#### Contention 1: Inherency

#### Government support needed for spaceport demand now

Hall 12

Hall, Writer for DVice (SyFy), 2012¶ (Kevin, "Britain, U.S. firming up plans for new spaceports", DVice, "http://dvice.com/archives/2012/07/britain-us-firm.php", 7/11/12, Accessed: 7/20/12)¶

The reason? With so many commercial companies looking to get into space, and

AND

with launch duties as well as provides training and research grounds for NASA.

#### Thus the plan: The United States federal government should increase its investment in spaceport network infrastructure in the United States.

#### Contention 2: Leadership

#### The US is losing soft power and credibility due to lack of space industry

Dittmar 12

Mary Lynne Dittmar (Dr., the President and CEO of Dittmar Associates, Inc. She is a senior consultant to NASA and to the space industry, specializing in strategic planning, space policy, strategic communications, commercialization, and public/private partnerships), The Space Review, January 3, 2012, "An enduring value proposition for NASA human spaceflight (part 5)", accessed May 16, 2012, <http://www.thespacereview.com/article/1998/1>

Whether or not the US HSF program is actually in retreat depends on one’s point

AND

was not caused by the change in policy, it culminated in it.

#### Spaceport development key to new age soft power and cooperation

Nucci and Gabrynowicz 11

Mária Zulick Nucci is an attorney, licensed to practice in Pennsylvania and New Jersey. She also is admitted in several federal jurisdictions. Her practice focuses on federal and state appellate litigation. Joanne Irene Gabrynowicz is the Editor-in-Chief of the Journal of Space Law; professor of space law and remote sensing law; Director of the National Center for Remote Sensing, Air, and Space Law at the University of Mississippi School of Law; and a Director of the International Institute of Space Law. She can be contacted at jgabryno@ olemiss.edu. 10 The Issue Is: What Is a Spaceport? The Air & Space Lawyer Volume 24, No. 1, 2011 (<http://www.americanbar.org/content/dam/aba/migrated/Forums/Airspace/MO/MemberDocuments/air_space_24_1.authcheckdam.pdf>)

Initially, states are analogizing spaceports to airports, which can be reasonable, and

AND

of legal issues for spaceports and their owners, operators, and users.

#### Science leadership is key to sustainable soft power

Coletta 9

Damon Coletta (Professor of Political Science at the U.S. Air Force Academy, Ph.D. in Political Science, December 1999 Harvard University, Master in Public Policy, 1993 Stanford University, Master in Electrical Engineering, 1989 Stanford University, B.S.E.E., 1988), Defense Technical Information Center, September 2009, "Science, Technology, and the Quest for International Influence", accessed May 22, 2012, http://www.dtic.mil/cgi-bin/GetTRDoc?AD=ADA536133&Location=U2&doc=GetTRDoc.pdf

To discover sustainable hegemony in an increasingly multipolar world, American policy makers will

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policy institutes proliferated, combining with academic researchers to build epistemic communities.

#### Soft power needed to stop nuclear terrorism

Nye 04, Joseph Harvard, US MILITARY PRIMACY IS FACT - SO, NOW, WORK ON 'SOFT POWER' OF PERSUASION, April 29, 2004, p, http://www.ksg.harvard.edu/news/opeds/2004/nye\_soft\_power\_csm\_042904.htm

Soft power co-opts people rather than coerces them. It rests on the

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and developing a better balance of hard and soft power in foreign policy.

#### Nuclear terror causes extinction

Sid-Ahmed ‘4[Mohammed, Political analyst for Al-Ahram Newspaper for more than 20 years and author of several books on Middle East issues, 8/1, http://weekly.ahram.org.eg/2004/705/op5.htm]

A nuclear attack by terrorists will be much more critical than Hiroshima and Nagazaki,

AND

When nuclear pollution infects the whole planet, we will all be losers.

#### Contention 3: SSP

#### Launch costs for SSP remain high

Coopersmith 9, Historian of Technology at Texas A&M University 2009

(Jonathan Coopersmith, thespacereview.com, 9/28/09, http://www.thespacereview.com/article/1475/1, retrieved 6/22/11)

The sessions confirmed that the last decades have produced impressive technological advances in every area

AND

$600 million would be needed, a large but not implausible amount.

#### Spaceports lower launch costs for SSP

Clegg Et al 12

Melanie Clegg U.S.A.¶ Vincent Coache Canada ¶ Tyler Dwyer Canada¶ Shady El Azab Belgium¶ Kristin Freeman U.S.A.¶ Shai Gerner Israel¶ Marc Gick Canada¶ Fei Guan China¶ Yuri Ishizu Japan¶ Sebastian Klaus Germany¶ Marc Labriet U.S.A.¶ Mikkel Ladegaard Denmark¶ Frederico Larangeira Portugal¶ Luliang Lou China¶ Zhuoyan Lu China¶ Qinglang Luo China¶ Nuno Loureiro Portugal¶ Julie Mason U.S.A.¶ Narasimha Murthy N. Narasimhulu India¶ Paul Nizenkov Germany¶ Duarte Sousa Portugal¶ Fredrik Persson Sweden¶ Udrivolf Pica Italy¶ Lucie Poulet France¶ Maxime Puteaux France¶ Dmitry Rachkin Russian Federation¶ Eirini Maria Sfantzikaki Greece¶ Yuan Si China, Chrishma Singh-Derewa U.S.A., Rui Sousa Portugal, Suki Dauda Sule Nigeria, Anna Szwemin Poland, Graeme Taylor United Kingdom, Aliya Valiyff Australia, OASIS Space Studies Program 12, 2012, INTERNATION SPACE UNIVERSITY FLORIDA INSTITUTE OF TECHNOLOGY KENNEDY SPACE CENTER, http://isulibrary.isunet.edu/opac/doc\_num.php?explnum\_id=419

To offer a competitive price per kilogram for its customers, Ariane maximizes the mass

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does not have to wait for another GEO satellite to be launched with.

#### Lower launch costs spur SSP development

Collins 92

P Collins, 1992, "Implications of Reduced Launch Costs for Commercial Space Law", in Legal Aspects of Space Commercialization, editor K Tatsuzawa, CSP Japan, pp 13949.. http://www.spacefuture.com/archive/implications\_of\_reduced\_launch\_cost\_for\_commercial\_space\_law.shtml

Studies on the possibility of supplying large quantities of electric power to Earth from solar

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SPS 2000" (10, 11) becomes an attractive project today.

#### SSP key to solve water scarcity – reliable and powerful

Bishu 9 (Desta, writer, Ethiopian Review, 7/21, http://www.ethiopianreview.com/articles/16255m, accessed 6-27-11,

On the positive side of SBSP, power can be produced 24 hours a day

AND

. Space solar power can also be used for desalination of sea water.

#### Water is a human right – moral obligation to vote aff – leads to legal entitlements, rights, and stops discrimination

Rights and Humanity 11 Right to Water- http://www.righttowater.info/about/ “Information portal on human rights to water and sanitation” Date of information 2008-2011

Why recognising water and sanitation as human rights is important Water and sanitation are essential

AND

For more information please read through the links in the left hand menu.

#### Contention 4: Solvency

#### Congress key to spaceports and colonization – attract capital, technology and human resources.

Mineiro ‘8

Michael Mineiro - – Legal counsel to NOAA -- Boren National Security Fellow alumnus with

AND

19/12 WE DO NOT ADVOCATE THE GENDER LANGUAGE IN OUR EVIDENCE –

Congress needs to take the necessary steps to identify and resolve legal and political

AND

the development of commercial spaceports today, we build a road to tomorrow.

#### Spaceports key to SSP, asteroid mining, space tourism

**Webber 3** (Derek, “Lessons of ASCENT - Messages for Industry, the Federal Government and Spaceport Authorities” September 2003 Presented at Space 2003, Long Beach, CA, Spaceport Associates, Washington DC \* AIAA Member, Director, <http://www.spacefuture.com/archive/lessons_of_ascent_messages_for_industry_the_federal_government_and_spaceport_authorities.shtml>

These new entities have been discussed above. But are there any specific messages from

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even from the early years of spaceport operation before full profitability is recorded.

#### Threats aren’t arbitrary. Can’t throw out security or wish away threatening postures—we have to develop strategies for coping with threat perceptions.

Olav. F. Knudsen, Prof @ Södertörn Univ College, ‘1 [*Security Dialogue* 32.3, “Post-Copenhagen Security Studies: Desecuritizing  Securitization,” p. 360]

In the post-Cold War period,  agenda-setting has been much easier

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instance), not  least to find adequate democratic procedures for dealing with them.

#### **Cap inevitable and sustainable, solutions can be offered pollution, financial instability, health problems and inequality**

Rogoff 11

Kenneth Rogoff, Professor of Economics at Harvard, 12/2/2011, “Is Modern Capitalism Sustainable?,” <http://www.project-syndicate.org/commentary/is-modern-capitalism-sustainable->, KB

In principle, none of capitalism’s problems is insurmountable, and economists have offered a

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could be better regulated, with stricter attention to excessive accumulations of debt.