**Table #**

**Panel 3, National Security**

**Note taker name Eric Jabs**

**Moderator Jesse Richman**

***Question 1****: How should projected sea level rise over the lifespan of new or replacement infrastructure be factored into the design of new facilities, and should it be a factor in prioritizing projects?*

***Answer/Notes:* Build less than the perfect soln, but build what you can afford.. They didn’t discuss isolated port—it’s a systems of systems..RR tracks under water. People get to job over public roadways—cost to maintain….**

***Question 2:*** *Should assessments of the vulnerability of military bases, port facilities, shipyards and other coastal facilities to sea level rise, and adaptation planning for them, include local and regional critical infrastructures, such as electrical power, transportation, and water and sanitation systems? What entity should take the lead in assessments of critical infrastructures, given that their ownership and operation cuts across a wide range of private and public sector organizations?*

***Answer/Notes: “Them” circle----a lot of actors. Funding is from different sources. Navy is a monumental influence—very important…ports are less so, especially in last decade. HRPD just a think tank, not deep pockets. But regional connectivity: HRSD, trash, transportation cooperation level now….should cities take lead? But cities might be parochial, city of Norfolk is willing to lead, but really as a partner…this issue is not @ the top of anybody’s list. But, the port get state money for infrastructure No. State said you’re competing against each other, but each cities said we’re loosing tax bases! State made vague promise of making up, but nothing yet. Ports don’t come to table. Shipyards (private) pay taxes! State of VA doesn’t support well…..roads, prisons, etc----state will probably not support.***

***Question 3****:* *Where should future research on the impact of sea level rise and adaptation to sea level rise be focused, and what are the opportunities for collaboration on research and the development of adaptation strategies and measures – both international, and among government, private sector and academic institutions?*

***Answer/Notes: Pay for Jabs’ dissertation (PhD on SLR) to fix this! City of Norfolk is out there asking for help…ACE…federal funds should be executed. Research should be done on how to fund a public-private venture to address this! Local studies don’t study benefit on economic benefits of having a nice beach, or dunes, grass, mangroves…..tie it to VA Beach and oceanfront/tourism, etc. All politics are local…mitigation strategies. Remove political barriers…include this in study—how to channel into a single/simple. Ports’ perspective---we are part of a world community, national security aspect—Navy, keep channels open, nuclear ship construction.***

***General Question****: Given what you've learned during this panel, what types of collaborative research and action might be most useful in affecting adaptive policy?*

***Answer/Notes:***

*Consensus Points:* ***Plan around local…but must include big money…pull all stakeholders, and ante up….press them. Ship’s go to sea in storm, Sailors can’t get to ships…transportation…how do you create structures to cause cross-talk?***

*Takeaways/Action Items:*

*Points of dissent: Even wall across by CBBT needs a pump on landward side…although can’t dredge to hold more water….Hague and Lake Bradford. Norfolk’s budget $1-2B for flood mitigation projects*

*Miscellaneous/Interesting:*