



**vodafone**

Sr.No.	ISSUE/DESCRIPTION
1	TEST CASE 2.1.1 – Location Update MS1 (a) and MS2 (a) in VPLMN (b)
2	TEST CASE 2.1.3 –MS1 (a) calls MS2 (a) both roaming in VPLMN(b)
3	TEST CASE 2.1.4b –PSTN in VPLMN(b) calls MS1(a) roaming in VPLMN(b)
4	TEST CASE 2.1.5 –PSTN initiates call to MS1 (a) which has performed IMSI detach in VPLMN(b)
5	TEST CASE 2.1.6 –PSTN initiates call to MS1(a) registered in VPLMN(b). MS1(a) takes off coverage to provoke unsuccessful call establishment
6	TEST CASE 2.2.1 – BAOC Barring of all outgoing calls
7	TEST CASE 2.2.2 – BOIC Barring of all outgoing international calls
8	TEST CASE 2.2.3 – BOICexHC BOIC except to Home PLMN Country
9	TEST CASE 2.2.4 – BAIC Barring of all incoming calls

10	TEST CASE 2.2.5 – CFNRC – IMSI detached
11	TEST CASE 2.2.6 – CFNRC – IMSI not detached
12	TEST CASE 2.2.7 – CFB
13	TEST CASE 2.2.8 – CFNRY
14	TEST CASE 2.3.1 – Mobile originated and terminated short message service
15	Interworking SMS Test Cases

ACTION
<p>1. No SAI message coming to HUB - check with VPLMN whether implementation is done correctly.</p> <p>2. SAI messages coming to HUB, no response from HPLMN -check with HPLMN whether implementation is done correctly.</p> <p>3. SAI message interchange complete, no LU message sent -check with VPLMN first why message is not initiated. Check the sims in other live network to verify it's not a sim issue</p> <p>4. SAI message interchange complete, LU message sent/received, no ISD message sent - check the error message. (If ABT with "application context name not supported" possible support issue of map version. Ideally VPLMN should send new LU with a lower version. If END with "system failure" "roaming not allowed" "unexpected data value" possible steering. To be checked with HPLMN</p>
<p>1. Check Roamer to HPLMN calls, if fails check if the sims have any barrings or not. If not address to VPLMN for ISUP tracing</p> <p>2. Check HPLMN to Roamer calls, if fails check PRN; no PRN check with HPLMN, if PRN exists ask HPLMN to check ISUP routing towards MSRN range provided.</p> <p>3. If both calls separately ok but r2r fails, possible timer issue; further tracing on ISUP is required from VPLMN and HPLMN.</p>
Same troubleshooting with case 2 if originating number is VPLMN. If PSTN is used, check calls towards a HPLMN number.
If in general MT calls are ok but no announcement for this case ? Retest couple of times and then check with HPLMN the announcement.
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<p>1. BAOC activation not successful;</p> <p>*BAOC not provided to testing subscriber(check ISD)</p> <p>*If PW is correct try to deactivate active CFs(if there's any)</p> <p>*Activate SS sequence not successful or SS Restrictions/Activate SS sequence not successful due to Number of PW attempts Violation, to be checked by HPLMN</p> <p>2. BAOC activation successful, MOC to Emergency Number not successful - Wrong Emergency Number, no Emergency Number active(try 112, 911 etc) in VPLMN, check with VPLMN</p> <p>3. Activation successful, but unexpected behavior check with VPLMN</p>
<p>1. Activation not successful, check case 6(baoc)</p> <p>2. Activation successful, but unexpected behavior check with VPLMN</p>
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1. Activation not successful

\*CF provisioned or not? Check ISD

\*Activate/Register SS successful or not? Change the FTN format from + to 00, or even national

\*still failing? Address HPLMN

2. Activation ok, calls fail?

\*Try to use HPLMN for FTN

\*Is FTN roamer? If yes check for PRN. If no PRN address HPLMN. If PRN is there then ask check details in case 2(r2r) If FTN is HPLMN, then address HPLMN to check it directly

1. Activation not successful

\*CF provisioned or not? Check ISD

\*Activate/Register SS successful or not? Change the FTN format from + to 00, or even national

\*still failing? Address HPLMN

2. Activation ok, calls fail?

\*Try to use HPLMN for FTN

\*First step to check first the call towards called number(check case 2 for MTC issues)

\*If this call is ok(if there is a call initiated by VPLMN towards FTN) but second leg is failing (check case 2 for MTC issues)

Note: If the issue is with the call part, please ask VPLMN to trace once you check using HPLMN as FTN

Note: Make sure that Call Hold is deactivated

For further check 11

Check 11

1. SMS not sent – FSM does not reach SMSC – Check if there's any error message or not.

Confirm SMSC. If confirmed insert content to SMS(some SMSCs reject null sms). If still failing address to HPLMN

2. SMS sent, not received – FSM acked by SMSC. But no MT FSM, ask HPLMN to check the SRI for SM(in HPLMN network) and then routing towards MSC GT

3. If MT SMS sent, but not acked by VPLMN. Check with VPLMN.

1. No SRI for SM Message coming to HUB => CC+NDC should be routed in SMSC towards PLMN B, to be checked in both PLMN A

2. No SRI for SM Response Coming to HUB => SMSC GT Should Present in HLR, to be checked by HPLMN