Can we go faster?

Janice Bryant, NAVSEA 05T1, Strategic Technology Manager

DISTRIBUTION STATEMENT A. Approved for public release.
Janice Bryant is a senior Strategic Technology Manager for Naval Sea Systems Command (NAVSEA). Her work touches all of NAVSEA to inspire, foster and implement innovations and new technologies. Janice is a plank owner of the Tactical Innovation Implementation Lab (TIIL), and created a $30M RDT&E portfolio for sustainment of Navy assets; examples include robotics, AI solutions, cold spray, and digitization of industrial processes. She leads new technology integration as a principal role specifically related to repair technologies, Shipyard Infrastructure Optimization and OSD Joint Technology Exchange Group (JTEG).
How fast is fast enough?

Global Product Data Interoperability Summit | 2019
As technical obsolescence occurs in increasingly shorter time frames, how do we know what solutions to deliver at the right time?

**Capabilities first**

**Assessment of Alternatives (A0A)**

**Sprints**
How do we induct at scale, holistically and with impact?

“...[C]urrent technology has advanced to a point that a quantum leap in ship tank inspection and repair is possible. If a concerted, well-funded effort is initiated now, initial, substantial cost savings can be expected by 2020, with robots assisting humans in the most tedious and dangerous portions of dry tank inspection and repair.” Automation AoA (Oct 18)
What has to change within structures and policies to support a pace that delivers value?

Change has to be staffed

Change has to happen holistically and in context

Change must become “comfortable” for an organization

We must value outcomes over compliance

Strong implementation targets create speed through need
What holds us back?

- Stove piped perspectives
- Local optimization of risk/benefit
- Imprecise value understanding and articulation
- Constrained conversation/status quo thinking
- Failure to learn and risk aversion in execution

“At best we’re not being efficient. At worst we’re competing with each other.” ASN RDA James Geurts
DoD and partner organizations need action-oriented enterprise-wide structures that support rapid development and implementation. A joint roadmap effort will drive the future of enterprise-wide development.

- Acquisition and funding mechanisms will drive demand signal for industry innovation.
- Fostering cross-organizational visibility on implemented solutions will drive scalability and reduce duplication.
- Integrating readily-available CCTS solutions will drive immediate impact.
Keyport one of five programs selected to host Navy 'tech bridge'

Assistant Secretary of the Navy James Geurts speaks during an all-hands call at the Naval Undersea Warfare Center Division, Keyport on Aug. 20. On Tuesday, Geurts

NAVSEA Works to Establish Unified Sustainment Voice

Story Number: NNS190707-09 Release Date: 7/10/2019 4:08:00 PM
By Nathanal Miller, Naval Undersea Warfare Center Division, Keyport Public Affairs

KEYPORT, Washington (NNS) -- Naval Sea Systems Command's (NAVSEA) Advanced Shipyard Technology (AST) Program is at the forefront of an effort to align multiple maintenance centers across the Navy and Marine Corps to more efficiently introduce technologies into depot-level maintenance and repair activities.

The efforts began to come together during a conference in Tampa last December when senior executive service (SES) leaders from NAVSEA's industrial operations, Marine Corps Logistics Command (MARCORLOGCOM), and the Commander Fleet Readiness Centers (COMFRC) for Naval Air Systems Command (NAVAIR) agreed to begin collaborating on opportunities and programs that, until now, have been handled independently. These multiple independent efforts resulted in redundancy, increased costs, and a slower workflow across these organizations.

"Depot maintenance providers have many common problems that can benefit from technology-based solutions," said Janice Bryant, director of NAVSEA's Tactical Innovation Implementation Lab (TIIL). "A tank is a tank, whether on a plane, a ship, or a main artillery tank. The elements of operation, and maintenance are the same. By working together, ..."
Questions and comments?

Janice Bryant
NAVSEA 05T1
(360) 507-8745
Janice.k.bryant@navy.mil
#GETSHIPSDONE