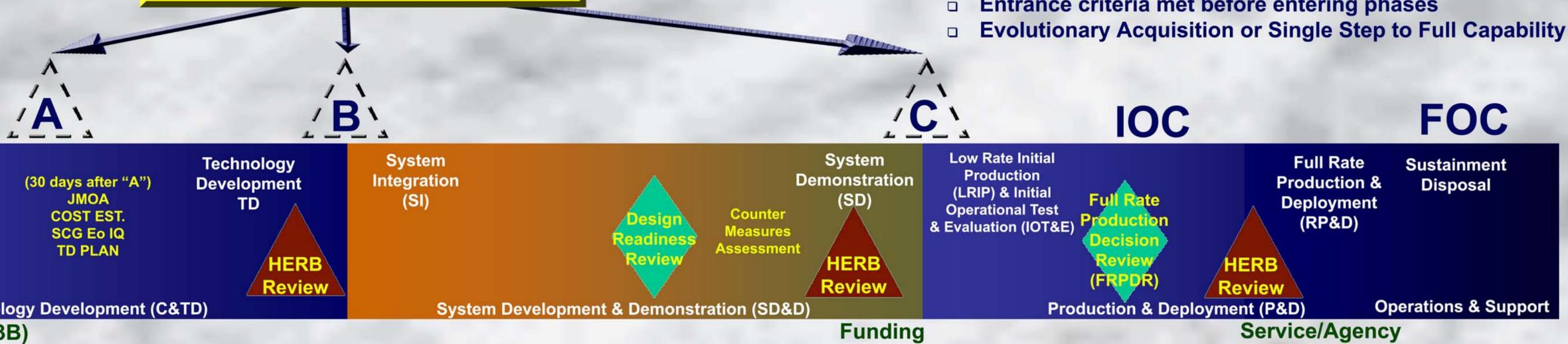




JNLWP Acquisition Process

User Needs & Technology Opportunities



- Process entry at Milestone A, B, or C
- Entrance criteria met before entering phases
- Evolutionary Acquisition or Single Step to Full Capability

Initial Capabilities Document (ICD) Development	<ul style="list-style-type: none"> □ General Description of Operational Capabilities □ How concept fits in the operational and organizational context □ How the concept will be employed □ Focus on Integrated Concept Teams (ICTs) 	Validated REQT's & KPP Coordination	Capabilities Development Document (CDD) Development	<ul style="list-style-type: none"> □ General Description of Operational Capabilities □ Threat and Threat Environment □ Shortcomings of Existing System □ Capabilities Required 	<ul style="list-style-type: none"> □ Program Support □ Force Structure □ Schedule □ Program Affordability 	Final Approved Capabilities Production Document CPD	<ul style="list-style-type: none"> □ Human Systems Integration □ Force Structure □ Schedule □ Program Affordability
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<ul style="list-style-type: none"> □ Concept Refinement (CR) □ Analysis of materiel approaches prior to Concept Decision □ Concept Decision □ Concept Refinement □ Analysis of multiple concepts 	<ul style="list-style-type: none"> □ Technology Development □ Draft Target Human Effects Evaluation Plan (THEEP) □ Begin studies to quantify and reduce risk □ Revise component designs to reduce human effects risks 	<ul style="list-style-type: none"> □ System Integration □ Final THEEP □ Studies to determine operating envelope and safety margin 	<ul style="list-style-type: none"> □ System Demonstration □ Execute THEEP □ Live fire animal/human testing if appropriate □ Full Risk Characterization □ HEAP Evaluation 	<ul style="list-style-type: none"> □ Low Rate Initial Prod □ Field data collection 	Human Effects
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Concept Refinement (CR)	Technology Development (TD)	System Integration	System Demonstration	Low Rate Initial Prod	Full Rate Prod & Deploy
Entrance Criteria: <ul style="list-style-type: none"> □ Approved Initial Capabilities Document (ICD) □ Approved plan of conduct of an analysis of multiple concepts (AoMC) □ Phase funding Purpose: Refine the initial concept and develop a Technology Development (TD) plan Exit Criteria: <ul style="list-style-type: none"> □ MDA-approved preferred solution and TD plan 	Entrance Criteria: <ul style="list-style-type: none"> □ Project leader understands solution as part of the integrated architecture and its DOTMLPF implications. Purpose: To determine system architecture for an existing concept capability. Key Activities: <ul style="list-style-type: none"> □ Determine appropriate number of subsystems □ Demonstration of system concepts □ Justification for program initiation □ Reduce Technology Risk □ Demo technologies in a relevant environment Exit Criteria: <ul style="list-style-type: none"> □ System architecture & technology mature □ Validated Requirements & KPP's □ Affordable increment of military-useful capability identified and demonstrated in relevant environment-normally can be developed for production within 5 years 	Entrance Criteria: <ul style="list-style-type: none"> □ PM has technical solution but has not integrated subsystems into complete system. □ Technology maturity □ Validated Requirements & KPP's □ Full funding Purpose: To develop a system, reduce program risk and ensure operational supportability. Key Activities: <ul style="list-style-type: none"> □ System Integration or Demonstrated Subsystems and Components □ Reduction of integration risks Exit Criteria: <ul style="list-style-type: none"> □ System demonstrated in a relevant environment 	Entrance Criteria: <ul style="list-style-type: none"> □ Demonstrated Prototype System Purpose: Demonstrate the ability of the system to operate in a useful way consistent with the validated ORD/CDD Key Activities: <ul style="list-style-type: none"> □ Complete Development Models □ Demo Engineering Development Models □ Combined Development Test and Operational Test Exit Criteria: <ul style="list-style-type: none"> □ System demonstrated in realistic operational environment □ Signed CPD & assured interoperability □ Affordability Assessment □ System demonstration in intended environment; development models meets validated requirements. 	Entrance Criteria: <ul style="list-style-type: none"> □ Technology maturity Purpose: To ensure adequate & efficient manufacturing capability. Key Activities: <ul style="list-style-type: none"> □ Initial Operational Test Evaluation & Live Fire Testing of Production Articles □ LRIP Exit Criteria: <ul style="list-style-type: none"> □ LRIP report □ Full operational capability; deployment complete 	Entrance Criteria: <ul style="list-style-type: none"> □ Independent cost estimate □ Manpower estimate Purpose: To make full rate production and deployment decision. Key Activities: <ul style="list-style-type: none"> □ Full rate production □ Deployment of system □ Full operational capability; deployment complete.

DOD 3000.3 Dated: 09 July 96
 DoD Acq Interim Guidance Dated: 12 May 03
 AR 70-1 Dated: 15 Jan 98
 SECNAVINST 5000.2C Dated: 28 Feb 01