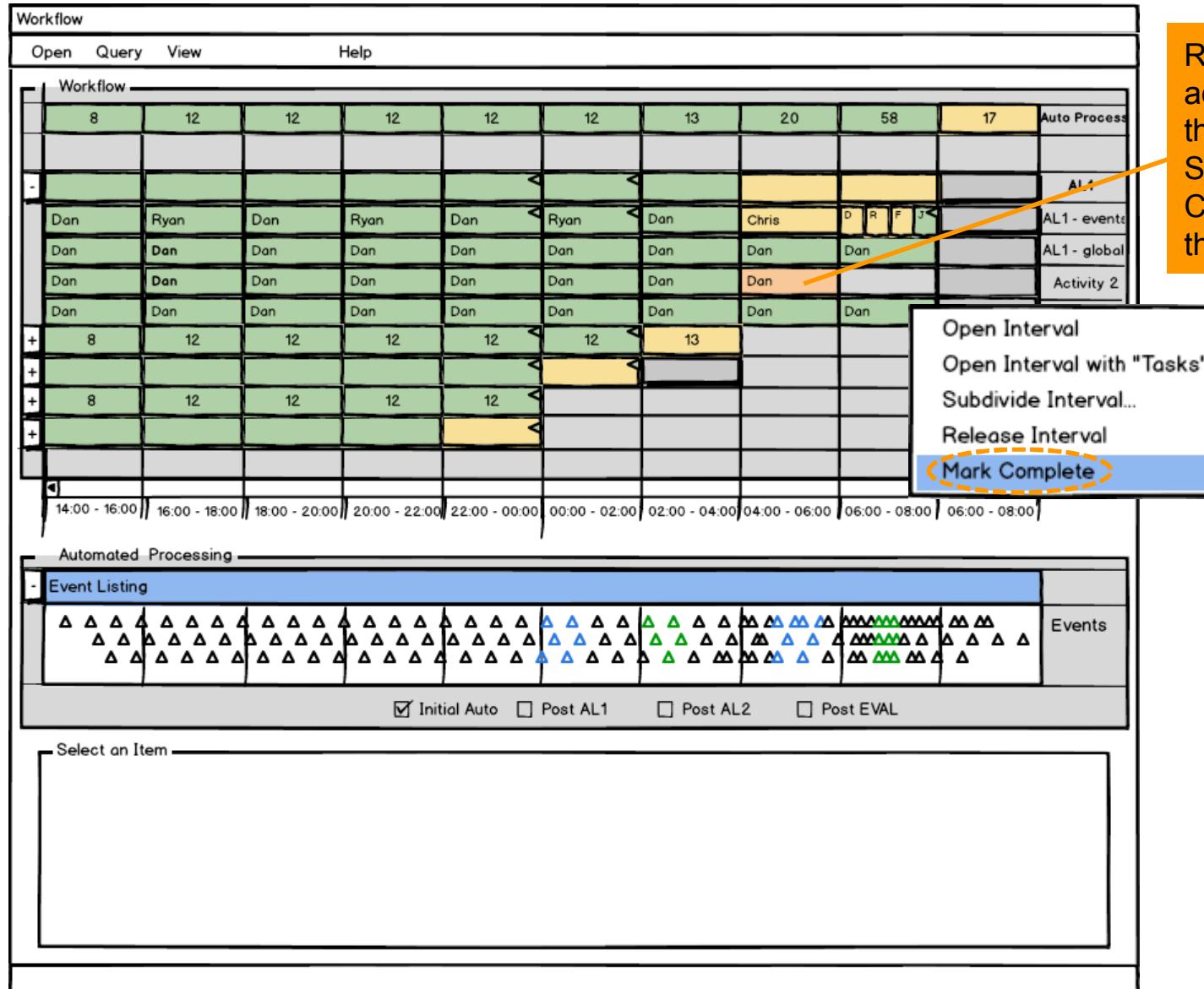


- 1) Selects Processing Activity workflow status
- 2) Marks Processing Stage complete

# 2 Options for Marking Complete

- Mark activity complete
- Mark processing stage interval complete

# 1) Selects Processing Activity workflow status



Right click on an activity interval and the menu appears. Selection of "Mark Complete" completes the selected activity.

# 1) Selects Processing Activity workflow status

Event list

Events to Work    Show events:  before interval  after interval

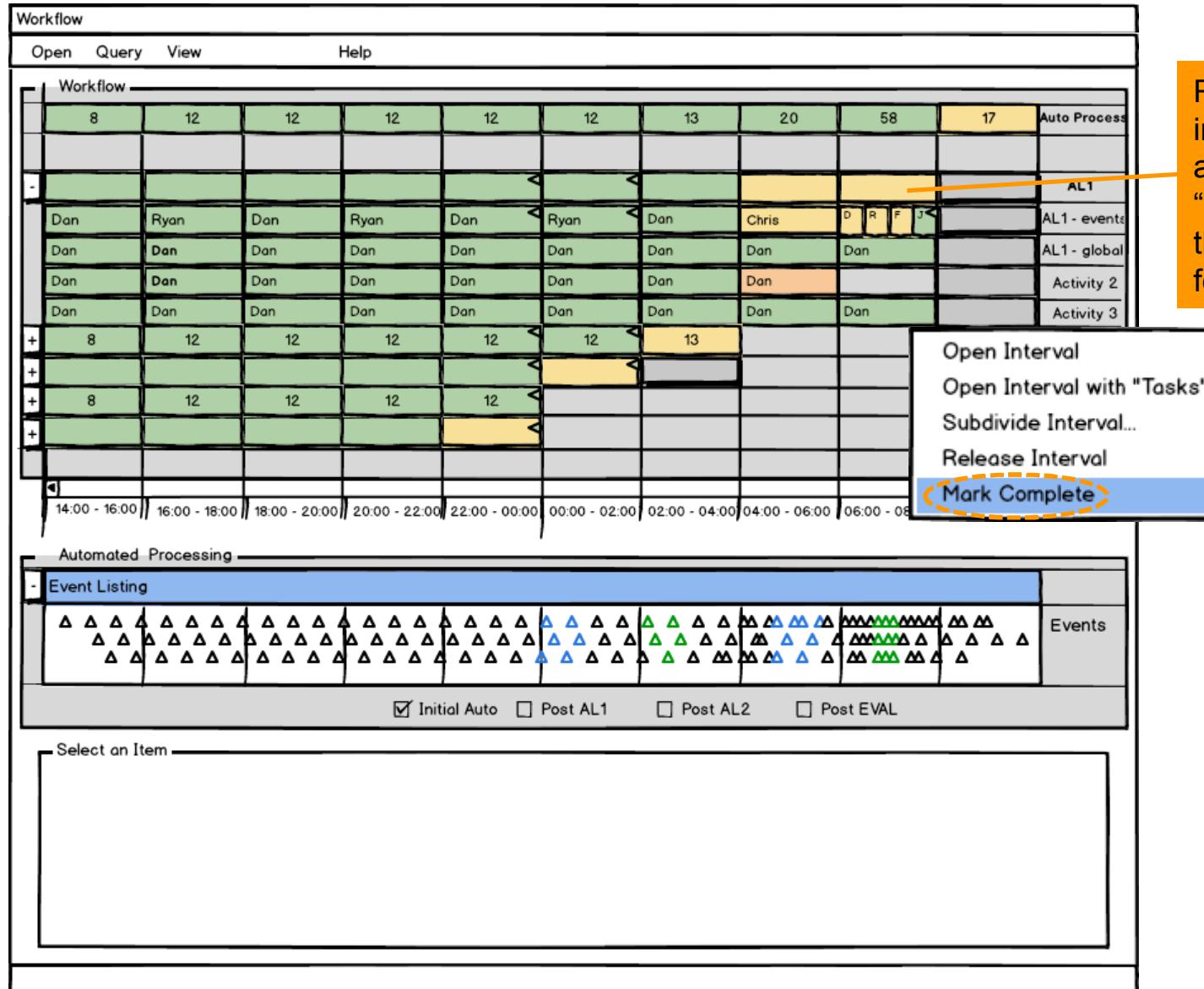
ID	Lat	Lon	Depth	Time	Mag	Region [descriptor]	Worked by	Stage	Active analysts	EQM	Conflict
####	####	####	####	##/##/#### ##.##;##.##	####	XXXX	XXXX	XXXX	XXXX	.##	
####	####	####	####	##/##/#### ##.##;##.##	####	XXXX	XXXX	XXXX	XXXX	.##	
####	####	####	####	##/##/#### ##.##;##.##	####	XXXX	XXXX	XXXX	XXXX	.##	
####	####	####	####	##/##/#### ##.##;##.##	####	XXXX	XXXX	XXXX	XXXX	.##	!
####	####	####	####	##/##/#### ##.##;##.##	####	XXXX	XXXX	XXXX	XXXX	.##	!
####	####	####	####	##/##/#### ##.##;##.##	####	XXXX	XXXX	XXXX	XXXX	.##	
####	####	####	####	##/##/#### ##.##;##.##	####	XXXX	XXXX	XXXX	XXXX	.##	
####	####	####	####	##/##/#### ##.##;##.##	####	XXXX	XXXX	XXXX	XXXX	.##	

Reviewed Events

ID	Lat	Lon	Depth	Time	Mag	Region [descriptor]	Worked by	Stage	Active analysts	EQM	Conflict	Complete
####	####	####	####	##/##/#### ##.##;##.##	####	XXXX	XXXX	XXXX	XXXX	.##		
####	####	####	####	##/##/#### ##.##;##.##	####	XXXX	XXXX	XXXX	XXXX	.##		✓
####	####	####	####	##/##/#### ##.##;##.##	####	XXXX	XXXX	XXXX	XXXX	.##		✓

When all events in an interval have been marked complete the Event Review Activity is marked as complete.

## 2) Marks Processing Stage complete



Right click on an stage interval and the menu appears. Selecting "Mark Complete" on the menu opens the following window.

## 2) Marks Processing Stage complete

Mark AL1 Stage Complete

Events	<input type="radio"/> Not Started	<input checked="" type="radio"/> In Progress	<input type="radio"/> Complete
Scan 1	<input type="radio"/> Not Started	<input type="radio"/> In Progress	<input checked="" type="radio"/> Not Complete
Scan 2	<input type="radio"/> Not Started	<input type="radio"/> In Progress	<input checked="" type="radio"/> Not Complete
<b>Comments</b> <div style="border: 1px solid black; padding: 5px; min-height: 100px;">           fward (AL2) 01/19/2013, 14:12:00         </div>			
<div style="border: 1px solid black; padding: 5px; min-height: 100px;">           POST_AL_11 01/18/2012 04:58:12  <i>Reformed beams for 01/18/2012 03:00:00 - 04:00:00 interval</i> </div>			
<div style="border: 1px solid black; padding: 5px; min-height: 100px;">           cjyoung (AL1) 01/18/2012 05:02:02  <i>Completed 01/18/2012 03:00:00 - 04:00:00 interval</i> </div>			
<input type="button" value="Save"/>		<input type="button" value="Stage Complete"/>	<input type="button" value="Cancel"/>

Cannot mark processing stage complete if some events in the interval have not been completed. System informs the Analyst via a message on the display.

Analyst must complete all events in the interval before the interval is marked complete.

## 2) Marks Processing Stage complete

Cannot mark processing stage complete if scanning activities have not been marked as complete or incomplete. System informs the Analyst via a message on the display.

Mark AL1 Stage Complete

Events	<input type="radio"/> Not Started	<input type="radio"/> In Progress	<input checked="" type="radio"/> Complete
Scan 1	<input type="radio"/> Not Started	<input checked="" type="radio"/> In Progress	<input type="radio"/> Not Complete <input type="radio"/> Complete
Scan 2	<input type="radio"/> Not Started	<input type="radio"/> In Progress	<input type="radio"/> Not Complete <input checked="" type="radio"/> Complete

Comments

fward (AL2) 01/19/2013, 14:12:00
   
  
 POST\_AL\_11 01/18/2012 04:58:12
   
Reformed beams for 01/18/2012 03:00:00 - 04:00:00 interval
   
  
 cjyoung (AL1) 01/18/2012 05:02:02
   
Completed 01/18/2012 03:00:00 - 04:00:00 interval

Save      Stage Complete      Cancel

Analyst can mark scan as complete or incomplete. If incomplete, the Analyst can add a comment describing why the activity was marked incomplete.

## 2) Marks Processing Stage complete

Mark AL1 Stage Complete

Events	<input type="radio"/> Not Started	<input type="radio"/> In Progress	<input checked="" type="radio"/> Complete
1	<input type="radio"/> Not Started	<input type="radio"/> In Progress	<input checked="" type="radio"/> Not Complete
2	<input type="radio"/> Not Started	<input type="radio"/> In Progress	<input type="radio"/> Complete
Comments	cjyoung (AL2) 01/19/2013, 14:12:00		

If the Analyst wants to save changes on this menu without marking the Processing Stage complete the Analyst can select “Save”. A new comment entry is created each time the Analyst clicks Save.

POST\_AL\_11 01/18/2012 04:58:12  
Reformed beams for 01/18/2012 03:00:00 - 04:00:00 interval

cjyoung (AL1) 01/18/2012 05:02:02  
Completed 01/18/2012 03:00:00 - 04:00:00 interval

If the Analyst chooses to discard any changes made on this menu the Analyst can select “Cancel”.

Press “Stage Complete” to mark the stage as complete.