

# **Task for Department of Homeland Security**

**“Provide recommendations on  
how to improve Systems  
Engineering in Acquisition”**

# DHS Components

- **Transportation Security Administration**
- **US Coast Guard**
- **US Customs & Border Protection**
- **US Citizen & Immigration Services**
- **Federal Emergency Management Agency**
- **US Immigration & Customs Enforcement**
- **US Secret Service**
- **National Protection & Programs Directorate**
- **Domestic Nuclear Detection Office**
- **Office of Health Affairs**
- **Office of Intelligence & Analysis**

# Methodology

- **Sponsor: Jim Tuttle, Chief Systems Engineer, DHS**
- **Description: DHS has a comprehensive Guidebook, 102-01-103-01, on Systems Engineering Life Cycle**
  - Fully and effectively describes the DHS acquisition process
- **Suggested Issue to NDIA: Systems Engineering involvement in acquisition is inconsistent and at times ineffective**
  - Lack of technical authority
  - Lack of oversight

# Getting Started

- **NDIA task chair, vice-chair will be invited to annual DHS Systems Engineering Center of Excellence meeting**
  - Late January/early February
  - DHS HQ, Vermont Ave, Washington DC
- **Will present our most recent “Top Systems Engineering Issues within the Department of Defense”**
  - Set the stage for what NDIA can offer
  - Initiate discussions on what DHS component SE representatives believe to be “problem areas” within DHS
- **Plan next steps based on results of discussions**
  - Series of workshops with DHS Components and NDIA SE experts
  - Series of specific interviews with DHS component SE reps
  - Other

# Output

- **Report similar to “Top DoD SE Issues Report” but entitled “Recommendations to Improve Effectiveness of Systems Engineering within the Department of Homeland Security”**
- **Target release date: late 2018**
- **Submitted by Gen Hawk Carlisle to DHS Acting Secretary Elaine Dukes**
  - After review by Jim Tuttle and Kerry Wilson

This is timely because we just learned that



**WalMart has installed Surface-to-Air missiles to shoot down Amazon delivery drones**