Proposed Solution

No.	Ticket #	Description	Requests	Proposed Solution
1.	I-PhIS012795515S	Radiopharma Stock Verification - Update calculation for Activity Variation	i. Add value to display Expected Activity and Date Time ii. Activity Variation should calculate based on variation between Expected Activity and Measured Activity	• Add value to display Expected Activity and Date Time. • Activity Variation should calculate based on variation between Expected Activity and Measured Activity. • Display Expiry Date and Time. Auto generate based on Calibration Date/Time and Expiry Duration as setup in Radiopharma Setup. • Mandatory only for Calibration Activity and Measured Activity.
2.	I-PhIS012792715S	Display Expiry Date and Time. Auto generate based on Calibration Date/Time and Expiry Duration as setup in Radiopharma Setup.	Display Expiry Date and Time. Auto generate based on Calibration Date/Time and Expiry Duration as setup in Radiopharma Setup.	
3.	I-PhIS012795415S	Radiopharma Stock Verification - Update mandatory field	Mandatory only for Calibration Activity and Measured Activity	

Function Flow	Radiopharma Stock Verification in current Version 1.3.8	Radiopharma Stock Verification in new Version 1.4.1
1. Screen function	Stock Verification screen Record is displayed when Receiving – Intra Facility transaction done for non-compounded radiopharma item. Double click on any record, screen as below is displayed: 	Stock Verification – From Receiving Intra-Facility 1. Added options to view list 'From Receiving Intra-Facility' or 'From Generator Elution/Kit Preparation'. 2. When 'From Receiving Intra-Facility' selected, record is displayed from Inventory – Receiving (Intra) transaction: 3. When double click any records, system will display as below. Click on any drug listed to display the details section:
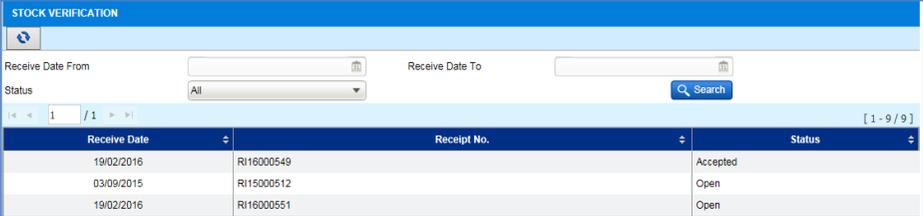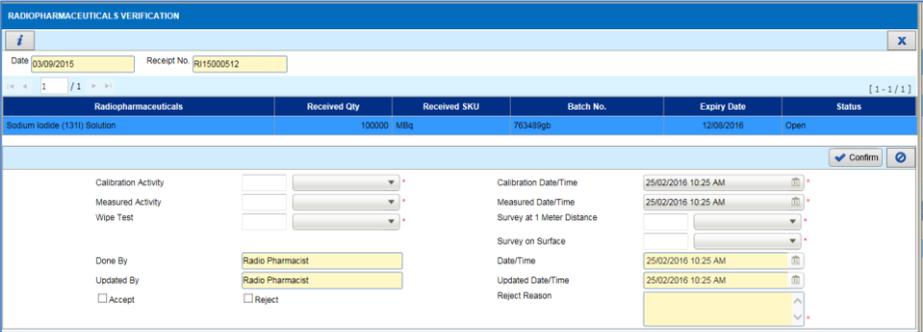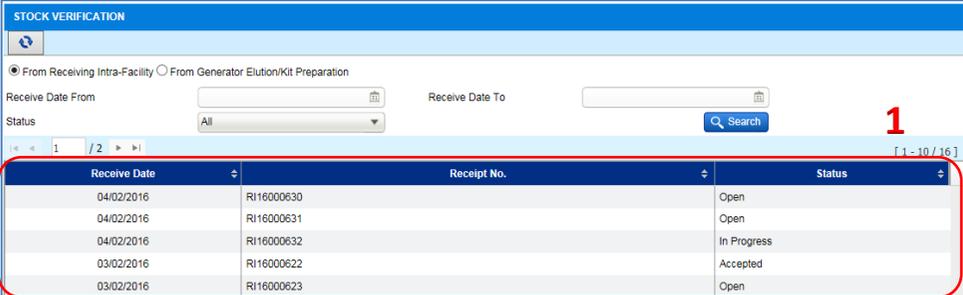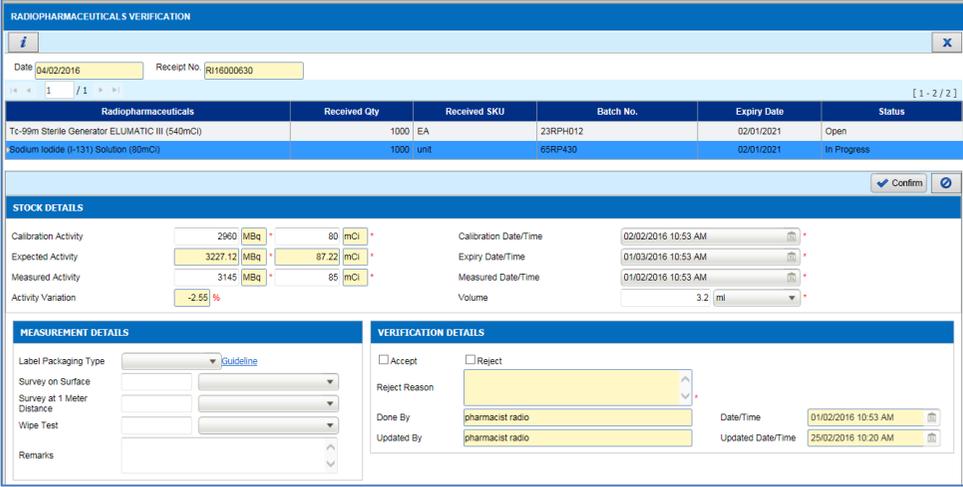
No.	New fields	Description
a.	UOM	Able to enter both MBq and mCi. When either one value entered, system auto-calculate the other value.

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		b.	Expected Activity	System auto-calculate the activity value based on the Calibration Activity, Calibration Date/Time and Measured Date/Time.
		c.	Activity Variation	Value is the percentage of the difference between Expected Activity and Measured Activity, calculation: (Measured Activity – Expected Activity) / Expected Activity x 100% Once Activity Variation not within range (+ -) 5 %, pop up alert will display for user to enter remarks.
		d.	Expiry Date	Auto calculate based on Calibration Date/Time and Expiry Duration as setup in Radiopharma setup screen.
		e.	Volume	New field for user to enter Volume for each item. Able to choose UOM either 'ml' or 'capsule'. Mandatory when confirm record.
		f.	Label Packaging Type	Values are: - White I - Yellow II - Yellow III - Yellow III (a)
		g.	Survey at 1 Meter Distance	Updated UOM values: - mR/hr - mSv/hr
		h.	Survey on Surface	Updated UOM values: - mR/hr mSv/hr

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		4. Click on Label Packaging Type – Guidelines hyperlink and pop up as below is displayed: When value is entered in Survey on Surface, when Confirm record system will validate the value with the criteria above. If not fulfill, remarks is mandatory to Accept and Confirm the record. 5. When the item type is generator, fields display as below, a. Hide non-related fields. b. Generator Batch Code: New field only for Generator item to specify code to be used during Generator Elution as the Product Batch No. Value is mandatory, resticted to only 2 chars and no duplicate allowed for the same year. c. Year: New field to specify the year to differentiate the code refers to which year.

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		d. Click on 'Batch Code History' hyperlink: Screen as below is displayed as the summary of all Generator Batch with the Batch Code and Year. **BATCH CODE HISTORY** **Stock Verification – From Generator Elution/Kit Preparation** 1. When 'From Generator Elution/Kit Preparation' selected, record is displayed from Radiopharma Manufacturing – Generator Elution or Kit Preparation transaction: **STOCK VERIFICATION**

Function Flow	Radiopharma Stock Verification in current Version 1.3.8	Radiopharma Stock Verification in new Version 1.4.1
		2. When double click any record on the listing, system will display as below: Only fields above is displayed. Record is auto-created as Accepted once user Approve the Generator Elution or Kit Preparation record.