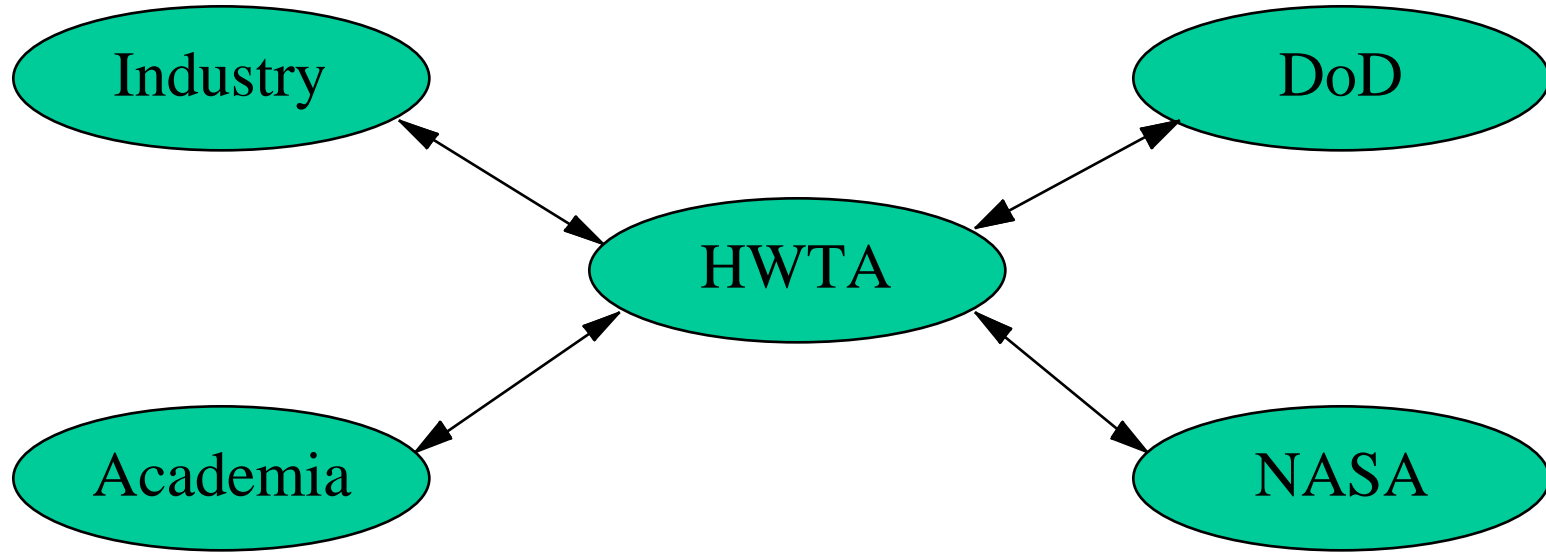
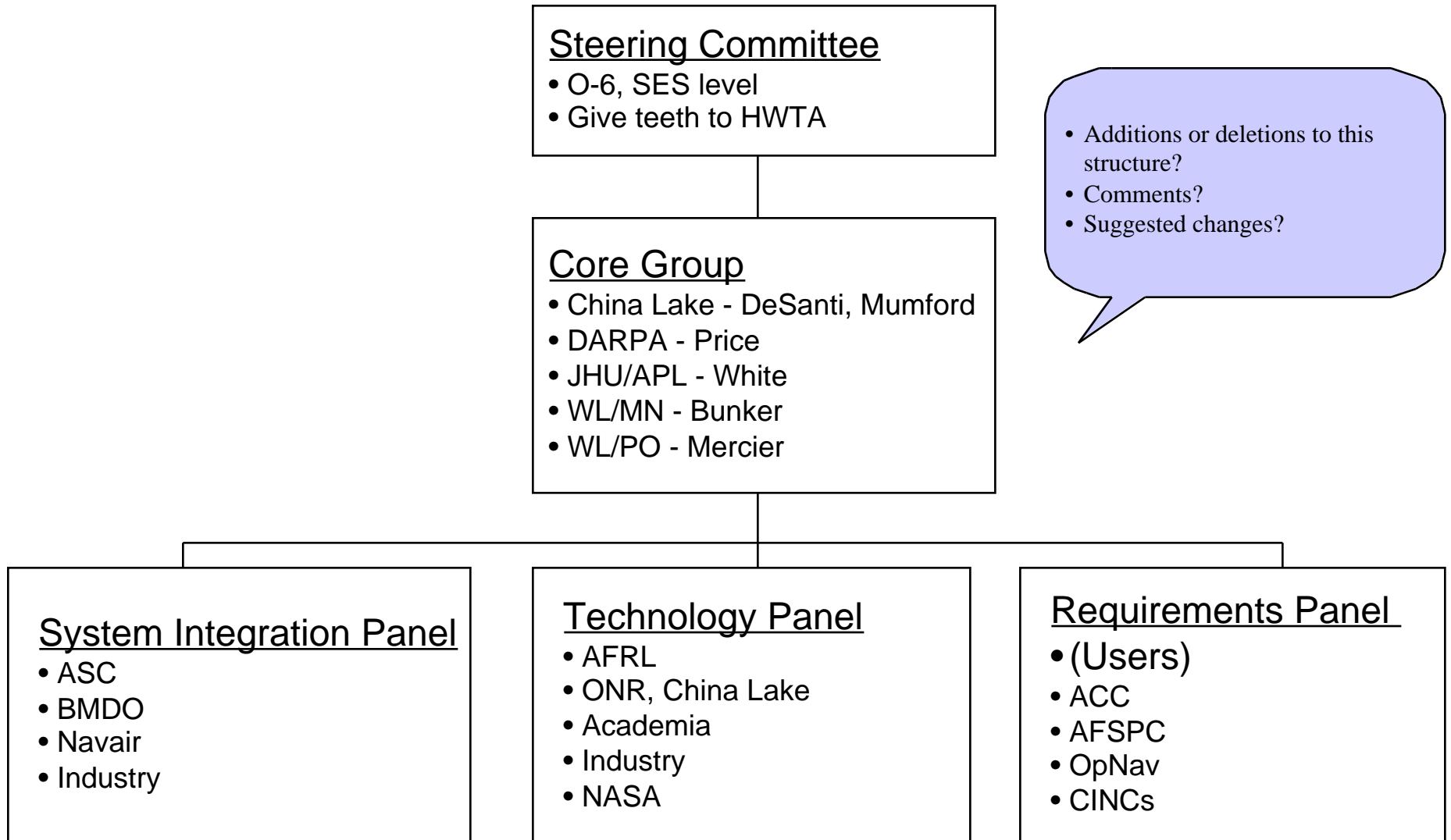


Hypersonic Weapon Technology Alliance



Objective: Develop a national strategy for hypersonic weapon technology development to ensure that such efforts are smooth, orderly and coordinated

HWTA - Organization



HWTA - DoD Members

USAF

- ACC
- AFSPC
- AFRL
 - WL/MN
 - WL/PO
 - WL/FI
- AFOSR

Navy

- China Lake - NAWC
- Navair
- OpNav
- ONR

Others

- DARPA
- BMDO

Army?

DoD Role:

- As the primary customer & largest source of \$\$\$, DoD would provide significant direction to HWTA
- Source of expertise in 6.1-6.3 research, systems development, requirements generation, user perspective

HWTA - Academia

- USAFA
- Naval Postgraduate School?
- JHU/APL
- Major universities
- Research institutes

Academia Role:

- Source of 6.1, 6.2 expertise
- Conduct basic hypersonic research in areas relevant to hypersonic weapons
- Stimulate innovative thinking

HWTA - Industry

Major Primes

- Raytheon/Hughes
- Boeing (including Rockwell, MDA)
- Lockheed-Martin/Vought
- etc

Others

- WJSA?
- Anser?
- etc

Industry Role:

- Source of 6.2 - 6.4 expertise (some 6.1)
- Advocate hypersonic weapon technology
- System integration, manufacturing experts
- IR&D research

HWTA - NASA

- Langley - aerodynamics
- Lewis - propulsion
- Sandia - reentry vehicles

No Sandia is not part of NASA,
but I didn't know where to put
them

NASA Role:

- Source of 6.1, 6.2, 6.3 expertise
- Provide ground & some flight test assets
- Leverage NASA efforts

HWTA - Comments

- Use Rapid Response Weapon working group meeting at JHU/APL (Oct 96) as starting point, work from there
- Steering committee provides management buy-in -- without management support, HWTA could be nothing but talk
- Core group will plan, coordinate meetings, etc
- 2 meetings/year of entire group (too many?)
- Quarterly meetings of core group (too many?)
- Initial goals:
 - Build library of past hypersonic wpn programs, lessons learned
 - Provide method for maintaining tech base & corporate knowledge (many experienced people will soon retire)
 - Coordinated roadmap across community - hypersonics is too expensive to allow overlap

HWTA - Comments (cont'd)

- HWTA could provide single voice of hypersonic weapon community
- Potential for much \$\$\$ spent on hypersonic weapon research/development of next 5-10 yrs. Need to invest \$\$ wisely and be able to justify expenditures collectively and within individual organizations (i.e.- no duplication of effort, competing technologies are OK)
- Could get SAB involvement (any Army/Navy equivalent to SAB?)