

# Information Exchange Requirements (IER) Analysis Worksheet

(See reverse for detailed instructions)

IER Pre-qualifications for JMNO LLC	
1. Classification/Network: <input type="checkbox"/> Secret (SIPRNET) <input type="checkbox"/> Sensitive but Unclassified (NIPRNET)	
2. Media/Format: <input type="checkbox"/> E-Mail <input type="checkbox"/> File Transfer <input type="checkbox"/> DMS <input type="checkbox"/> Web <input type="checkbox"/> Public Folder <input type="checkbox"/> IP-based Video <input type="checkbox"/> Other IP	
IER Operational Characteristics	
3. Information Description	
3a. Name/Identifier	
3b. Description	
4. Information Attributes	
4a. Size	4b. Criticality
4c. Bandwidth required	4d. Timeliness
4e. Frequency	4f. Trigger event
5. Information Source	
6. Information Destination	
IER Systems Characteristics	
7a. Sending System Name	7b. Receiving System Name
7c. Ports used	7d. Protocols Used

## **IER Pre-qualifications for JMNO LLC**

This section identifies the classification level and media/format of the information exchange.

<b>Classification</b> (Block 1)	If the requirement cannot be met via SIPRNET or NIPRNET, it is NOT a candidate for a lateral link.
<b>Media/Format</b> (Block 2)	If the requirement cannot be met using Internet Protocol (IP) it is NOT a candidate for a lateral link.
<b>IER Operational Characteristics</b>	Blocks 3 through 6 Define the characteristics of the IER without regard to the C2 Systems that will be satisfying the requirement.
<b>Information Description</b> (Blocks 3a and 3b)	Block 3a: Common name for this piece of information: Artillery Target Information, Acknowledgement, etc.. Use block 3b to add a description of the data, and what it is used for.
<b>Information Attributes</b> (block 4)	The following blocks describe the information or data in detail sufficient to evaluate it as a candidate to send via a lateral link, and also to properly plan the lateral link to support the requirement.
<b>Size</b> (Block 4a)	If appropriate, indicate the size (in KB, MB, or GB as appropriate) of this data element. If it varies, include a typical range (i.e., 20KB – 1 MB). For non-file-format data (i.e. streaming video) put N/A.
<b>Criticality</b> (Block 4b)	All DOD information systems will be assigned to a mission category (mission critical, mission support, or administrative) that reflects the type of information handled by the system relative to requirements for integrity (including authentication and nonrepudiation) and availability services. See DOD Directive 5200.39 (reference i).
<b>Bandwidth</b> (Block 4c)	Indicate the bandwidth of the application (if applicable) along with any Quality of Service (QoS) requirements.
<b>Timeliness</b> (Block 4d)	The amount of time from when a piece of information is sent until it should be received at its final destination. If there is a range of acceptable times, indicate this range.
<b>Frequency</b> (Block 4e)	How often this information is typically sent: Hourly, daily, weekly?
<b>Trigger Event</b> (Block 4f)	Identify the event or events that would generate the requirement to send this data.
<b>Information Source</b> (Block 5)	The name of the C2 node generating the data; nodes are shown on OV-2 (Operational Node Connectivity Description) artifacts.
<b>Information Destination</b> (Block 6)	The name of the C2 node receiving the data; nodes are shown on OV-2 artifacts.
<b>IER C2 Systems</b> (Block 7)	The name and technical characteristics of the C2 systems used to meet this requirement. Information contained in this section is necessary for information assurance planning.
<b>Sending System Name</b> (Block 7a)	The common name of the system: Exchange e-mail, DMS, C2PC, AFATDS, etc.
<b>Receiving System Name</b> (Block 7b)	Indicate if this is different from the sending system name; otherwise, indicate SAME.
<b>Ports used</b> (Block 7c)	Specify the ports this system uses to meet this information exchange requirement.
<b>Protocols used</b> (Block 7d)	Specify the protocols this system uses to meet this information exchange requirement.