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| **Facilitator Name: Will Jenkins and Fabio Agosto** |
| Table Topic: Agile Methodology Within Weapon Systems |
| 1. How can Agile methods be tailored to development of a weapon system?   * Using Jiri like sw allows projects to be agile automatically. * Programs do not taken on a full agile approach, sub projects are still following traditional methods. Trying to tie in agile convolutes things. Need to add mini PDRs, iterative approach. - What is the programs Risk Appetite? * Seen as an additional steps to take on top of existing process. - Need to characterize uncertainty. * We need to focus on the principles of Agile and not necessarily am I doing scrum or using the tools. * It is hard to find an MVP or demonstration with hardware products. * SETR is a checklist.. a repetitive process that doesn’t align with Agile. * Need to engage with users to ensure iterations are going the right way, technical review. * We need to understand the requirements early and ensure iterative process… * Model and simulation is key to enabling agile for hardware products. - We should check with the digital certification Istari is doing. * We need to have CI/CD and agile methods on ctrs. - There needs to be more focus on MVP.. The most functional reqs. * Objective and risk-based approach instead of checklist. Begin with test and automation. CI/CD pipeline is crucial. * Accelerate initial development of system to prove-out product. Lack of understanding on investments and technology. * Vertical integration. -Regular communication. * It is okay to fail a test.. We need to encourage that it's okay to fail.   2. What aspects of traditional acquisition practices are incompatible with Agile, and how can these be addressed or mitigated?   * Working product over comprehensive docs. * Reviews are too long. The burnout. Needs to be more regular and smaller. Validation of smaller pieces. * PMs don’t stay on a program for the entirety of a program. Long-term cost savings is the * SETR timeframe is getting on the way.. It's too short-term. Too cheap upfront. * Lack of understanding on investments and technology, cost is not the only measure. * Government PMs need understand agile. * Attempts not to focus on relationships, but, this is key. * Contractors and Government need to work on trust. Need to work on transparency.   **Take-aways for future state**.   * Increase transparency. Decouple SETR from current process. * Work on smaller pieces at a time. Iterative with constant communication. * Structure of SETR does not synergies with Agile lifecycle. Blend both of both worlds. * Re-work the SETR process. * Automated and continuous testing. Culture and training. * It needs to be okay to fail. * Too many buzz words.. * We need to pay only for products and not paper/docs. * Super-sized contracts need to also play by the same rules. * We need to take away process and stop adding. * Culture needs to change to accept collaboration. Culture is the biggest challenge. |