Thanks, Matt,
Some deliverables can be found at https://atarc.org/resource-library/
Most of them are very high level, strategies, policies, etc.

Lily

From: Matthew Scholl <matthew.scholl@nist.gov>

Date: Monday, June 22, 2020 at 10:27 AM

To: Lily Chen <lily.chen@nist.gov>

Subject: Re: About ATARC

They seem to be OK to talk to and present. As you stated, just stay in scope and discuss the program we are doing and that should be fine.
Poking around the website they seem to have many other agencies participating but not really sure what they produce?

From: "Chen, Lily (Fed)" <lily.chen@nist.gov>

Date: Monday, June 22, 2020 at 10:21 AM

To: "Scholl, Matthew A. (Fed)" <matthew.scholl@nist.gov>

Subject: About ATARC

Hi, Matt,

Here is a link of ATARC https://atarc.org

You can see that they have covered many areas. "Quantum" is a new area. I spent a lot of time to explain to them that "quantum" covers many areas. (by "them", I mean Maeva Ghonda.) I think they are eagerly to get into something but did not have many expertise.

The group had a webinar on June 9 https://atarc.org/event/quantum-webinar-2-2/

Please notice that the keynote was given by Ken Corigliano, Chief of Intelligence, U.S. Air Force. His keynote is fine for why US should enhance "quantum" research without too specific.

Recently Ken proposed three ideas

1. Establish a Quantum Standards – Quantum clock by 2023, a network of six satellites by FY2026

2. Quantum secure communication for network security, e.g. The nuclear command and

control (NC3) system, White House Air Force One, CMCC, NMCC and the National Airborne Operations Center by FY 2030

3. Graduate 1000 students per year per discipline: Algorithm, communications, computing, cryptography, materials, sensing, etc. Incentive universities through subsidizing tuition by 60% - $200million for public $35 million for private by FY 2026.

I do not see anything seriously wrong. What I concerned is that these are not quite an organization like ATARC can propose with proper justifications. Furthermore, the second item above is really depending on whether the national security considers quantum network is the way to go. I provided some comments, mainly saying I do not find proper justification for these proposals. In fact, I am wondering who will listen these proposals.

What I can do and have been doing is to explain what role PQC will pay in quantum time and NIST initiatives. Jake Taylor was looped in once in March/April but he just said ATARC group needs to reach the right people. He suggested some organizations, which I do not recognize and no follow up.

Maybe this is a usual way for an organization to start something new. I am used to work with a well defined agenda with expertise to navigate from the very beginning. If you or anyone know some background about this organization, please share with me. My concern is actually not about wasting my time but getting into something not quite right. I hope I can learn something through this.

Thanks,
Lily