

Prepared (also subject responsible if other) Rahul Patidar		No.		
Approved	Checked	Date 05-02-2020	Rev Ver1.0	Reference

MOP of SRIO link outage Alarm for Nokia Site

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Activity Description

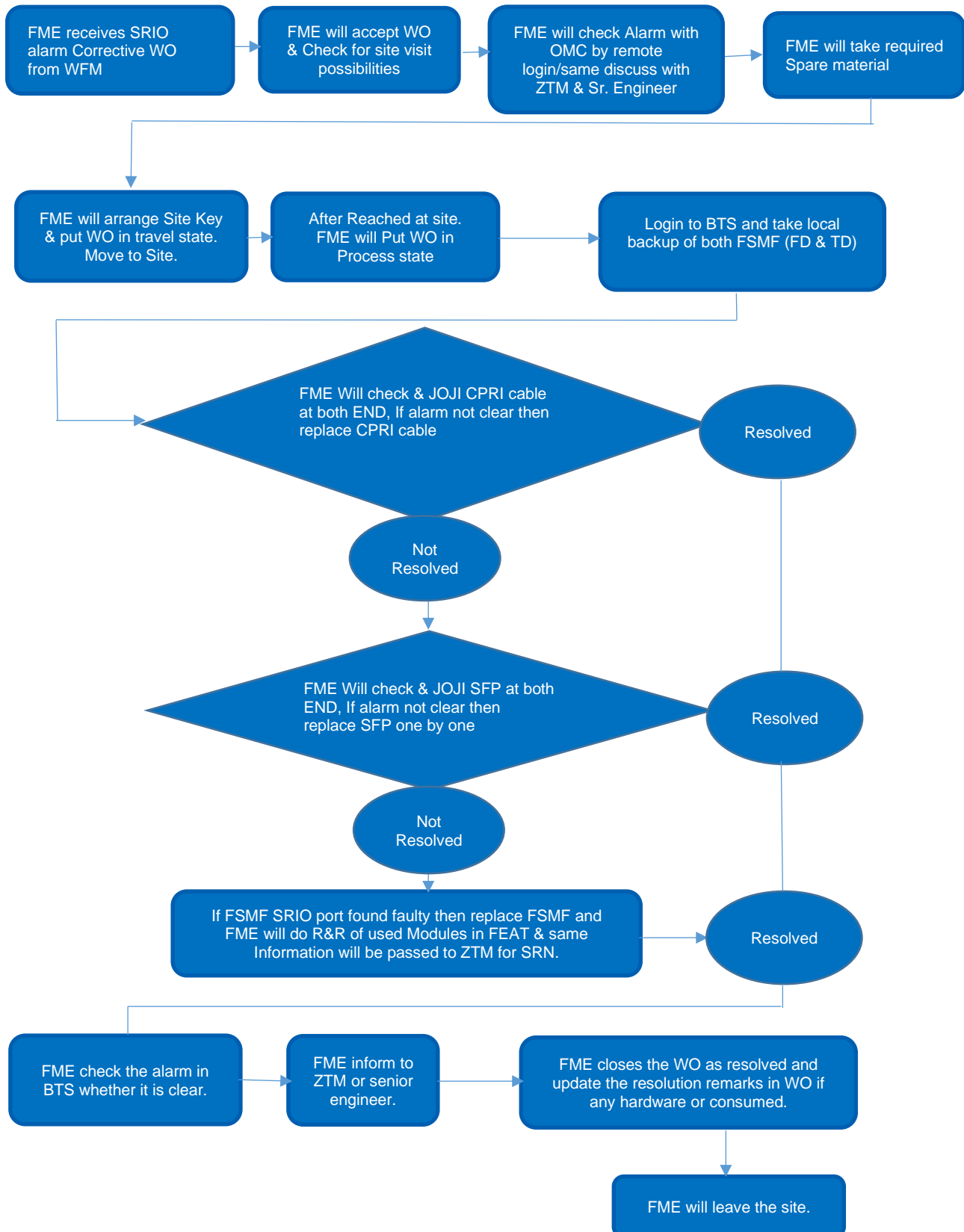
This activity is for E2E troubleshooting and alarm clearance of SRIO Link Outage.

Attached is the details to be followed. As this need to be followed as guideline.

Alarm Name	1. SRIO LINK OUTAGE
Alarm Description	1. BASE STATION SERVICE PROBLEM
Possible Causes	1. CPRI Cable faulty between the SRIO ports in the eNBs. 2. SFP faulty between the SRIO ports in the eNBs. 3. FSMF Port is faulty.

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Flow Chart



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Activity Details

SRIO Alarm Information & Checking for corrective action

1. FME receive work order in WFM of SRIO alarm as a corrective work order
2. FME accept WO as received/WO acceptance time should be below then 45 Min...
3. FME check the alarm with help of OMC by remote login of BTS and discuss with ZTM and senior engineer about resolution...
4. If possible FME visit site on same day otherwise will plan on next day (Need to verification Required Rigger can access Tower after reached site as per OHS Rules).
5. ZTM will suggest to take required Spare Material...

Site Movement & Spare Arrangement

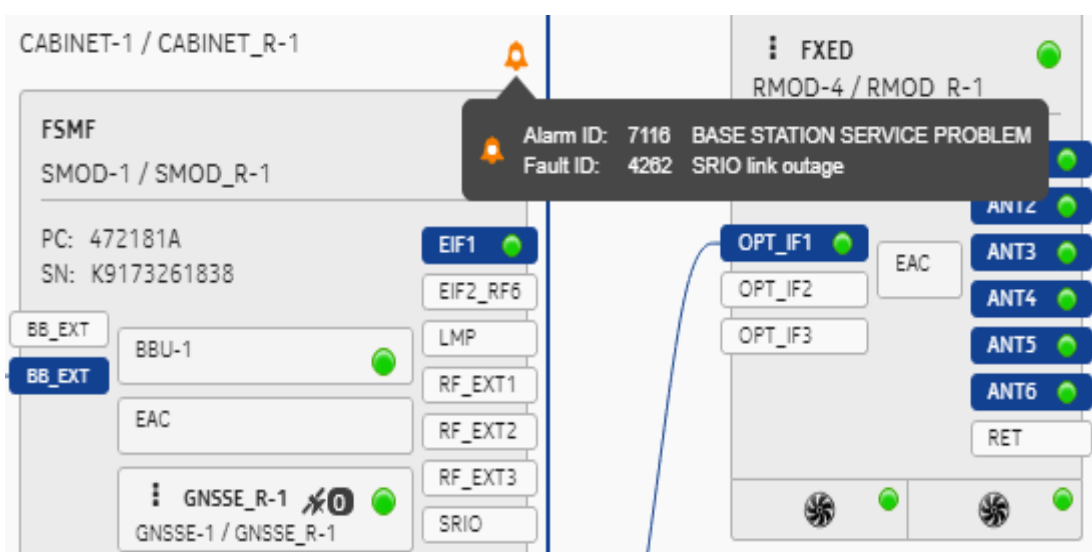
1. FME arrange key of site from respective Infra partner.
2. FME take required materials to resolve the alarm (As per Remote Login Observation & ZTM suggestion).
3. Now FME move to site and put WO in Travel state.

Alarm issue Identification & Rectification

1. When FME reached at site, he put WO in progress state.
2. FME will login to the BTS & check SRIO alarm.

FOR FD Site

	2020-02-04 02:52:25	7116	BASE STATION SERVICE PROBLEM	4262	SRIO link outage	MRBTS-907677/EQM_R-1/APEQM_R-1/CABINET_R-1	Degraded: 3
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FOR TD Site

Faults Active 1				
Show: [Icons]				
Severity	Time GMT +0530	Fault name	Source	
Major	04.02.2020 08:12:20	SRIO link outage (4262)	BTS: BS 807677 / CABINET 1	

1. FME will take local backup & check FSMF SRIO port with LED status at both end (FD & TD).
2. If port found ok then check CPRI cable & optical port physical condition. JOJI & replace CPRI cable.



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3. If alarm not clear then JOJI & replace SFP one by one at both end with observation.



4. If alarm is cleared, FME will observe for 20-30 min whether alarm appear again or not.
5. If alarm don't appear again it means alarm resolved, then FME inform to ZTM or senior engineer about the same.
6. FME closes the WO as resolved and update the resolution remarks in WO if any hardware or consumable material used.
7. FME will do R&R of used Modules in FEAT & same Information will pass to ZTM for SRN.
8. FME leave the site.