**#ANR message**

{

"closedLoopControlName":"ControlLoop-SONA1-7d4baf04-8875-4d1f-946d-06b874048b61",

"closedLoopAlarmStart":1606805921693,

"closedLoopEventClient":"microservice.PCI",

"closedLoopEventStatus":"ONSET",

"target":"pnf.pnf-name",

"from":"PCIMS",

"version":"1.0.2",

"policyName":"SONA1",

"policyVersion":"1.0.2",

"target\_type":"PNF"

"requestID":"82feb01e-4f3e-40e2-b8df-683adabae893",

"AAI":{

"generic-vnf.prov-status":"ACTIVE",

"generic-vnf.is-closed-loop-disabled":"false",

"pnf.pnf-name":"ncserver1"

},

"Action": "ModifyA1Policy",
#This provides hook for operation policy to forward to A1-PMS.
#Following payload forwarded as is from Poicy to A1-PMS to A1-Termination

"payload": “{

"action": "CreatePolicy", /{CreatePolicy/DeletePolcy/GetPolicyStatus}

"policy\_id": 1,

"policy\_type\_id": 1,

"ric\_id": "22",

"policy\_data": {

 "PNFName": "cucpserver2",

 "PLMNID": "ran-1",

 "CellID": "15549",

 "neighbours": [{

 "PNFName": "cucpserver2",

 "PLMNID": "ran-1",

 "CellID": "14427",

 "ho-kpi1": 100

 },

{

 "PNFName": "cucpserver2",

 "PLMNID": "ran-1",

 "CellID": "15548",

 "ho-kpi1": 90

 }]

 }

}”

}

**#PCI message**

{

"closedLoopControlName":"ControlLoop-SONO1-fb41f388-a5f2-11e8-98d0-529269fb1459",

"closedLoopAlarmStart":1606806580487,

"closedLoopEventClient":"microservice.PCI",

"closedLoopEventStatus":"ONSET",

"target":"pnf.pnf-name",

"from":"PCIMS",

"version":"1.0.2",

"policyName":"SONO1",

"policyVersion":"1.0.2",

"target\_type":"PNF",

"requestID":"427e68b6-3946-4cc6-bbf9-602aff28ac3a",

"AAI":{

 "generic-vnf.prov-status":"ACTIVE",

 "generic-vnf.is-closed-loop-disabled":"false",

 "pnf.pnf-name":"ncserver1"

},

"Action":"ModifyO1Config",

#Action ModifyO1Config sends the message and payload to SDN-R

#following payload is process in SDNR Directed Graph by netconf client

"payload": "{

"Configurations":[{

"data":{

"FAPService":{

~~"alias":"Chn0005",~~

~~"X0005b9Lte":{~~

 ~~"phyCellIdInUse":5,~~

 ~~"pnfName":"ncserver1"~~

~~},~~

~~"CellConfig":{~~

 ~~"LTE":{~~

 ~~"RAN":{"Common":{~~

 ~~"CellIdentity":"Chn0005"~~

~~}}}}~~

~~}}~~

}]

}"

#payload has to be modified as per new O1 yang model.

#Need to use idNRCellDU, CellIdentity to identify cell instead of alias,

#and using nrPCI for PCI property instead of phyCellIdInUse.

}”

"{"Configurations":[{"data":{"FAPService":{"idNRCellCU":"Chn0014","CellConfig":{"LTE":{"RAN":{"Common":

{"CellIdentity":"Chn0014"}

,"NeighborListInUse":{"LTECell":[

{"idGNBCUCPFunction":"cucpserver1","PLMNID":"ran-1","idNRCellRelation":"Chn0000","nRTCI":0,"isHOAllowed":"true"},

{"idGNBCUCPFunction":"cucpserver1","PLMNID":"ran-1","idNRCellRelation":"Chn0001","nRTCI":0,"isHOAllowed":"true"}

],"LTECellNumberOfEntries":"2"}}}}}}}]}"