



Workforce Demand Forecast Model Analysis by PEO IWS



"Sea Power to the Hands of Our Sailors"

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PEO IWS Overview Programs & Projects Diverse Portfolio of Portfolios

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Mission: To develop, deliver, and sustain operationally dominant combat systems to Sailors and Marines: "Sea Power to the Hands of our Sailors"



WHAT IS THE PROBLEM TO SOLVE?

For organizational staffing decisions, we need to be able to answer the following:

1. If I have to	2. If I can <i>add</i> billets, where could they be applied?	3. If I need to <i>re-</i>	If I look 5 years into
<i>reduce</i> billets,		<i>assign</i> billets or re-	the future what
what areas or		structure, what is	kind of KSAs
programs should		the most efficient	should I be
they come from?		way to do this?	targeting now and perhaps where can I find them?

- Do we have data and analysis that supports current staffing levels?
- How do we know that we are allocating the correct billets to the correct programs?
- Is there a way we shape future staffing decisions?
- How much rigor is necessary to support leadership decisions?



SCENE SETTER

- NAVSEA PEO IWS is applying Decision Lens software and dashboards to instill rigor, granularity, and analysis to understand the people we have and what we're doing
- As a result, for the first time, NAVSEA PEO IWS is strategically applying resources: e.g. assigning less experienced employees to specific programs, or having smaller teams of highly experienced professionals who are better suited based on program complexity
- Going forward, NAVSEA PEO IWS can decide where to apply resources to tame complexity, manage risks, and execute efficiently while fulfilling the mission



All programs are not created equal in terms of how to manage them efficiently

□ One program office per program does not work

- Portfolio based program offices can be most efficient at executing programs
 - New programs can be added to an existing infrastructure affordably
 - Cutting programs does not necessarily result in significant manpower savings



- 1. Measure program **complexity** and the **importance** of program functions
- 2. Identify and capture **existing workforce data** and costing information from the large quantities of human capital data for NAVSEA
- 3. Leverage the software for **analytics** and key **insights** and incorporate expert **judgments** into the process
- 4. Allows Program Managers to **assess structure** on how to allocate and optimize resources through scenario planning

The software enables us to analyze risk management vs. program complexity based on program office workload demand



PEO IWS WORKFORCE OPTIMIZATION OVERVIEW

OVERALL MODEL STRUCTURE AND INTEGRATION





ENTERPRISE VIEW OF PROGRAMS





ADDITIONAL APPLICATIONS: FUTURE POM REQUESTS

LARGER BUBBLES = REQUESTING POM RESOURCES





ADDITIONAL APPLICATIONS: STAFFING NEW PROGRAMS

RATE NEW PROGRAMS AGAINST CRITERIA TO GAUGE STAFFING NEEDS





ACTUAL COMPLEXITY/FTE

(ASSUMES CORRECT COMPETENCY APPLIED TO CORRECT TASKS W/IN PROGRAM)





ACTUAL COMPLEXITY/FTE

(ASSUMES CORRECT COMPETENCY APPLIED TO CORRECT TASKS W/IN PROGRAM)





- Characterize programs based on their complexity
- Rank program functions based on their importance to the success of the program
- Develop risk based scenarios for each program/function
 - Current baseline, Farm team, Lean and mean, Matrixed, Stovepiped



PEO IWS WORKFORCE OPTIMIZATION OVERVIEW

OVERALL MODEL STRUCTURE AND INTEGRATION





- We could strategically place people based on experience and talent levels
- Develop an organization that grows individuals in a farm team
- Prepare them to become highly skilled lean and mean employees
- ….and still manage our risk



SIMULATIONS AND VIGNETTES





- We could set policy based on impact to the workforce
- Quantify for policy makers, the impact of policy changes
- Do a better job of change management by analyzing workload
- Quantify value of tools to improve quality or minimize workload
 -and still manage our risk



- We could shape recruiting efforts
- Based on detailed analysis of future needs
-and still manage our risk



SIMULATIONS AND VIGNETTES





- We now have the data and the tools to help decide where do we apply resources to tame the complexity, to manage risks, to execute efficiently
- Leverage existing data to capture all of the parameters that correlated to FTE and determine what drives workload AND efficiency in our current state
- We can use this type of analysis to justify current and future staffing levels.
 - □ Balancing risk/cost/complexity and human capital planning
 - Analytics tell us where we should consider improving: hiring, policy, structure, training, tools, etc.

This framework has <u>major</u> implications for resource optimization and program success



Thank you for your time! **QUESTIONS?**

