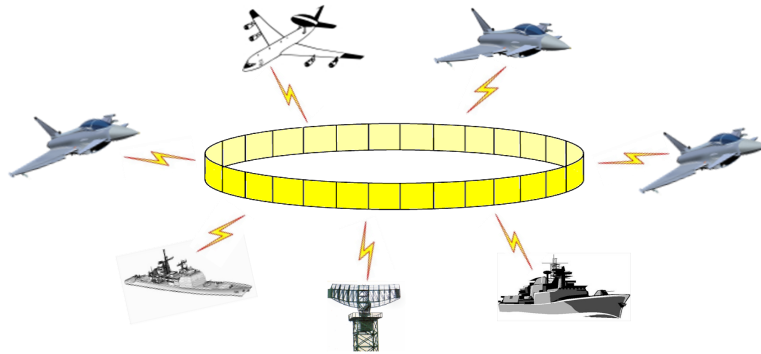




MIDS Mission preparation

Features

The MIDS Mission preparation tool allows the permission preparation of MIDS loadfiles including Block Upgrade 2 (BU2) functionality. This loadfiles contain network-, platform- and mission specific data combined in one dataset.



Network specific data can be imported from NETMAN-files, the other data can be manipulated manually.

The MIDS Mission preparation stores loadfiles in various formats to support different tools.

The software interface includes a 'Network' tab with the following data:

ID-Set	Generic Type	Specific Type	Group
001	AIRBORNE C2	E3	1
002	AIRBORNE C2	E3	2
003	AIRBORNE C2	RJ	1
004	AIRBORNE C2	JSTARS	1
005	FIGHTER	F16	1.1
006	FIGHTER	F16	1.1
007	FIGHTER	F16	1.1
008	FIGHTER	F16	1.1
009	FIGHTER	F16	1.1

The 'Transmit PG Related Data' window shows the following settings:

- Block No.: 1
- Power Select: 0 - Normal Power
- Packing Limit: 3 - Standard or Packed-2 SP
- Tx Antenna: 0 - Transmit on both antennas
- Auto J0.5 Gen:
- Storage Limit: 0
- Include TSN:
- Priority: 0
- EOM/PACKADD: 0 - No Statement
- Staleness Limit: 1536
- TACK: 0

Runs on PCs using Windows 7, 8, 10 (64bit)

Network import

Network ID: **AFBU0033A** Network Validation Level: 1
 File Creation Date: 08/25/2004 Release Authority: USNDF
 Network Summary:
 Technical Amplifying Info:

ID-Set	Generic Type	Specific Type	Group
001	AIRBORNE C2	E3	1
002	AIRBORNE C2	E3	2
003	AIRBORNE C2	RJ	1
004	AIRBORNE C2	JSTARS	1
005	FIGHTER	F16	1.1
006	FIGHTER	F16	1.1
007	FIGHTER	F16	1.1
008	FIGHTER	F16	1.1
009	FIGHTER	F16	1.1

Import NETMAN T1+D1 network data. All network data is integrated into the current loadfile, mission and platform specific data will be retained.

Mission and Platform Data

General Platform Network

Test Mode: 0 - No Test Messages Initial Entry Group: 0 - Transmit L16 Initial Entry Msg Only
 Transmit Mode: 1 - Normal Rekeying Proc. Status: 0 - Rekeying Notification OFF
 LTTI: OTAR:
 Terminal State: 0 - Terminal Operational Current Cryptopend: 1
 IPF: 2 - Combat EMC Protection Sequence Number: 0 - 24 Hour Period
 Range Mode: 0 - Normal Range NETE:
 Comm Mode: 1 - Mode 1 Use External Time Ref:
 Primary STN: 05000 Position Valid:
 Antenna Switch: Station Position: 53° 54' 45" N / 012° 14' 58" E Edit
 Output Power Mode: 0 - Normal Power (Terminal) Position Uncertainty: 17 - < 12.8m
 Recorder Function: Station Height: 42 m 138 ft
 PPLI Pool: 1 - Pool B Height Uncertainty: 14 - < 49.8m
 NTR: Cable Delay Ant A Tx: 187.5 ns
 Position Reference: Cable Delay Ant B Tx: 187.5 ns
 NAV: 2 - Primary User Cable Delay Ant A Rx: 187.5 ns
 DBA: Cable Delay Ant B Rx: 187.5 ns

Cancel OK

Manual modification of platform, mission and specific data is possible.

- Position, JU, NTR Mode, Double Bus Activation (DBA)
- Cable length, Antenna Usage
- Platform & Activity, Call Sign, Voice/Ctrl Channels
- Frequency Remapping, Network Name

Timeslot No. 1
 Relay Timeslot
 Non-Relay Timeslot
 Crypto Mode: 0 - Common Variable Mode Recurrence Rate: 2 Net Number: 0
 Set: 0 - No Statement Index Number: 0
 Tx/Rx: 0 - Receive Slot Assignment Access Description: 16 - Dedicated Access Mode
 RDS: 0 - Relay Delay, Receive Relay Net Number: 0 Relay Delay: 6
 Orig Tx Net: 0 NPG: 0 TranSec CVLL: 1 MSec CVLL: 1

Cancel OK

Manual edit function for Timeslots.

Supports:

- Normal Timeslot
- Relay Timeslot

Modify NPG related data

- Packing limits
- Storage & Staleness
- Repromulgation

Block No. 1

Transmit PG Related Data

Power Select: 0 - Normal Power Packing Limit: 3 - Standard or Packed-2-SP
 PG Index No. 6 Tx Antenna: 0 - Transmit on both antennas
 IJMS / L16: 1 - Transmit Link 16 Only Auto J0.5 Gen: Storage Limit: 0
 Repromulgation: Include TSN: Priority: 0
 Repro. Required: EOM/PACKADD: 0 - No Statement
 Repro. Counter: 0 Staleness Limit: 1536
 Repro. Recurrence Rate: 0 TACK: 0

Cancel OK

HEX Editor

Word	HEX-Value	DEC-Value	OCT-Value	BIN-Value
0001	0409	01033	002011	0000010000001001
0002	002F	00047	000057	0000000000101111
0003	003A	00058	000072	0000000000111010
0004	0044	00068	000104	0000000001000100
0005	000D	00013	000015	0000000000001101
0006	0022	00034	000042	0000000000100010
0007	CA63	51811	145143	1100101001100011
0008	0008	00008	000010	0000000000001000
0009	2F59	12121	027531	0010111101011001
0010	0616	01558	003026	0000011000010110
0011	81D1	33233	100721	1000000111010001

Hexadecimal: 0409 Decimal: 01033 Octal: 002011 Binary: 15 14 13 12 11 10 09 08 07 06 05 04 03 02 01 00
 Set Hexadecimal Set Decimal Set Octal 0 0 0 0 0 1 0 0 0 0 0 0 0 1 0 0 1

Cancel OK

Complete Dataset (3810/3900 words) can be modified manually. Stores .idl and .mis formats, other Data formats on request.

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