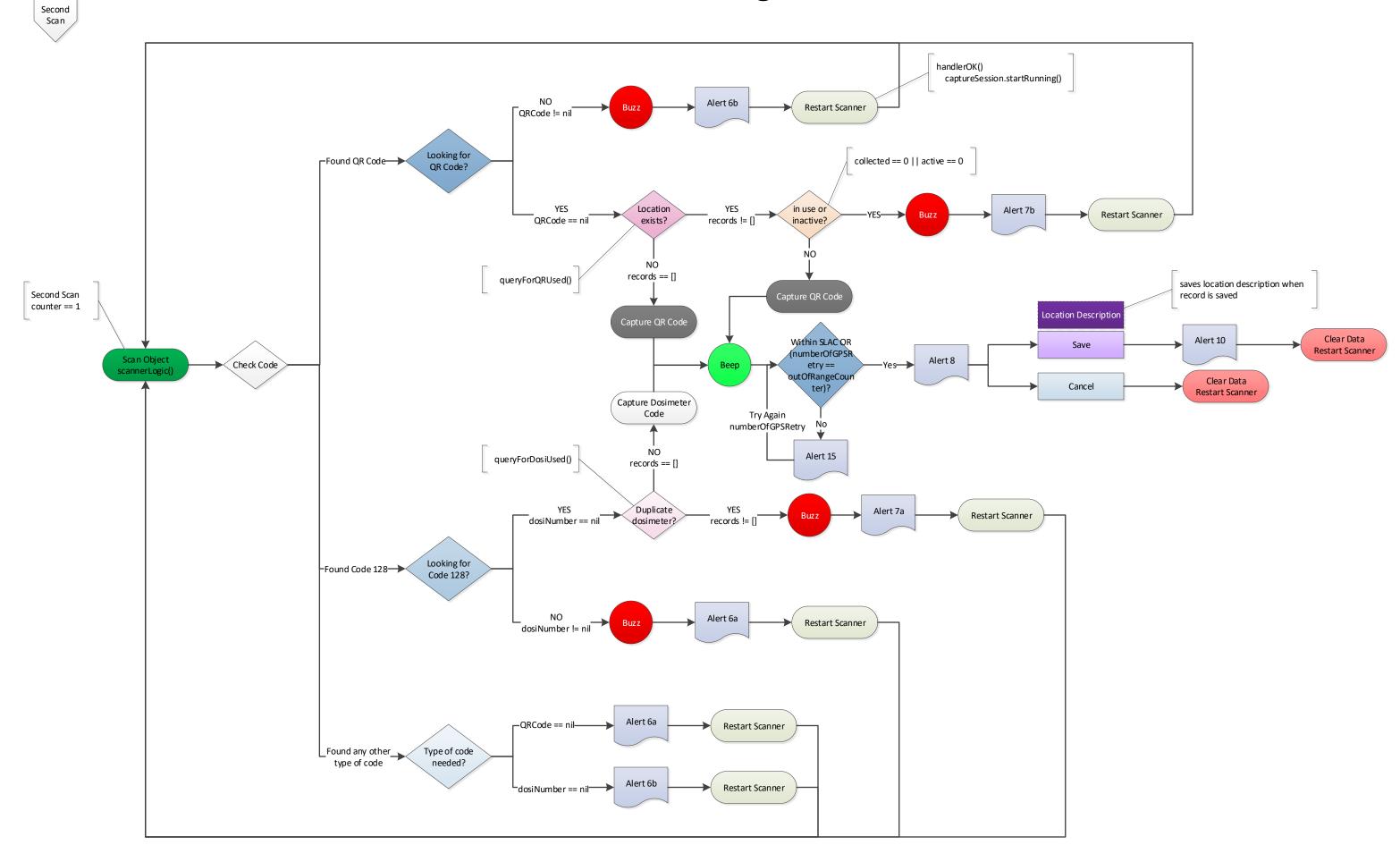
First Scan Logic Tree deploy() queryForDosiFound() counter = 1 beep() Alert 4 Found Code 128—Capture Dosimeter Dosimeter in NO Alert 1 Database? itemRecord == nil Cancel Restart Scanner handlerCancel() beepFail() clearData() captureSession.startRunning() itemRecord != nil YES Clear Data OK collected == 1 Restart Scanner Collected? Clear Data Alert 13 Restart Scanner saves mismatch flag when First Scan collect() Exchange/Collect is selected counter == 0 Mismatch Switch NO Cycledate collected == 0 == current Alert 3 Alert 11a Scan Object Check Code Collect cycle date? Exchange clear: dosi, QR Alert 3a Clear Data Cancel YES Restart Scanner active == 1 scannerLogic() First Scan Active? QRCode Second Scan Mismatch Switch Second Scan page 2. active == 0 Clear Data Alert 11 Collect Clear Data Cycledate Cancel == current NO cycle date? collected == 0 Clear Data Alert 13 Restart Scanner Clear Data OK active == 0 Restart Scanner Collected? Active? collected == 1 (or no dosimeter at location) Alert 5 Deploy queryforQRFound() YES YES Alert 2 itemRecord != nil active == 1 Clear Data Cancel Found QR Code Capture QR Code NO Location in Beep itemRecord == nil Database? \_Found any other Alert 9 type of code

# Second Scan Logic Tree



# Alert 1 DOSIMETER NOT FOUND: <Dosimeter#>

# [DEPLOY] [CANCEL]

# Alert 2 LOCATION FOUND/ **NEW LOCATION:** <QRCode>

[DEPLOY]

[CANCEL]

## Alert 2a **INACTIVE LOCATION:** <QRCode> Please activate this location to deploy a dosimeter. [OK]

# **EXCHANGE DOSIMETER:** <Dosimeter #> LOCATION: <QRCode> {MISMATCH switch} [EXCHANGE] [CANCEL]

Alert 3a

# **COLLECT DOSIMETER:** <Dosimeter #> LOCATION: <QRCode> {MISMATCH switch} [COLLECT] [CANCEL]

Alert 3i



# Alert 4 **SCAN ACCEPTED**

Dosimeter barcode accepted <Dosimeter#>. Please scan the corresponding location code. {photo} [OK]

### Alert 5

SCAN ACCEPTED Location code accepted <QRCode>. Please scan the corresponding dosimeter.

> {photo} [OK]

#### Alert 6a

**ERROR** 

Try again...Please scan the corresponding location code. {photo} [OK]

### Alert 6b

**ERROR** 

Try again...Please scan the corresponding dosimeter. {photo} [OK]

### Alert 7a **DUPLICATE DOSIMETER:**

<Dosimeter#>

Try again...Please scan a new dosimeter. {photo} [OK]

# Alert 7b LOCATION IN USE/

<QRCode>

**INACTIVE LOCATION:** 

Try again...Please scan a different location. {photo} [OK]

#### Alert 8

**DEPLOY DOSIMETER:** 

<Dosimeter#>

LOCATION:

<QRCode>

{LOCATION textfield} [SAVE] [CANCEL]

#### Alert 9

**INVALID BARCODE TYPE** Please scan either a dosimeter

[OK]

or a location barcode.

#### Alert 9a

**INVALID DOSIMETER:** 

<Dosimeter#>

This dosimeter has already been collected.

[OK]

#### Alert 10

SAVE SUCCESSFUL!

OR Code: <ORCode> Dosimeter: < Dosimeter#> [OK]

# Alert 11

COLLECTION SUCCESSFUL!

QR Code: <QRCode> Dosimeter: < Dosimeter#> [OK]

#### Alert 11a COLLECTION

SUCCESSFUL!

QR Code: <QRCode> Dosimeter: < Dosimeter#>

[OK]

Alert 12
Invalid barcode, please rescan!
[RESCAN]

Alert 13
Warning
This dosimeter already exchanged in the current cycle.
Are you sure you want to continue?
[Continue]
[CANCEL]

Alert 14 Unused [TBD]

Alert 15
Your fix is not on SLAC
Property or alternate
message
[Try Again]