

**264889**

Aptean Ltd  
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# Contents

<b>1 264889.....</b>	<b>1</b>
<b>2 264889 AA-7R69FU POC - POD delete functionality.....</b>	<b>2</b>
<b>3 FUNCTIONAL OVERVIEW.....</b>	<b>3</b>
3.1 Client Requirement.....	3
3.2 Solution.....	3
3.3 Scope.....	3
<b>4 SET-UP.....</b>	<b>4</b>
4.1 Pre-requisites.....	4
4.2 Menu Structure.....	4
4.3 Data.....	4
<b>5 FUNCTIONAL DESCRIPTION.....</b>	<b>5</b>
5.1 Existing Functionality.....	5
5.2 New Functionality.....	10
5.3 Functionality not in scope for this change.....	15
<b>6 References.....</b>	<b>16</b>
<b>7 Document History.....</b>	<b>17</b>
<b>8 Authorised By.....</b>	<b>18</b>

1 264889



## 2 264889 AA-7R69FU POC - POD delete functionality

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## 3 FUNCTIONAL OVERVIEW

### 3.1 Client Requirement

Now user can not amend on a POC-POD record once posted successfully in SAP. This has been noticed that some times POC-POD done via system mistakenly or any other reason but physically material is either still needs to be collected or delivered. In this scenario user is unable to amend any thing on collection / delivery information (e.g. Actual Date-time, Actual quantity etc);

We were raising an EARS call before in order to delete the POC-POD manually by MTS Support Team and now it seems we must have this functionality available with in the MTS. Not all but few users will be having an access to delete the POC - POD record. Currently we require this for selected users only; for IT Super User only.;

21-04-09 (AK) : We do not need message transaction between MTS and SAP on POC-POD deletion. Aramco will delete the POC - POD manually in SAP and then inform us to delete the POC - POD from MTS.;

21-04-09 (AK) : User should be able to resend the POC-POD with the correct information once deleted from MTS.;

30-04-09 (AK) : Aramco first delete the POC - POD from SAP and then Exel delete from MTS so there will be no conflict in SAP.

### 3.2 Solution

The delete POC/POD function will be accessible from the TRIPDTL screen (see functional description for example) If the user has the correct privileges (i.e. IT Super User) a button will be visible and enabled call ?Delete POC/POD?. Clicking this will display a new canvas showing the following record details:

```
?Actual Dispatched Quantity
?Actual Delivered Quantity
?Actual Arrival Date/time
?Actual Depart Date/time
?POC Flag
?POD Flag
?Badge Number (POD Name)
?A non-conformance button
?The comments field on the SCH_HAULAGE_ACTIVITY table will be used to hold any comments.
```

The record will be able to be resent (if Aramco have not removed the original the entry will fail MTS unable to verify records have been deleted from SAP.).

### 3.3 Scope

This change will be applied to system version 10.4.7 on SARTST and once approved SARPRD



## 4 SET-UP

### 4.1 Pre-requisites

None

### 4.2 Menu Structure

Unchanged

### 4.3 Data

A new function ??DELETE\_POC\_POD? will be created. This function will be controlled by adding entry in table ADM\_FN\_ACCESS only giving access to group\_name IT SUPERUSERS and ADMIN.





The screenshot shows the 'Trip Debrief' application window. The menu bar includes 'Action', 'Edit', 'Help', and 'Window'. The toolbar contains navigation buttons: '<<', '<', '>', '>>', '?', '?', and 'Clear'. The main interface has a 'Sched' dropdown and a 'Trip' dropdown. Below these are 'Refresh', 'Filter', 'Order Id' dropdown, a text input, 'Find', and 'Revalidate' buttons. A 'Planned' dropdown is followed by 'Set Status', 'Add Order', and 'Calc Times' buttons. The 'Driver Debrief' tab is selected, showing fields for 'Sched/Trip No', 'Cost Centre', 'Driver', 'Crew 1', 'Crew 2', 'Trip Ref', 'Vehicle', 'Status', 'Owning Depot', 'Container No (Trip)', 'Del Type', 'Carrier', and a 'Trip Amended Flag' checkbox. There are also 'General Comments', 'Rejection Comments', and 'Errors' tabs. A 'Forms' dialog box is open, displaying a message: 'More than 1 trip displayed - use LEFT and RIGHT buttons to move between trips.' The dialog has an 'OK' button. At the bottom of the application window are 'Save/Commit', 'Cancel', and 'Close' buttons.

6



Action MTS Modules Administration Edit Help Window

Trip Debrief

TRIPDTL v2.50.1.30  
MTS v10.4.7

Sched: [ ] Trip: [ ]

Refresh Filter Find Revalidate

Set Status Add Order Calc Times

General Driver Debrief Order Debrief Finance Audit

Sched/Trip No: 090527 MAN-00856301 Trip Ref: M840106M Status: COMPLETED  
 Cost Centre: EXEL Vehicle: D 005 ABQ Owning Depot: MSCABQ  
 Driver: [ ] Container No (Trip): [ ]  
 Crew 1: [ ] Del Type: Standard  
 Crew 2: [ ] Carrier: ExelABQ  
☐ Trip Amended Flag

General Comments Rejection Comments Errors

[ ]

Stop	Planned		Actual		Dep Date	Type	Location	Distance	Drive Mins	Trailer Type	Trailer Id	Activities
	Arr.	Dep.	Arr.	Dep.								
1	27/05/09 02:00	02:30	27/05/09 02:00	02:30	27/05/09	SU	ABQAIQ MSC			Trailer	D 005 ABQ	
2	27/05/09 03:06	03:36	27/05/09 06:30	07:00	27/05/09	PK	ABQAIQ STORES3	33	36	Trailer	D 005 ABQ	
3	27/05/09 05:19	05:49	27/05/09 09:30	09:45	27/05/09	PK	Abqaiq Main Store Warehouse 500	34	37	Trailer	D 005 ABQ	
4	27/05/09 07:32	08:02	27/05/09 09:45	10:00	27/05/09	PK	ABQAIQ STORE	33	36	Trailer	D 005 ABQ	
5	27/05/09 11:32	12:02	27/05/09 10:00	10:30	27/05/09	PK	Abqaiq Plant Materials	132	144	Trailer	D 005 ABQ	
6	27/05/09 15:32	16:02	27/05/09 10:30	11:00	27/05/09	PK	Abqaiq Storage at Warehouse 500	33	36	Trailer	D 005 ABQ	
7	27/05/09 04:12	17:08	27/05/09 11:00	11:30	27/05/09	CL	ABQAIQ MSC	33	36	Trailer	D 005 ABQ	

Save/Commit Cancel Close

Now go to record in question (booking\_ref 20012089700010500)



Action MTS Modules Administration Edit Help Window

Trip Debrief

TRIPDTL v2.50.1.30  
MTS v10.4.7

Sched:  Trip:

Refresh Filter Find Revalidate

Set Status Add Order Calc Times

General Driver Debrief Order Debrief Finance Audit

Act	Stop	Load		Unload		Booking Ref	Line	Prod Type	DU Type	Quantity			Weight		Volume		POC	POD
		Location	Stop	Location	Stop					Plan	Despatchd	Delivered	Plan	Actual	Plan	Actual		
C	6	Abqaiq Storage at W	7	ABQAIQ DRILLING M	7	20012085950001500	1	AMBIENT	PLT	1.000	1.000	1.000	1.00	1.00				
C	3	Abqaiq Main Store	7	UTHMANIYAH STC	7	20012089870010500	1	AMBIEN	BDL	1.000	1.000	1.000	1.00	0.00				
C	3	Abqaiq Main Store W	7	UTHMANIYAH STC	7	20012089840010500	1	AMBIENT	PKG	1.000	1.000	1.000	1.00	0.00				
C	3	Abqaiq Main Store W	7	JUAYMAH J. STORE	7	20012089440010500	1	AMBIENT	PKG	1.000	1.000		1.00	0.00				
C	4	ABQAIQ STORE	7	DHAHRAN NORTERN	7	20012089490001500	1	AMBIENT	PLT	1.000	1.000		1.00	0.00				
C	6	Abqaiq Storage at W	7	WATER WELL MAIN	7	20012087670001500	1	AMBIENT	BDL	1.000	1.000		1.00	0.00				
C	6	Abqaiq Storage at W	7	WATER WELL MAIN	7	20012089420001500	1	AMBIENT	BDL	1.000	1.000		1.00	0.00				
C	6	Abqaiq Storage at W	7	ABQAIQ DRILLING M	7	20012088390001500	1	AMBIENT	PLT	1.000	1.000		1.00	0.00				

Select All POC's ☐ POD

Select All POD's ☐ POD

Non Conformance POD/CMR No 126354

Stop	Planned		Actual		Dep Date	Type	Location	Distance	Drive Mins	Trailer Type	Trailer Id	Activities
	Arr.	Dep.	Arr.	Dep.								
1	27/05/09	02:00	27/05/09	02:30	27/05/09	SU	ABQAIQ MSC			Trailer	D 005 ABQ	
2	27/05/09	03:06	27/05/09	06:30	27/05/09	PK	ABQAIQ STORES3	33	36	Trailer	D 005 ABQ	
3	27/05/09	05:19	27/05/09	09:30	27/05/09	PK	Abqaiq Main Store Warehouse 50	34	37	Trailer	D 005 ABQ	
4	27/05/09	07:32	27/05/09	09:45	27/05/09	PK	ABQAIQ STORE	33	36	Trailer	D 005 ABQ	
5	27/05/09	11:32	27/05/09	10:00	27/05/09	PK	Abqaiq Plant Materials	132	144	Trailer	D 005 ABQ	
6	27/05/09	15:32	27/05/09	10:30	27/05/09	PK	Abqaiq Storage at Warehouse 500	33	36	Trailer	D 005 ABQ	
7	27/05/09	04:12	27/05/09	11:00	27/05/09	CL	ABQAIQ MSC	33	36	Trailer	D 005 ABQ	

Save/Commit Cancel Close

If the user right-mouse clicks on a field it brings up a sub-menu. The menu item ?Show Detail? is not in use by Aramco, therefore this will be adapted to handle Delete POC/POD functionality and be renamed Delete POC/POD. This will only be accessible to Super Users.



Action MTS Modules Administration Edit Help Window

Trip Debrief

TRIPDTL v2.50.1.30  
MTS v10.4.7

Sched:  Trip:

Refresh Filter  Find Revalidate

Set Status Add Order Calc Times

General Driver Debrief Order Debrief Finance Audit

Act	Stop	Load		Unload		Booking Ref	Line	Prod Type	DU Type	Quantity			Weight		Volume		POC	POD
		Location	Stop	Location	Stop					Plan	Despatchd	Delivered	Plan	Actual	Plan	Actual		
C	2	ABQAIQ STORES3	7	JUAYMAH GAS M	7	20012089480001500	1	AMBIEN	CTN	1.000	1.000	1.000	1.00	0.00				
C	6	Abqaiq Storage at W	7	ABQAIQ DRILLING M	7	20012085950001500	1	AMBIEN	PLT	1.000	1.000	1.000	1.00	1.00				
C	3	Abqaiq Main Store W	7	UTHMANIYAH STOR	7	20012089870010500	1	AMBIEN	BDL	1.000	1.000	1.000	1.00	0.00				
C	3	Abqaiq Main Store W	7	UTHMANIYAH STOR	7	20012089840010500	1	AMBIEN	PKG	1.000	1.000	1.000	1.00	0.00				
C	3	Abqaiq Main Store W	7	JUAYMAH J. STORE	7	20012089440010500	1	AMBIEN	PKG	1.000	1.000		1.00	0.00				
C	4	ABQAIQ STORE	7	DHAHRAN NORTERN	7	20012089490001500	1	AMBIEN	PLT	1.000	1.000		1.00	0.00				
C	6	Abqaiq Storage at W	7	WATER WELL MAIN	7	20012087670001500	1	AMBIEN	BDL	1.000	1.000		1.00	0.00				
C	6	Abqaiq Storage at W	7	WATER WELL MAIN	7	20012089420001500	1	AMBIEN	BDL	1.000	1.000		1.00	0.00				

Select All POC's ☐ POD

Select All POD's ☐ POD

Non Conformance POD/CMR No 8862486

Stop	Planned		Actual		Dep Date	Type	Location	Distance	Drive Mins	Trailer Type	Trailer Id	Activities
	Arr.	Dep.	Arr.	Dep.								
1	27/05/09	02:00	02:30	27/05/09	02:00	02:30	27/05/09	SU	ABQAIQ MSC			
2	27/05/09	03:06	03:36	27/05/09	06:30	07:00	27/05/09	PK	ABQAIQ STORES3	33	36	
3	27/05/09	05:19	05:49	27/05/09	09:30	09:45	27/05/09	PK	Abqaiq Main Store Warehouse 57	34	37	
4	27/05/09	07:32	08:02	27/05/09	09:45	10:00	27/05/09	PK	ABQAIQ S	33	36	
5	27/05/09	11:32	12:02	27/05/09	10:00	10:30	27/05/09	PK	Abqaiq PI	132	144	
6	27/05/09	15:32	16:02	27/05/09	10:30	11:00	27/05/09	PK	Abqaiq ST	33	36	
7	27/05/09	04:12	17:08	27/05/09	11:00	11:30	27/05/09	CL	ABQAIQ M	33	36	

Save/Commit

Assign Trailer Type  
Remove Trailer Type  
Assign Trailer Id  
Remove Trailer Id  
Insert Stop  
Append Stop  
Delete Stop  
Abort Stop  
Show Detail

Move Stop



Action MTS Modules Administration Edit Help Window

TRIPDTL v2.50.1.30  
MTS v10.4.7

<< < > >> ? ? Clear

Sched Refresh Find Revalidate

General Driver

Act Stop	Load	Location
C 2	ABQAIQ STO	
C 6	Abqaiq Storage	
C 3	Abqaiq Main St	
C 3	Abqaiq Main St	
C 3	Abqaiq Main St	
C 4	ABQAIQ STORI	
C 6	Abqaiq Storage	
C 6	Abqaiq Storage at W	

Unique Stop ID
2501692
Waybills

Actual Weight on Departure
25.00

Actual Volume on Departure
0.000000

Activity	Cust Ref	Comments
1 Load		comments
2 Load		
3 Load		
4 Load		
5 Load		

Save
Cancel
Delete
Close

Select All POC's
☐
POC

Select All POD's
☐
POD

Non Conformance
POD/CMR No
8862486

Stop	Planned		Actual		Dep Date	Type	Location	Distance	Drive Mins	Trailer Type	Trailer Id	Activities
	Arr.	Dep.	Arr.	Dep.								
1	27/05/09	02:00	02:30	27/05/09	02:00	27/05/09	SU	ABQAIQ MSC				
2	27/05/09	03:06	03:36	27/05/09	06:30	27/05/09	PK	ABQAIQ STORES3	33	36	Trailer	D 005 ABQ
3	27/05/09	05:19	05:49	27/05/09	09:30	27/05/09	PK	Abqaiq Main Store Warehouse 50	34	37	Trailer	D 005 ABQ
4	27/05/09	07:32	08:02	27/05/09	09:45	27/05/09	PK	ABQAIQ STORE	33	36	Trailer	D 005 ABQ
5	27/05/09	11:32	12:02	27/05/09	10:00	27/05/09	PK	Abqaiq Plant Materials	132	144	Trailer	D 005 ABQ
6	27/05/09	15:32	16:02	27/05/09	10:30	27/05/09	PK	Abqaiq Storage at Warehouse 500	33	36	Trailer	D 005 ABQ
7	27/05/09	04:12	17:08	27/05/09	11:00	27/05/09	CL	ABQAIQ MSC	33	36	Trailer	D 005 ABQ

Save/Commit
Cancel
Close

## 5.2 New Functionality

Delete functionality will only be accessible to limited users.



Oracle Developer Forms Runtime - Web

Action MTS Modules Administration Edit Help Window

Trip Debrief

TRIPDTL v2.50.1.30  
MTS v10.4.7

Sched 090527 Trip: MAN-00856301

Refresh Filter Trip Id MAN-00856301 Find Revalidate

Set Status Add Order Calc Times

General Driver Debrief Order Debrief Finance Audit

Sched/Trip No 090527 MAN-00856301 Trip Ref M840106M Status COMPLETED

Cost Centre EXEL Vehicle D 005 ABQ Owning Depot MSCABQ

Driver Container No (Trip)

Crew 1 Del Type Standard

Crew 2 Carrier ExelABQ

General Comments Rejection Comments Errors

☐ Trip Amended FI...

Stop	Planned Arr.	Planned Dep.	Actual Arr.	Actual Dep.	Dep Date	Type	Location	Distance	Drive Mins	Trailer Type	Trailer Id	Activities
1	27/05/09 02:00	02:30	27/05/09 02:00	02:30	27/05/09	SU	ABQAIQ MSC			Trailer	D 005 ABQ	
2	27/05/09 03:06	03:36	27/05/09 06:30	07:00	27/05/09	PK	ABQAIQ STORES3	33	36	Trailer	D 005 ABQ	
3	27/05/09 05:19	05:49	27/05/09 09:30	09:45	27/05/09	PK	Abqaiq Main Store Warehouse 500	34	37	Trailer	D 005 ABQ	
4	27/05/09 07:32	08:02	27/05/09 09:45	10:00	27/05/09	PK	ABQAIQ STOR	33	36	Trailer	D 005 ABQ	
5	27/05/09 11:32	12:02	27/05/09 10:00	10:30	27/05/09	PK	Abqaiq Plant M	132	144	Trailer	D 005 ABQ	
6	27/05/09 15:32	16:02	27/05/09 10:30	11:00	27/05/09	PK	Abqaiq Stora	33	36	Trailer	D 005 ABQ	
7	27/05/09 04:12	17:08	27/05/09 11:00	11:30	27/05/09	CL	ABQAIQ MSC	33	36	Trailer	D 005 ABQ	

Save/Commit

- Assign Trailer Type
- Remove Trailer Type
- Assign Trailer Id
- Remove Trailer Id
- Insert Stop
- Append Stop
- Delete Stop
- Abort Stop
- Show Detail
- Delete POC/POD
- Assign Trailer
- Remove Trailer
- Move Stop to New Trip

Move Stop



Oracle Developer Forms Runtime - Web

Action MTS Modules Administration Edit Help Window

Trip Debrief

TRIPDTL v2.50.1.30  
MTS v10.4.7

Sched 090527 Trip: MAN-00856301

Refresh Filter Trip Id MAN-00856301 Find Revalidate

Set Status Add Order Calc Times

General Driver Debrief Order Debrief Finance Audit

Sched/Trip No 090527 MAN-00856301 Trip Ref M840106M Status COMPLETED

Cost Centre EXEL Vehicle D 005 ABQ Owning Depot MSCABQ

Driver Crew 1 Crew 2 Container No (Trip) Del Type Standard Carrier ExelABQ

General Comments Rejection Comments Errors

Trip Amended FI...

Forms

You do not have privilege to delete POC/POD. Please contact your system administrator.

Stop	Planned Arr.	Planned Dep.	Actual Arr.	Actual Dep.	Dep Date	Type	Location	Trailer	Vehicle	Activities
1	27/05/09 02:00	27/05/09 02:30	27/05/09 02:00	27/05/09 02:30	27/05/09	SU	ABQAIQ MSC			
2	27/05/09 03:06	27/05/09 03:36	27/05/09 06:30	27/05/09 07:00	27/05/09	PK	ABQAIQ STOP			
3	27/05/09 05:19	27/05/09 05:49	27/05/09 09:30	27/05/09 09:45	27/05/09	PK	Abqaiq Main S			
4	27/05/09 07:32	27/05/09 08:02	27/05/09 09:45	27/05/09 10:00	27/05/09	PK	ABQAIQ STORE	33	36	Trailer D 005 ABQ
5	27/05/09 11:32	27/05/09 12:02	27/05/09 10:00	27/05/09 10:30	27/05/09	PK	Abqaiq Plant Materials	132	144	Trailer D 005 ABQ
6	27/05/09 15:32	27/05/09 16:02	27/05/09 10:30	27/05/09 11:00	27/05/09	PK	Abqaiq Storage at Warehouse 500	33	36	Trailer D 005 ABQ
7	27/05/09 04:12	27/05/09 17:08	27/05/09 11:00	27/05/09 11:30	27/05/09	CL	ABQAIQ MSC	33	36	Trailer D 005 ABQ

Save/Commit Cancel Close

If a user has permission to delete POC/POD a canvas will display allowing users to amend the record and save, this will mark the current record as ?DELETED? and create another replacement POC/POD.



Oracle Developer Forms Runtime - Web

Action MTS Modules Administration Edit Help Window

Trip Debrief

TRIPDTL v2.50.1.30  
MTS v10.4.7

Sched 090527 Trip: Trip Id MAN-00856301 Find Revalidate

Refresh Filter

Delete POC/POD

Stop Stop

No	Type	Schedule	Trip Id	Location Id	Location	Actual Arrive	Actual Depart	Pod Name
3	PK	090527	MAN-00856301	M001-S500	Abqaiq Main Store Warehouse 500	27/05/09 09:31	27/05/09 09:45	

Non Conformance

Associated Collection/Deliveries

Booking Ref	To Loc	Despatched Quantity	Delivered Quantity	POC	POD
20012090970001500	B005-463/TOM	0	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20012089840010500	A002-C532	0	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20012089660010500	B01A-C531	0	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20012089380010500	A004-C321	0	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20012089450010500	A001-C422	0		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Save/Commit Cancel Close

Stop	Planned Arr.	Dep.	Actual Arr.	Dep.	Dep Date	Type	Location	Distance	Drive Mins	Trailer Type	Trailer Id	Activities
1	27/05/09 02:00	02:30	27/05/09 02:00	02:30	27/05/09	SU	ABQAIQ MSC			Trailer	D 005 ABQ	
2	27/05/09 03:06	03:36	27/05/09 06:30	07:00	27/05/09	PK	ABQAIQ STORES3	33	36	Trailer	D 005 ABQ	
3	27/05/09 05:19	05:49	27/05/09 09:31	09:45	27/05/09	PK	Abqaiq Main Store Warehouse 500	34	37	Trailer	D 005 ABQ	
4	27/05/09 07:32	08:02	27/05/09 09:45	10:00	27/05/09	PK	ABQAIQ STORE	33	36	Trailer	D 005 ABQ	
5	27/05/09 11:32	12:02	27/05/09 10:00	10:30	27/05/09	PK	Abqaiq Plant Materials	132	144	Trailer	D 005 ABQ	
6	27/05/09 15:32	16:02	27/05/09 10:30	11:00	27/05/09	PK	Abqaiq Storage at Warehouse 500	33	36	Trailer	D 005 ABQ	
7	27/05/09 04:12	17:08	27/05/09 11:00	11:30	27/05/09	CL	ABQAIQ MSC	33	36	Trailer	D 005 ABQ	

Save/Commit Cancel Close

Move Stop ^ v

When the record has been saved, the result will be able to be viewed in the INT\_ERR screen

When POC/POD the outbound message will be updated with username and time of deletion e.g.. ?POC/POD Deleted by ABDULQADIRA on 22/06/2009 09:00:00 by delete function in TRIPDTL?

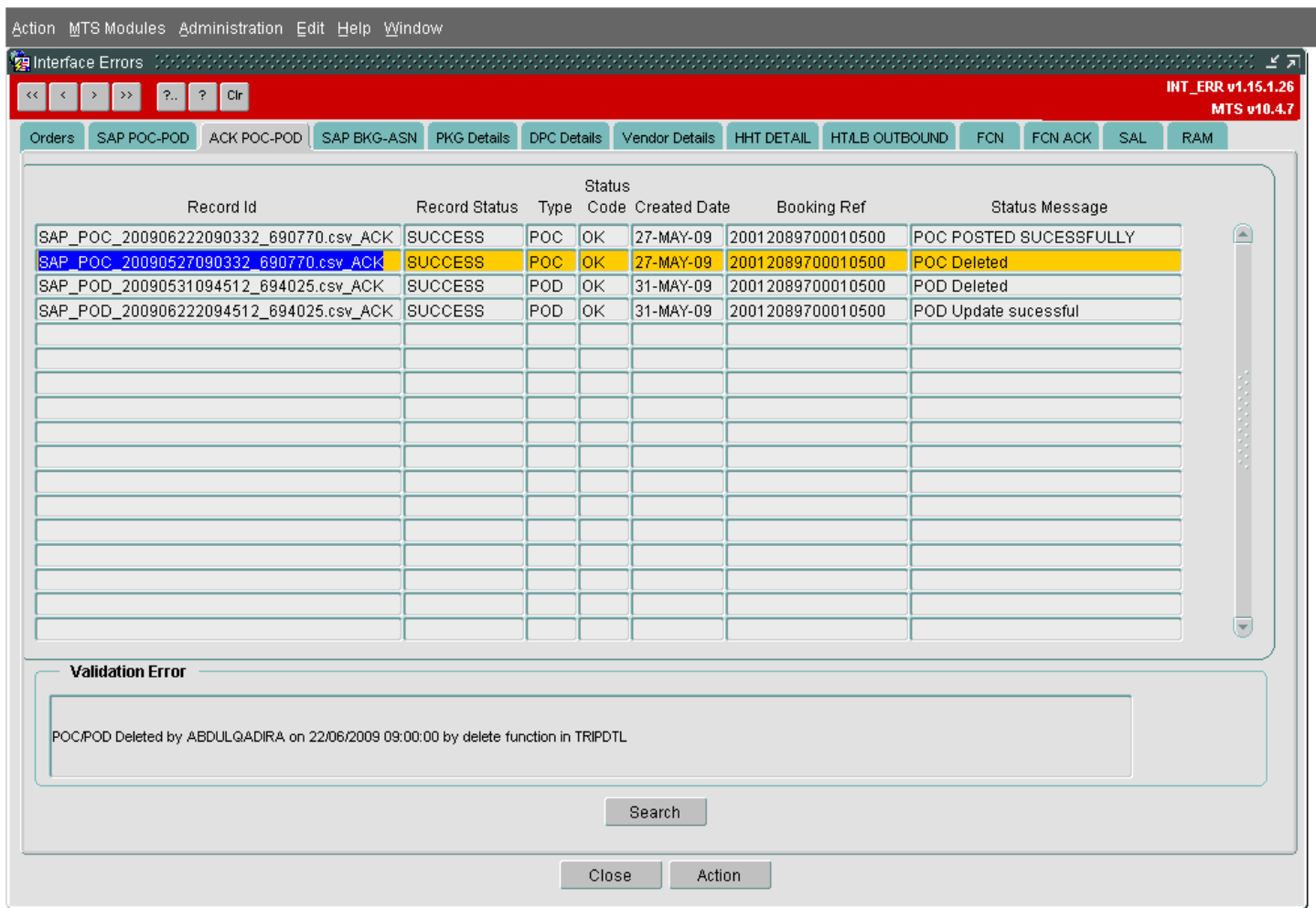


[illegible]

When POC/POD the acknowledgment record message will be updated with username and time of deletion e.g..  
?POC/POD Deleted by ABDULQADIRA on 22/06/2009 09:00:00 by delete function in TRIPDTL? PLUS the Status  
Message will be set to ?POC/D Deleted.?







All changes will be written to the TRIP audit table and ADM\_LOG to enable monitoring.

### 5.3 Functionality not in scope for this change.

?Revenue Accounting Module:No change

?Exports for POC/POD(e.g. SAR POC POD Validation, SAR POC POD Acknowledgement Exceptions):No change.

?If Aramco/SAP have not removed the original the entry, and second POC/POD sent the record will fail within



## 6 References

Ref No	Document Title & ID	Version	Date
EST-264889	Est-265889 RIO AA-FR69FU POC-POD delete functionality v1.0.doc	1.0	11/05/08



## 7 Document History

Version	Date	Status	Reason	Initials
0.1	11/06/09	Draft	Initial version	CBW
1.0	15/06/09	Issue	Reviewed and Issued	MJC
2.0	23/06/09	Issue	Issued	C2W
2.1	30/06/09	Draft	Revised after correspondence from AK	C2W
3.0	01/07/09	Issue	Reviewed and Issued	MJC



## 8 Authorised By

<b><i>Matt Crisford</i></b>	Development Manager
<b><i>Suk Sandhu</i></b>	TMSCC MTS Product Manager

