**Origination Date:** 09/03/15

**Originator:** iconectiv

### Change Order Number: NANC 469

**Description:** Change Network Monitoring Requirement

**Functional Backwards Compatible:** Yes

**IMPACT/CHANGE ASSESSMENT**

|  |  |  |
| --- | --- | --- |
| DOC | FRS | IIS |
| Y | N |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CMIP | GDMO | ASN.1 | **NPAC** | SOA | LSMS |
| N | N | N | N | N |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| XML | XIS | XSD | **NPAC** | SOA | LSMS |
| N | N | N | N | N |

**Business Need**

R7-65.1 (and R7-65.2, R7-65.3, R7-65.4, R7-80.2) requires the use of SNMP to monitor "system resources".

**Description of Change:**

iconectiv requests that this be made more general to allow for monitoring via mechanisms other than SNMP. Proposed wording updates included.

Requirements:

R7‑65.1 Monitor System Resources

NPAC SMS NMS shall ~~use SNMP to~~ monitor the system resources.

R7-65.2 Detect Error Conditions

NPAC SMS NMS shall ~~use SNMP to~~ detect error conditions.

R7-65.3 Detect Communication Errors

NPAC SMS NMS shall ~~use SNMP to~~ detect communication errors.

R7-65.4 Detect Link Outages

NPAC SMS NMS shall ~~use SNMP to~~ detect link outages.

R7-80.2 Security Event Notification

NPAC SMS NMS shall notify the NPAC personnel immediately when security event thresholds are exceeded ~~through the SNMP agent~~.