

President's Commission on Implementation of United States Space Exploration Policy

Rationale for Space Exploration

**US Chamber of Commerce
Space Enterprise Council**

Mark E. Bitterman, Chairman

US Chamber of Commerce Space Enterprise Council

Who We Are:

As a vital component of the US Chamber of Commerce, the Space Enterprise Council (SEC) is uniquely qualified to address space from the perspective of the full spectrum of American industry.

Our position

- We support the President's space initiative because we believe that space exploration stimulates economic growth.
- We will help build support for the initiative by assisting the business community, Congress and the American public in better understanding the economic benefits of space exploration.

History of Past Economic Benefits

- The space program over the last forty years has yielded significant economic benefits.
 - 25 million US subscribers of DTH TV
 - 10 million GPS users
 - 2 million satellite radio users
- The lesson of history outside the space sector is that exploration has yielded economic growth
 - Columbus: seeking spices opened a new continent to development
 - Lewis and Clark: charting new territory paved the way for western American expansion

Impact on the American Industrial Base

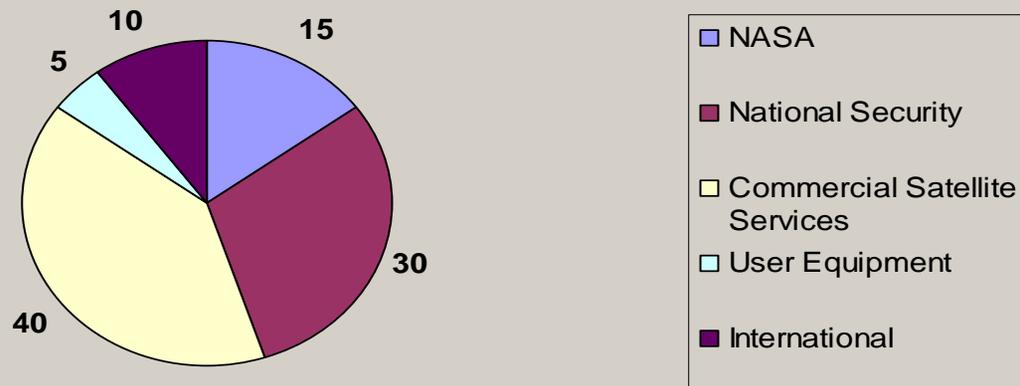
- This growth has impacted a large segment of industries outside the aerospace sector, including the medical, computer, and public safety fields.
- Attraction of students into science and engineering strengthened the US workforce.

International Competitiveness

- Space-related technological advances helped maintain the US lead in global markets across a wide range of industries.
- Enhanced US competitiveness helped maintain the US as a leader in the international community.

Space as a Broad Enterprise

**Snapshot of Global Space Spending
(shown in US Dollars- 100B total)**



- However NASA implements the President's policy, implementation must be in the context of worldwide space activity
- Just as the space enterprise is multidimensional, the full range of American business must be mobilized to achieve space goals.

Expectation of Future Benefits

- We believe, based on historical precedent, that America will gain both domestic and international economic benefits through implementation of the President's new space vision and policy.

Conclusion

- The SEC, speaking on behalf of the entire range of US industry, supports the President's space initiative because exploration will fuel economic growth through application of space-related technologies in domestic and world markets.