# NDIA's Agile in Government Summit 6/6/2018-6/7/2018.

Keynotes:

Major General Sarah Zabel

Don Reinertsen

http://www.ndia.org/events/2018/6/6/agile-in-government/proceedings
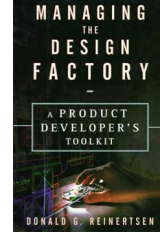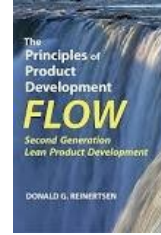
Agile and EVMS

They Can Co-exist! (per John McGregor Deputy Director for Earned Value Management, PARCA, Office of the Assistant Secretary of Defense for Acquisition)

https://www.acq.osd.mil/evm/

Incremental process, i.e. Rolling Wave Planning; Agile Release/Program Increment Planning.

Scenario describes one method of how Agile can underpin EVM progress in support of tracking program cost and schedule status and metrics

- The scenario is a generic SW program implementing an Agile development process
- The scenario has defined a single product Release which is tracked using Earned Value
- Shows alignment of EVM WBS elements to the Agile products hierarchy

Agile Contracting – Dr. Stephen Mayner SAFe

https://techfarhub.cio.gov/

Handbook for Procuring Digital Services Using Agile Processes

All structures (standard C, IDIQ, BPA, GWAC, set-aside, etc.) can support Lean-Agile contracts

All types (FFP, T&M, CPFF, CPAF, etc.) can support Lean-Agile contracts

...In exercising initiative, Government members of the Acquisition Team may assume if a specific strategy, practice, policy or procedure is in the best interests of the Government and is not addressed in the FAR, nor prohibited by law (statute or case law), Executive order or other regulation, that the strategy, practice, policy or procedure is a permissible exercise of authority. FAR 1.102

Change the basic purchase quantum to an 'Agile Team Iteration'

- Execute each PI
- Measure progress biweekly via system demo
- PI System Demo is the major contract event
- Measure, evaluate, Inspect and Adapt
- Increase, steady, ramp down?

Dr. Mayner is also working on compiling a library of actual Agile contracts that have been written.

Acquisition Reform and Agile: Section 809 Panel- VADM Joseph W. Dyer

What is the Section 809 Panel?

Congressionally mandated (FY16 NDAA), independent, non-FACA commission tasked with streamlining and improving the defense acquisition process

The Section 809 Panel learned that modernization requirements for defense business systems (DBS) are subject to nine approval layers. Accordingly, the panel recommends giving approval authority to lower-level, experienced portfolio leaders. To further enhance DoD's ability to access the best suited information technology solutions when they are needed, the panel recommends eliminating the imposition of Earned Value Management (EVM) when developing software using Agile methods.

...

systems and software as a part of major weapon system platforms.[88] Empowered representatives from the operational community should manage requirements via a *series of dynamic backlogs* rather than large static documents.[89] A backlog is a prioritized list of requirements written from an operational

Agile in DHS: Bill Pratt, Director Strategic Technology Management, DHS OCTO. (linkedin.com/in/bill-pratt-2431335)

Recommendations at a Glance

Critical Action Plans

#	Plan	#	Plan
1	**Automated Workflow Tool for Artifact Review** Improve the process for acquisition document review, adjudication, and approval, enabled by workflow management and process automation technology solutions	7	**Requirements Identification** Review DHS acquisition guidance, policy, and practices for the identification and management of requirements through the JRC
2	**Unified Authority for Action Plan Implementation** Establish a Unified Authority to govern, institutionalize, and manage the implementation of AAWG Action Plans and enable continuous improvement of IT acquisitions and delivery	8	**Testing & Integration Guidance** Update DHS acquisition guidance, policy, and practices for testing and evaluation to enable modern best practices in automated testing and continuous integration
3	**Embedded Support for Agile Acquisition (NextGen AAWG)** Establish a scalable future operating model for support of Level 1 and 2 acquisition and IT programs	9	**Tech Solutions & AoA** Update the DHS acquisition guidance, policy and practices for evaluation of technical solutions and vendors, including a lean AoA
4	**Defined Roles & Responsibilities** Define roles and responsibilities for each step or phase of the ALF and SELC	10	**Agile Cost Estimation** Update the DHS acquisition guidance, policy, and practices for initial cost estimation and LCCE reviews for multiyear IT programs
5	**Agile Governance through Obtain** Incorporate Agile governance and review models to increase transparency and feedback throughout the Obtain Phase and Operations and Maintenance (O&M)	11	**Cyber Guidance** Update the DHS acquisition guidance, policy and practices for cybersecurity considerations for IT acquisitions
6	**Realigned 2A/2B Decision Points** Modify principle acquisition decision points and production reviews, including ADE-2A and ADE-2B, Initial Operating Capability (IOC), Full Operating Capability (FOC), and Production Readiness Reviews	12	**Value Stream Mapping** Map current, future, and ideal state process relationships across the entire ALF/SELC to identify continuous improvement opportunities