**Minutes**

**Space Authority Meeting**

**6/28/18**

**Call to order**

10:00 A.M.

**Roll Call**

Present: 7

Chairman Dial called quorum

**Welcome and Remarks**

Senator Dial met with Senator Shelby and reported Senator Shelby’s support. Sent letter to all congressmen. Dr. Barnhart made a motion to pass previous minutes. Dr. Altenkirch, first. Mr. Cook, second. Unanimous.

**Presentation**

Presentation is attached. It was given by John Roth, Vice President of Business Development.

Dream Chaser - Scale Model at Davidson Center

# I. Dream Chaser Orbital Vehicle Station

# II. Landing Site License Status

# III. First Commercial Mission: Opportunity - United Nations Dream Chaser Mission

# IV. UN Mission call for interest, 150 responses from 75 counties

# V. UN Dream Chaser Mission Timeline:

A. 2018 CFI for landing (tentative)

B. 2022 Mission (tentative)

# VI. Are we ready?

**Discussion**

Challenges to enabling to get Huntsville ready?

First time to require license so we haven’t done it.

Commercial crewed?

Dream Chaser meant to be crewed, so we’re hoping.

What can we do?

Respond to CFA, UN will make the decision. Huntsville is the only one trying.

Type of payload?

We can support satellites.

**Presentation**

Butch Roberts

The key is getting a mission. We’re committed. We’d like the resolution passed to show the Space Authority’s support.

Lucia Cape - see attached Power Point

# I. Legacy of Innovation and Exploration

# II. Why commercial Space

# III. Framework for Huntsville/Madison Co.

A. Project- Dream Chaser

B. Segment- Geo Spatial

C. Context- Global

# IV. Commercial Space Initiative

A. Feasibility Study

B. FAA Permitting

C. Business Development Group- ESA Competition

# V. Listed Partners

# VI. Geospatial

A. Recruiting

# VII. Global

A. ESA competition- First US orbit allowed to sponsor

**Discussion**

Are we looking at other commercial tenants?

Yes, haven’t used your network as much as we should.

**Resolution**

See attached.

**Presentation**

Ben Johnson for Tony Frazier and Mike Gold. Presentation is attached.

I. Maxar Technologies

II. Company Introduction

*A. Quick Facts*

*B. SSL*

*C. MDA*

1. Digital Globe 2. Radiant Solutions

III. Integrated Commercial and Government Solutions

IV. Innovation

V. SSL Activities in Huntsville

*A. Ixion*

*B. Satellite Servicing Center*

VI. Radiant Blue Purchased by Maxar

A. *Looking to Expand in Huntsville*

*B. Highly Specialized Geospatial Data Analysis*

*C. How We Operate*

1. Integrity

2. Community

3. Mission

4. Deliver World-Class

5. Data Science

D*. What We Offer*

1. Technology and Science

a) Data Science

b) Virtual Mission Analysis

c) Predictive Analysis

d) Cloud Processing and Data Transport

e) Radar Data Processing

f) Wargaming and Exercises

g) Hardware Engineering

h) What We Want for Huntsville

i) Contact Information

**Discussion**

Where do they go for fueling?

Our plan is that we’ll go to you, so that they can stay in orbit.

What about servicing unit?

Keep going like plane with fuel depot. Fascinating question, still in consideration.

Have you been out to mission to brief them?

Yes, indirectly.

**Presentation**

Chris Crumbly - presentation is attached

I. Connect Universities with Federal Government

II. Organizations of State Lt. Governor

III. National Meeting, July 24-27 in Wisconsin

IV. Moving to Huntsville in 2019

V. Supporting Legislators Space Camp

VI. Can Partner with Space Authority

A. Hosting Events

B. Innovation Workshop

C. Non-profit Partner

VII. Voice of the States to Federal Level

**Discussion**

None

**New Business**

Senator Livingston

I. 21,000 Large Objects

II. Lost List 10,000

III. Too Much for DOD to Continue Tracking to Protect Satellites

*A. Website*

*B. Check additional names on distribution list*

*C. When possible, say name for first or second for my secretary, who types up the minutes.*

*D. Thanks for responding to emails and making meeting planning easier.*

*E. Sign-in Sheet*

IV. Motion to promote and provide Huntsville be considered as location for resolution and support.

V. First - Mr. Cook

VI. Second - Rep. Sanderford

VII. Vote - Unanimous

**Discussion**

Specialized meeting

Senator Dial welcomed Mr. Frazier whose flight was delayed.

Space Force announced at President Trump’s Space meeting. Opportunity for it being centered in Huntsville. We should pass resolution to support Space Force and that we advocate Huntsville leadership role in Space Force.

Motion: First - Mr. Cook; Second - Dr. Barnhart

*Vote - Unanimous*

**Old Business**

None

**Next Meeting**

Tuesday, September 11, 2018 in Huntsville

Motion: First - Rep. Sanderford; Second - Mr. Roberts

*Vote - Unanimous*