NDIA HUMAN SYSTEMS CONFERENCE

HSI FAQ ARTIFACT DEVELOPMENT FOR JOINT HSI WORKING GROUP

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OVERVIEW

Background

Generate artifact

Alignment with JSHIWG needs

translation

Recruitment

Dev and editing process

Review and submission

Next steps

Hard questions

FRAME THE PROBLEM: HSI NEEDS EVANGELISTS

- NDIA HSC's purpose

- Value of Artifacts

- Scope of the need in HSI

- Choose a target audience

- Information Consolidation

HSI Policy & Guidance Summary

- Department of Defense Directive (DoDD) 5000.01, "The Defense Acquisition System" (June 2022)

- DoD Instruction (DoDI) 5000.02, "Operation of the Adaptive Acquisition Framework" (July 2022)

- DoDI 5000.95 "Human Systems Integration in Defense Acquisition" (April 2022)

- MIL-STD-46855A, DoD Standard Practice, Human Engineering Requirements for Military Systems, Equipment, and Facilities

- Office of the Deputy Director for Engineering, OUSD (R&E) (May 2022). Human Systems Integration Guidebook

HSI FAQ LIST

JHSIWG already has an FAQ list available at:
https://www.dau.edu/cop/hsi/resources/hsi-frequently-asked-questions

Our team pulled together HSI practitioners, experts, and warrant holders, to produce expansions to this list.

- ⌄ [Are commercial standards available?](#)
- ⌄ [What are human performance metrics?](#)
- ⌄ [What are the benefits of HSI?](#)
- ⌄ What is included in the HSI domain?
- ⌄ [What does HSI address?](#)
- ⌄ [When should HSI be involved?](#)
- ⌄ [Can good HSI training make up for UX?](#)
- ⌄ [How does technology serve humans?](#)

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PROCESS AND DRAFTS

First drafts developed between Oct and mid-Dec 2023

Revisions built around biweekly meetings

The list we have is a viable first cut

Guiding principles in question scope and curation:

- Can we provide a meaningful answer in 200-500 words?

- Is this a question stakeholders will benefit from outside existing guidance?

- Will this save time or inform a better decision?

EXCERPTS FROM THE LIST

1. Why should *you* be doing HSI?

2. What are the domains of HSI and by what authority are PM stakeholders required to incorporate it?

3. What are the associated terms that show how different domains are related to HSI and how they are related?

4. What are some emerging technologies that would benefit from HSI involvement and why or how?

5. Why should you resource and fund an HSI team?

6. Where should HSI fall in your organizational structure on a program?

7. What is the expertise required to practice HSI?

8. Why is it important to involve usability assessment in your acquisition strategy?

9. What are the barriers to including HSI in early concept development in an acquisition program?

NEXT STEPS

- Get the final version of the list live

- Promote awareness of the resource we built along with existing tools

- Join JHSIWG APAN group!

- Build more artifacts in support of JHSIWG