

Prepared (also subject responsible if other) Ishwar Singh		No.		
Approved	Checked	Date 13-02-2020	Rev Ver1.0	Reference

## MOP of Rx Cable Disconnect Alarm for Ericsson Site

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## Activity Description

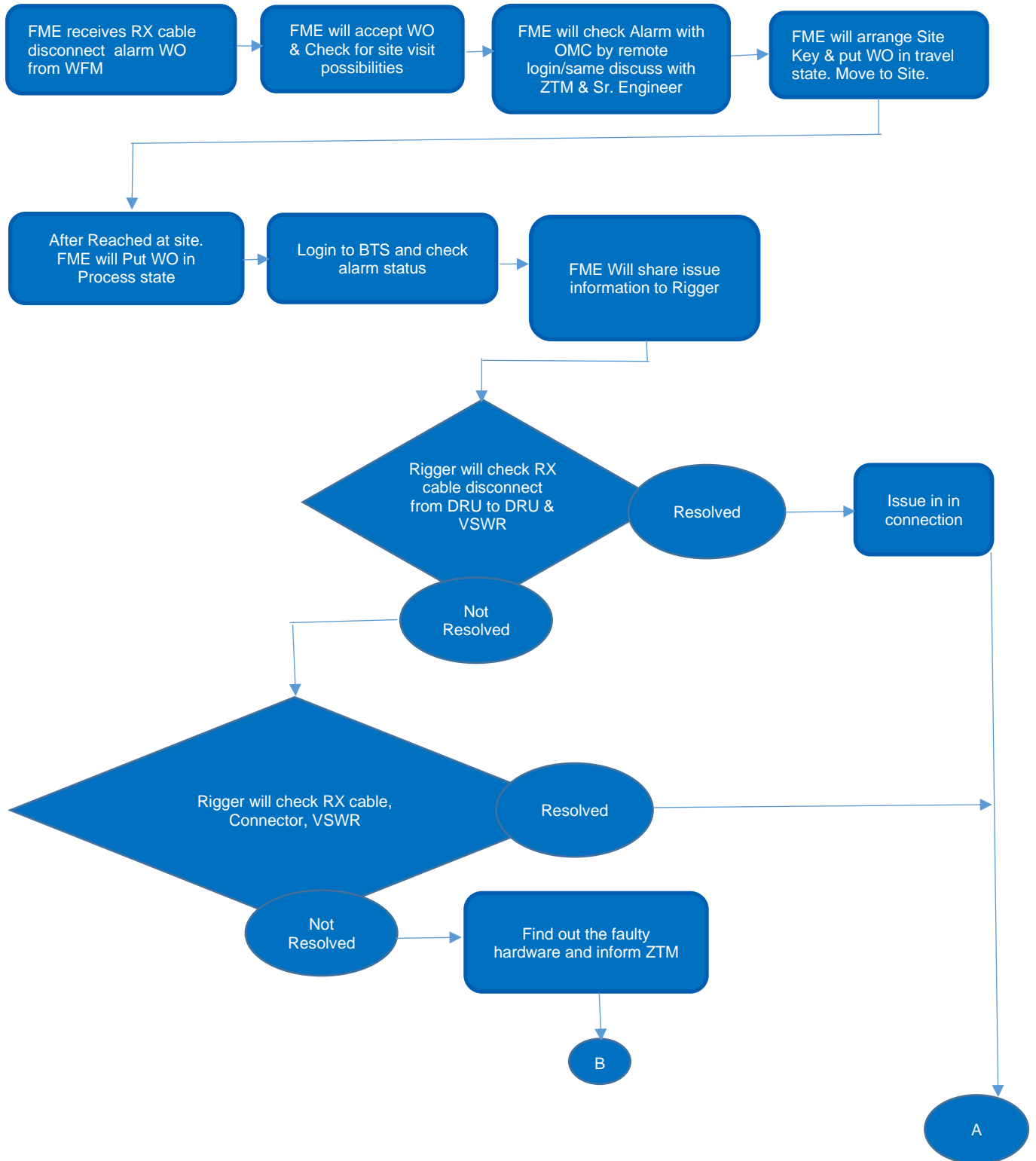
This activity is for E2E troubleshooting and Clearance of RX cable disconnected alarm cell/ site.

Attached are the details to be followed by RAN Team. As this need to be followed as guideline.

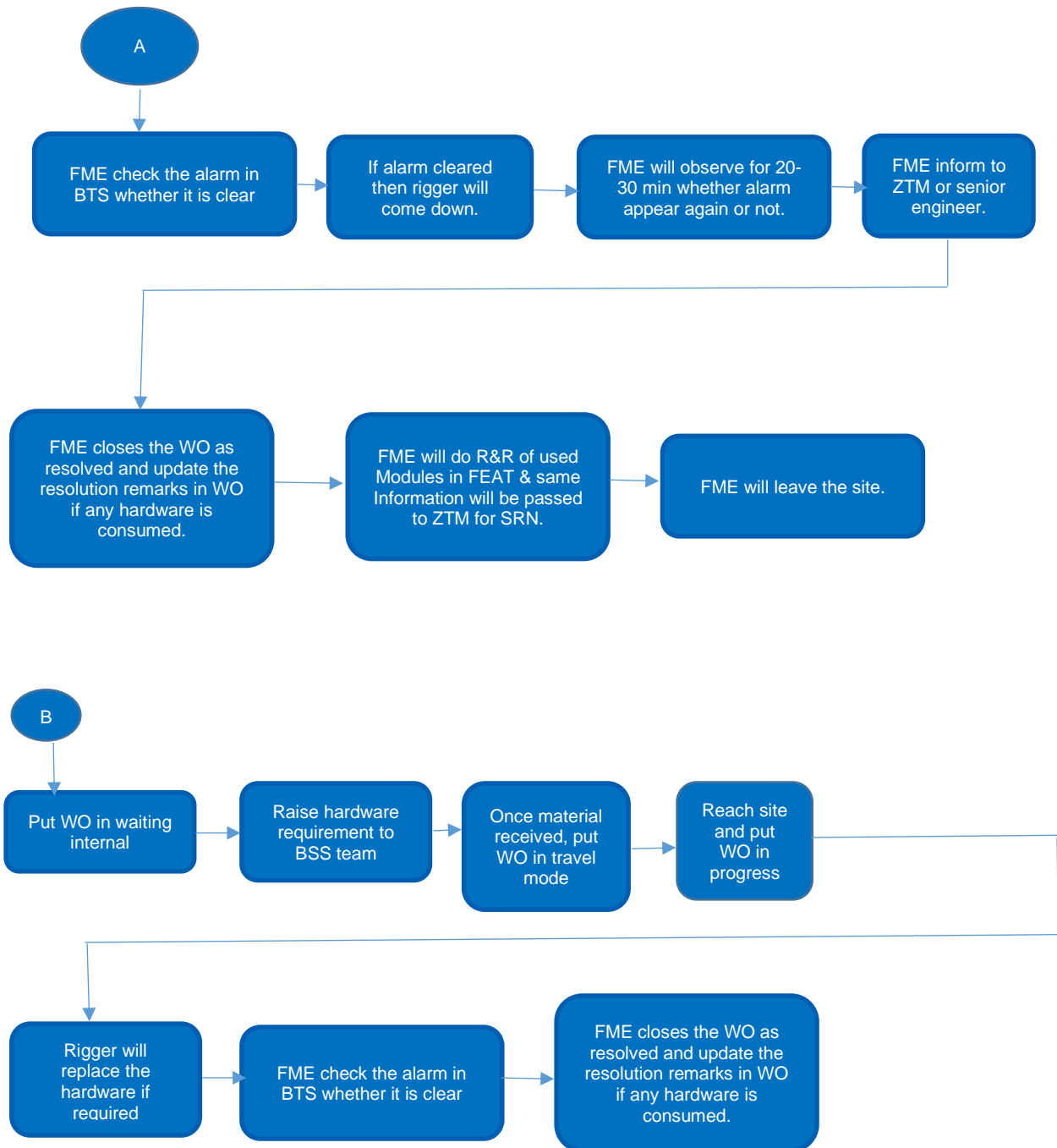
Alarm Name	Rx cable disconnect alarm at ONE FM end
Alarm Description	Rx cable disconnect alarm due Rx cable disconnect between DRU to DRU
Possible Causes	1. BTS unaffected 2. Cable connection issue 3. Connector issue

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## Flow Chart



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## Activity Summary

1	Corrective WO Rx cable Disconnect alarm is received on WFM portal
2	FME will Accept the WO
3	Put WO in travel
4	After reaching site - put WO in process
5	Login the BTS & Check alarm status
6	Raise PTW to ZTM
7	PTW Approval done by ZTM
8	Rigger will Rx cable Disconnect from DRU TO DRU / connectors
9	FME will check in BTS (Alarm cleared or not)
10	If cleared, then Put WO in closed state
11	If not cleared, then check Connector/VSWR/Rx cable
12	Put Work order in Waiting internal if any HW Req at site
13	Raise Req of Hardware to BSS Team
14	Once Material received again put WO in Travel mode
15	After reaching site - put WO in process
16	Replace the hardware
17	Check from BTS Login that alarm cleared or not after hardware replaced
18	Once Alarm Cleared
19	FME will close the WO as resolved

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## Activity Details

### Pre requisites:

- 1) SVD WO for RX cable disconnect alarm.
- 2) Alarm on OneFM /WFM.

When Rx Cable Disconnect Alarms reflects, Below the activities need to be done step by step to clear the alarm



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```

MO          SCGR SC          RSITE          ALARM SITUATION
RXOTG-176          E_INTCON_3400
RXOTRX-176-8      E_INTCON_3400      BTS INT UNAFFECTED
RXOTRX-176-9      E_INTCON_3400      BTS INT UNAFFECTED
RXOTRX-176-10     E_INTCON_3400      BTS INT UNAFFECTED
RXOTRX-176-11     E_INTCON_3400      BTS INT UNAFFECTED
RXORX-176-10     E_INTCON_3400      BTS INT AFFECTED
RXORX-176-11     E_INTCON_3400      BTS INT AFFECTED

END

MO          BTSSWUER
RXOTRX-176-9      ERA-G05-R41-U01

RU  RUREVISION          RUSERIALNO
0   KRC 161 144/1      R4F          CD30372712

RUPOSITION          RULOGICALID
C:0 R:- SH:-- SL:---      TRX  EDU9P-03          9

RULOGICALIDEXT

STATE BLSTATE INTERCNT CONCNT CONERRCNT LASTFLT LFREASON
NOOP  BLO          00002

FAULT CODES CLASS 2A
0

REPLACEMENT UNITS
22

END

```

Internal / External Class

☒ Internal
☐ External

Manage Objects

☐ SO CF
☒ SO TRXC
☐ AO TF
☐ AO TX
☐ AO RX
☐ AO TS

MO Fault Map

Fault Code Class : 2A
Fault Code : 0

RX CABLE DISCONNECTED

Technical Infos

SO CF Replacement Unit Map

Replacement Unit Code :
(Optional Field)

Technical Infos

Search

Exit

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# Technical Information

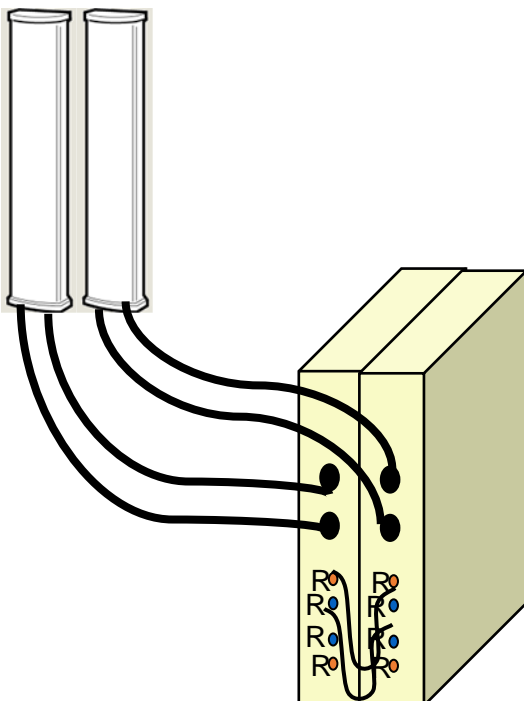


## Troubleshooting Infos

An RX cable between TRU and CDU is disconnected. Reconnect the RX cable. RX11B:9

OK

To Check Connector /RX cable/VSWR





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Above alarm is field independent alarm and field visit required to rectify below alarm  
The following Steps must take to identify the alarm.

- > Need to check RX cable between two RUS card.
- > Need to check RX cable whether it is Faulty or damaged.
- > Need to check RX cable whether it is connected between Hardware of same Sector.

The following measures must be taken to clear this alarm.

- > RX cable needs to be changed in case it is faulty.
- > RX cable needs to be corrected if placed between RRU of different sectors.

## Post Analysis

Step No.	Step Name/Step Type	Command	Field	Mandatory (Y/N)	Expected Result
1	FME will visit the site after 30 minutes to check	As per MOP and run the alarm check command to confirm its Cleared	RAN	Y	As per MOP
2	BSS Team will check after 24 hrs if alarm has reappeared	As per MOP			