APPLICATION FOR NETWORK IMPLEMENTATION AND TIME SLOT ASSIGNMENT

Guarantees the success of the tactical operation at Network design level.

Principles of operation

Link16 Networks require an in advance planning of transmission capability for each of the network participants in a tactical operation.

ANITA is the software application used by the Spanish DLMC-SP (Data Link Management Cell - Spain) for the Link16 network design tasks. It was developed in order to acquire the capability of generating link16 network designs with all the output file formats accepted by National Link16 platforms.

ANITA allows the user to configure all the Link16 network design parameters, validate the network design and guarantees the success of the tactical operation at Network design level.

Main

Main	
Set and Validate Network Operation Requirements	Participant's list
	Network Parameters
	Connectivity Matrix
	Voice Parameters
	Relay Parameters
	Options file generation for NPG of Surveillance,
	Air control and Fighter to Fighter
Time Slot Assignment calculations	TSB for each NPG
	TSB assignment for each participant
	Manual modification of slot assignments
Display time slot assignments obtained	In table format for each net and each participant
	In graphic format: Timeline
FCA restrictions verification	
Detailed network design report in Microsoft Word format	
Time Slot Map in Microsoft Excel format	
Output files	NETMAN T/1
	JNL format
	MIDS LVT format (*.idl)
Configuration control and validation state of the Networks designed	
Capability of loading NETMAN T/1 documents generated by other Network design tool	
CNDG database searching capability	
Time Slot Calculator	
Interactive Help menu	

ANITA

Link 16

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