E_YODA_SYS-581 - PUS Service 19

The platform shall implement PUS service 19 for on-board event action management, with the following sub-services:

Service	Name	Description
(19,1)	TC_019_001_ADD_EVT	Add events to the detection list
(19,2)	TC_019_002_DEL_EVT	Delete event to the detection list
(19,4)	TC_019_004_ENA_ACTION	Enable actions
(19,5)	TC_019_005_DIS_ACTION	Disable actions
(19,6)	TC_019_006_REQ_EVT_LIST	Report the event detection list
(19,7)	TM_019_007_OR_EVT_LIST	Event detection list report
(19,130)	TC_019_130_REQ_EVT	Report event detection
(19,131)	TM_019_131_OR_EVT	Event detection report

ReqStatus	🔍 Reviewed
LinkedUpReq	YODA_SAT_REQ_3100-p YODA-MC-REQ-1110 (SPE) YODA-MC-REQ-1500 (GEN) YODA-MC-REQ-1520 (GEN)
KineisLink	E_KINEIS_SYS-555 E_KINEIS_SYS-654
subSystemAllocation	FSW, SDB
implementationVersion	V0
ValidationLevel	SYSTEM
ValidationMethod	Test
Note	
Updated	2023-08-03 19:10

E_YODA_SYS-582 - Event to action coupling spare

The platform shall reserve <FSW_NB_EVT_ACT_SPARE> spare event actions to be available for operation.

ReqStatus	🔍 Reviewed
LinkedUpReq	YODA-MC-REQ-1530 (SPE)
KineisLink	E_KINEIS_SYS-812
subSystemAllocation	FSW
implementationVersion	V0
ValidationLevel	SOFTWARE
ValidationMethod	Inspection
Note	<FSW_NB_EVT_ACT_SPARE>=30 (TBD)
Updated	2023-02-21 15:03

2023-08-11 11:00

E_YODA_SYS-583 - Service 19 high priority command

Commands triggered as a result of service 19 shall have the highest priority.

ReqStatus	🔍 Reviewed
LinkedUpReq	YODA-MC-REQ-1510 (GEN)
KineisLink	E_KINEIS_SYS-692
subSystemAllocation	FSW, SDB
implementationVersion	V0
ValidationLevel	SOFTWARE
ValidationMethod	Inspection
Note	
Updated	2023-02-21 15:05

E_YODA_SYS-584 - Event action command

The platform shall allow any commands available for transmission from the ground segment as service 19 Onboard actions

ReqStatus	🔍 Reviewed
LinkedUpReq	Derived
KineisLink	E_KINEIS_SYS-810
subSystemAllocation	FSW
implementationVersion	V0
ValidationLevel	SYSTEM, +++, SOFTWARE
ValidationMethod	Test, +++, Analysis
Note	At system Level, a validation is performed for some event only
Updated	2023-02-15 14:16

E_YODA_SYS-891 - Acknowledgements and sequence count for events actions

Into satellite database the actions should be configured to :

- Generate the positive acceptance and completion positive acknowledgements
- One unique specific sequence count by action
- source ID set to <ID_OBC_FDIR>

ReqStatus	🔍 Reviewed
LinkedUpReq	Derived
KineisLink	E_KINEIS_SYS-811
subSystemAllocation	FSW
implementationVersion	V0
ValidationLevel	SYSTEM
ValidationMethod	Test, Analysis
Note	
Updated	2023-02-15 14:16