IPS Element	Competency	Subcompetency #1	Subcompetency #2	Subcompetency #3	Subcompetency #4	Subcompetency #5
Technical Data	TED - Understand how technical data integrates and impacts among the other Product Support Elements and program functional activities during each Life Cycle phase and within the broader performance based environment.	Understand the types of technical data and logistics product data.	Understand how technical data impacts and is impacted by each Product Support Element.	Understand how technical data impacts and is impacted by each program functional area.	Identify all technical data stakeholders throughout the program enterprise and establish long term product support arrangements for technical data availability and affordability.	Understand and develop technical data inputs to the acquisition process milestone deliverables to include a Technical Data Rights Strategy and inputs to the Life Cycle Sustainment Plan.
Technical Data	TED - Understand and participate in developing data management strategies and requirements, to include assessment of long term technical data needs and data sustainment for the weapon system, driving achievement of program sustaining goals and metrics.	Plan data requirements and determine minimum essential data.	Understand and plan for the life cycle availability and affordability of all types of technical data required for each program product.	Understand how program performance based metrics impact and are impacted by technical data requirements.	Evaluate uses of technical data to reduce life cycle cost.	Develop and implement a technical data rights strategy and acquisition plans.
Technical Data	TED - Identify and understand usage, revisions and updates related to common and unique forms of life cycle technical/product data and products.	Understand each type of tool used to obtain specific logistics analysis outputs in each product support functional area: what tech data input is required, where is the tech data created, and what new tech information is created by the tool.	Develop a system technical publications strategy, both electronic and paper-based and use these tools to leverage contractor data, improve program readiness and optimize affordability.	Understand appropriate sources for historical operations and support data, along with comparable and proxy data necessary for program products, services and acquisition life cycle requirements.		
Technical Data	TED - Define appropriate technical data contracting strategies, to include addressing policies, regulations, the business case, performance metrics evaluation and technical data rights.	Understand laws, policy and regulations governing technical data procurement, operation and disposal.	Determine which technical data is of strategic importance and establish the strategy and practices to effectively acquire, manage and preserve it.	Understand and specify contract data item requirements to align to contract elements.	Understand and establish distribution statements and security controls for technical data.	Establish practices for tracking, receiving, reviewing, accepting and approving technical data deliverables.

Technical Data	TED - Determine, plan for, acquire and implement the required infrastructure for technical and product data management.	Implement Product Data Management (PDM) infrastructure and processes for visibility and control of data to support program requirements.	Identify and implement required data specifications and data standards.	Evaluate and implement new technologies to improve data management infrastructure to support program readiness and affordability.	Assess and implement effective and efficient technical data access, maintenance, storage and disposal programs and procedures.	Understand how to contract for changes / updates to the data management system to account for unanticipated user requirements.
Technical Data	TED - Implement common interfaces and interoperability of logistics information among the military services, Defense agencies, and international partners.	Understand requirements for and procure an open architecture, enterprise level data management system sufficient for program life cycle requirements.	Understand and participate in Government-Industry Data Exchange Program (GIDEP) and other Government data management activities.	Develop and implement processes for the distribution or communication of technical data to the point of use.	Manage the implementation of interoperability architectures for legacy data, data management tools and associated file structures.	
Technical Data	TED - Implement effective quality assurance processes to validate data integrity and adequacy for all weapon system related technical and product data management tools.	Understand and implement technical data security practices for both classified and unclassified information.	Evaluate and develop technical data quality assurance and quality control processes to validate data integrity and adequacy for all weapon system related technical and product data related tools.	Evaluate technical data access procedures.	Ensure technical data knowledge management systems accurately record life cycle decisions, methods, feedback, metrics, and configuration management elements.	