## Small Satellites 1AC

### Observation 1: Inherency

### The Air Force acquires a few expensive satellites to do multiple aggregated tasks. This process drives up costs and limits opportunities for space exploration

Thomas D. Taverney (Senior Vice President with SAIC, Major General in the Air Force) August 29, 2011

[The Space Review, http://www.thespacereview.com/article/1918/1, accessed 10/17/11]

Currently, the US . . . variety of missions.

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### Disaggregation of these systems is not coming in SQ

Amy Butler, August 31, 2011

[Aviation Week and Space Technology]

Despite growing interest . . . programs in production.

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Therefore, we present the following plan:

The United States federal government will increase space exploration and/or development by replacing existing satellite acquisition with a system of disaggregated, mixed payload satellites with shorter lifetimes.

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### Advantage One: Budget Crunch

### Current economic decline will make Air Force budget cuts inevitable

Thomas D. Taverney (Senior Vice President with SAIC, Major General in the Air Force) August 29, 2011

[The Space Review, http://www.thespacereview.com/article/1918/1, accessed 10/17/11]

First—and this . . . the aerospace industry.

### Continuing the SQ satellite acquisition policy will cause massive DOD budget tradeoffs, crushing warfighting and readiness

Thomas D. Taverney (Senior Vice President with SAIC, Major General in the Air Force) August 29, 2011

[The Space Review, http://www.thespacereview.com/article/1918/1, accessed 10/17/11]

We have a conundrum . . . this precarious position.

Therefore, we present the following plan:

The United States federal government will increase space exploration and/or development by replacing existing satellite acquisition with a system of disaggregated, mixed payload satellites with shorter lifetimes.

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Air Force warfighting is essential to prevent multiple nuclear wars, including China-Taiwan, India-Pakistan and in the Middle East

Khalilzad and Lesser 98 (Zalmay and Ian, Senior Researchers – Rand, Sources of Conflict in the 21st Century, http://www.rand.org/publications/MR/MR897/MR897.chap3.pdf, AD:6/26/10) jl

This subsection attempts . . . of WMD proliferation

Air Power solves North Korean aggression

Bechtol 5 (Bruce, Associate Professor of Political Science at Angelo State University, “Future of U.S. Airpower on the Korean Peninsula,” <http://books.google.com/books?hl=en&lr=&id=h9NIoK92WkwC&oi=fnd&pg=PA75&dq=%22US+air+power%22+deter+china&ots=7FCeJ5n6tY&sig=oDhS9gaFN1g61LBShVuHPjt38pQ#v=onepage&q=air%20power&f=false>)

Since the summer . . . during a crisis.

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Korean war escalates causing a nuclear winter, millions of deaths and financial collapse

Hamel-Green and Hayes 10 (Michael, Dean and Prof. Faculty of Arts – Victoria U., and Peter, Nautilus Institute, Special Report 100-001, “The Path Not Taken, the Way Still Open: Denuclearizing the Korean Peninsula and Northeast Asia”, 2010, <http://www.nautilus.org/fora/security/10001HayesHamalGreen.pdf>)

The consequences of . . . the international community.

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### The plan reduces satellite acquisition costs and increases space exploration while saving the budget

Thomas D. Taverney (Senior Vice President with SAIC, Major General in the Air Force) August 29, 2011

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If one can . . . expensive) program developments.

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### Advantage Two: Satellite Vulnerability

### US / China space conflict inevitable – China is rapidly acquiring capabilities, have demonstrated hostile intent, and China will assert sovereignty claims over space

Space and Missile Defense Report 2007[China Will Attack U.S. Space Assets In Any War; Pentagon Must Field Defenses. (2007, October). Space & Missile Defense, Retrieved June 23, 2011, from ProQuest Technology Journals]  
China will drop . . . space, he stated.

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### Vulnerability of space assets invites a new space war – this would destroy the global economy and increase the risk of accidental nuclear launch

**Myers, 2008** [lexis Date Accessed: June 23, 2011March 10, 2008 Monday, The International Herald Tribune, Risk of space war: Preparation outruns prevention Steven Lee Myers - The New York Times Media Group]

It does not . . . our space infrastructure.''

### An accidental launch would lead to retaliatory strikes and extinction within half an hour

**The American Prospect, 2/26/01**

The bitter disputes . . . checklist, by rote."

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### Taiwan is the most plausible scenario for Chinese ASAT attack

**MacDonald 2008 – Council on Foreign Relations** [Bruce, Council Special Report No. 38 September China, Space Weapons,date accessed : June 24th, 2011, http://www.cfr.org/china/china-space-weapons-us-security/p16707]

War between China . . . competitive space domain.

### Taiwan conflict leads to nuclear Armageddon

**Strait Times 2000** (June 25, “Regional Fallout: No one gains in war over Taiwan”, Lexis)

THE DOOMSDAY SCENARIO . . . above everything else.

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### Small satellites are vital to deterrence – they have the ability to reconstitute capabilities more quickly

**Butterworth, 8** - President, Aries Analytics, Inc. Fellow, George C. Marshall Institute (Robert, “Assuring Space Support Despite ASATs,” <http://www.marshall.org/pdf/materials/575.pdf>

**Timeliness is the** . . . other hostile action.

### The plan makes our overall satellite system less vulnerable to attack

Thomas D. Taverney (Senior Vice President with SAIC, Major General in the Air Force) August 29, 2011

[The Space Review, http://www.thespacereview.com/article/1918/1, accessed 10/17/11]

Where it makes . . . costs even more.