

IPS Element	Competency	Subcompetency #1	Subcompetency #2	Subcompetency #3	Subcompetency #4	Subcompetency #5
Maintenance Planning and Management	MTP - Understand how Maintenance Planning & Management integrates, impacts and trades among other Product Support Elements and program functional activities.	Understand how maintenance planning and management impacts and is impacted by each Product Support Element.	Understand how maintenance planning and management impacts and is impacted by each program functional area.	Understand and develop maintenance planning and management inputs to the acquisition process milestone deliverables.		
Maintenance Planning and Management	MTP - Address program plans to apply depot maintenance statutory requirements.	Understand applicable Title X statutory requirements, and relevant laws and DoD policy governing maintenance planning and management activities.	Understand and develop public private partnerships and product support arrangements.	Identify and integrate all major maintenance related government and commercial stakeholders, the Service advocates and related organizations to meet program requirements.	Evaluate organic depot support, public-private partnerships and contractor logistics support as support concepts.	
Maintenance Planning and Management	MTP - Develop and execute a maintenance operations and support strategy for fielded systems within the performance based outcome environment.	Develop the program's maintenance strategy, maintenance concept and maintenance plan.	Develop a maintenance task analysis and validate maintenance procedures against operational concepts using defense planning scenarios.	Develop the Statement of Work, Specifications, and other contractual documentation that specifies products and services to be delivered to implement the maintenance plan.	Develop and execute a battle damage and repair maintenance program.	Develop and execute a reset maintenance program.
Maintenance Planning and Management	MTP - Plan and implement life-extension maintenance practices.	Evaluate and update maintenance strategies and practices across field, intermediate and depot maintenance levels based on current and forecasted user requirements.	Establish rebuild and recapitalization activities to extend systems life and improve life cycle affordability.	Evaluate and implement opportunities for equipment modifications and upgrades.	Address demilitarization and disposal strategies for system end-of-life.	

<p>Maintenance Planning and Management</p>	<p>MTP - Develop and execute against metrics to evaluate and improve maintenance operations performance.</p>	<p>Evaluate support system suitability and effectiveness in the test and evaluation environment.</p>	<p>Evaluate maintenance operations using metrics and act to optimize results within the performance based life cycle product support environment.</p>	<p>Plan and execute contracting strategies for maintenance operations based on program Key Performance Parameters (KPP's) and Key System Attributes (KSA's) to optimize performance and life-cycle cost.</p>	<p>Understand how program performance based program Key Performance Parameters (KPP's) and Key System Attributes (KSA's) impact and are impacted by maintenance planning and management activities.</p>	<p>Understand how program maintenance activities fit within the DoD maintenance enterprise.</p>
<p>Maintenance Planning and Management</p>	<p>MTP - Apply activities, technologies and practices to further minimize system maintenance requirements and associated costs for preventive and corrective maintenance.</p>	<p>Evaluate and implement Reliability Centered Maintenance (RCM) analysis tools and practices to assess failure data to further minimize system maintenance requirements and associated costs for preventive and corrective maintenance.</p>	<p>Evaluate and implement prognostics, diagnostics and system health technologies to enhance readiness and reduce maintenance requirements.</p>	<p>Evaluate the return on investment for technologies and analysis which enhance system capability.</p>	<p>Develop and implement a corrosion prevention maintenance program.</p>	<p>Apply a condition based maintenance approach to collect data, analyze trends, and support decision-making processes for weapon system maintenance.</p>