



**Space Florida
Board of Directors Meeting**

June 1, 2017



DoubleTree by Hilton
101 S. Adams Street, Tallahassee, FL 32301
Board Meeting Room: Florida Room



June 1, 2017 2:00p.m. - 4:00p.m.

Call-in Number: 888-204-5987
Guest Code: 4503386 #

DoubleTree By Hilton
101 S Adams St, Tallahassee, FL 32301
Meeting Room: Florida Room

Agenda Items

Call to Order and Pledge of Allegiance	Bill Dymond
Roll Call	Emma Newsham
Welcome & Introductions	Bill Dymond
Public Comments	Bill Dymond
Committee Appointments	Bill Dymond

Business Before the Board

<p>1. Approval of Minutes</p> <ul style="list-style-type: none"> • February 1, 2017 • March 10, 2017 • May 1, 2017 	Bill Dymond
<p>2. Audit & Accountability Committee Reports</p> <ul style="list-style-type: none"> • Interim Financials 3/31/2017 	Denise Swanson
<p>3. Governance and Compensation Committee Reports</p> <ul style="list-style-type: none"> • 3 Year Review of Compensation and Performance Management Guidelines 	Howard Haug
<p>4. Contracts/Business Development/Projects Activities</p> <p>Spaceport Authority Management</p> <ul style="list-style-type: none"> • Spaceport Strategies, LLC • S.O. Witt & Associates, LLC <p>Florida Department of Transportation (FDOT) Space Industry Activities</p> <ul style="list-style-type: none"> • FY 18 Spaceport Master Plan Amendment • LC 46 Upgrades/Ivey's • NASA Orion AA-2 LC 46 Use Agreement • FDOT – Economic Development Transportation Fund • FDOT – Space Florida - Launch Complex 40 Improvements • Space Florida – SpaceX Launch Complex 40 Improvements <p>Shuttle Landing Facility (SLF) Procurement</p> <ul style="list-style-type: none"> • SLF Tower Aircraft Communication System Replacement • SLF Fueling <p>Aerospace Industry Growth Projects</p> <ul style="list-style-type: none"> • GKN Aerospace Florida • Matrix Composites • JOI Scientific <p>Space Industry Segment Related Institutes</p> <ul style="list-style-type: none"> • Cybersecurity Institute • Robotics Training Institute <p>Ratification of Prior Deal-Related Actions</p> <ul style="list-style-type: none"> • Firefly Systems • Made In Space <p>Lease Renewal</p> <ul style="list-style-type: none"> • United Launch Alliance Renewal 	Frank DiBello/ Howard Haug



June 1, 2017 2:00p.m. - 4:00p.m.

Agenda Items (cont'd)

President's Report	Frank DiBello
Near Term – Upcoming Events: <ul style="list-style-type: none"> • June 1, 2017 – Space X Falcon 9 Launch – CRS 11 • August 3, 2017 – ULA Atlas V Launch – TDRS M • August 21-22, 2017 – Space Florida Board Meeting – Fort Lauderdale, FL • August 31, 2017 – ULA Atlas V Launch – NROL-52 • October 11, 2017 – ULA Atlas V Launch – AEHF 4 • November 29-30, 2017 – Space Florida Board Meeting – Jacksonville, FL <p>*Launch dates and times are subject to change. Visit http://launches.wearegofl.com for updates.</p>	Frank DiBello
Closing Remarks / Adjournment	Bill Dymond



SPACE FLORIDA BOARD OF DIRECTORS

William T. Dymond, Jr., Chairman

President, CEO and Managing Partner
Lowndes, Drosdick, Doster, Kantor & Reed

Jay Beyrouti

President, Monicarla, Ltd.

Jesse Biter

President/CEO, Biter Enterprises, LLC.

Julius D. Davis

President and CEO, Voltair Engineers

Sonya Deen

Vice President of Government Relations, JM Family Enterprises, Inc.

Mori Hosseini

Chairman & CEO, ICI Homes

Belinda Keiser

Vice Chancellor, Keiser University

John Rood

Chairman, The Vestcor Companies, Inc.

Jason Steele

Director of Government Affairs, Smith and Associates

Andrew Weatherford

Partner, Weatherford Partners



SPACE FLORIDA BOARD OF DIRECTORS

AUDIT & ACCOUNTABILITY COMMITTEE

John Rood
Chairman
The Vestcor Companies, Inc.

Andrew Weatherford
Partner
Weatherford Partners

INVESTMENT COMMITTEE

Jay Beyrouiti
Presiden
Monicarla, Ltd.

Mori Hosseini
Chairman/CEO
ICI Homes

GOVERNANCE & COMPENSATION COMMITTEE

Jesse Biter
President/CEO
Biter Enterprises, LLC.

Belinda Keiser
Vice Chancellor
Keiser University

Julius Davis
President/CEO
Voltair Engineers

MARKETING COMMITTEE

Jesse Biter
President/CEO
Biter Enterprises, LLC.

Sonya Deen
Vice President of Government Relations
JM Family Enterprises, Inc.

Jason Steele
Director of Government Affairs
Smith and Associates

Minutes of a Regular Meeting of the Space Florida Board of Directors

A Regular meeting of the Space Florida Board of Directors was held February 1, 2017 at the Caribe Royale Hotel and Convention Center in Orlando.

Board Members Present:

William Dymond
Jesse Biter
Jay Beyrouiti
Julius Davis
Sonya Deen
Mori Hosseini
Belinda Keiser
Jason Steele
Andrew Weatherford

Space Florida Senior Management Present:

Frank DiBello
Howard Haug
Jim Kuzma
Denise Swanson

Agenda

- I. Call to Order and Pledge of Allegiance
- II. Roll Call
- III. Welcome & Introductions
- IV. Public Comments
- V. Committee Appointments
- VI. Business Before the Board
 1. Approval of Minutes
 - a. December 16, 2016
 2. Audit and Accountability Committee Reports
 - a. Interim Financials 12/31/16
 3. Contracts/Business Development/Project Activities
 - a. Shuttle Landing Facility FAA Licensing
 - b. 2016 Cape Canaveral Spaceport Master Plan
 - c. Airbus OneWeb Satellites Financing Agreement
- VII. President's Report
- VIII. Upcoming Events
- IX. Closing Remarks and Adjournment

A quorum being present, the meeting was called to order at 2:30 p.m. (EST.)

Chairman Bill Dymond called the meeting to order at 2:30 p.m. welcomed Board members and guests. Bill Dymond welcomed and recognized guests, congratulated Frank on the honor of Floridian of Year from *Florida Trend*. There was a moment of silence in honor of the Apollo 1, Challenger and Columbia anniversaries.

There were no Public Comments

Committee Appointments

Jesse Biter, Sonya Deen and Jason Steele, with Space Florida Staff Support from Frank DiBello and Bernie McShea, were appointed to the Marketing Committee.

Andrew Weatherford and John Rood, with Space Florida Staff Support from Denise Swanson and Howard Haug, were appointment to the Audit and Accountability Committee.

Jay Beyrouiti and Mori Hosseini, with Space Florida Staff Support from Howard Haug and Denise Swanson, were appointed to the Investment Committee.

Belinda Keiser, Jesse Biter and Julius Davis, with Space Florida Staff Support from Howard Haug and Denise Swanson, were appointed to the Governance and Compensation Committee.

Business Before the Board

Approval of Minutes

Jay Beyrouiti made a motion to approve the minutes of the December 16, 2016 Board of Directors meeting, which was seconded by Julius Davis, and approved unanimously.

Audit and Accountability Committee Reports

Denise Swanson presented the following:

Space Florida Management recommended that the Board approve the issuance of Space Florida's quarterly financial statements for the period ended December 31, 2016.

Jason Steele made a motion to approve the issuance of Space Florida's quarterly financial statements for the period ended December 31, 2016, which was seconded by Jesse Biter, and approved unanimously.

Contracts/Business Development/Project Activities

Howard Haug presented the following action items for Board approval:

Shuttle Landing Facility FAA Licensing

Space Florida requested Board approval for management to complete negotiations and enter into agreement with AECOM, BRPH and RS&H for consultant services for SLF FAA Launch and Reentry Site Operator Licensing application preparation support, environmental assessment and other studies including permitting and services associated with the licensing and development of the SLF in an amount of up to \$573,321.

There was discussion and clarification from the Board.

Belinda Keiser made a motion to approve Space Florida to complete negotiations and enter into agreement with AECOM, BRPH and RS&H for consultant services for SLF FAA Launch and Reentry Site Operator Licenses as described in an amount of up to \$573,321, which was seconded by Jay Beyrouiti, and approved unanimously.

2017 Cape Canaveral Spaceport Master Plan

Space Florida requested Board approval to amend the 2013 Space Florida Cape Canaveral Complex Spaceport Master Plan with the 2017 Amendment. Mr. Haug noted there was an inadvertent error referencing the plan to be 2016 in the advanced board materials which should have been identified as the 2017 Cape Canaveral Spaceport Master Plan.

Frank DiBello noted that this is part of an annual process. There was further discussion from the board.

Jesse Biter made a motion to approve Space Florida to amend the 2013 Space Florida Cape Canaveral Complex Spaceport Master Plan with the 2017 Amendment, which was seconded by Jay Beyrouiti, and approved unanimously.

Airbus OneWeb Satellites Financing Agreement

Julius Davis orally disclosed a potential conflict regarding this agenda item and abstained from the voting. A copy of Mr. Davis's Commission on Ethics Form 8A is included as an attachment to these minutes.

Space Florida requested Board approval for management to modify the Advance Funding Trust Agreement up to \$42,500,000 to be funded by Airbus OneWeb Satellite members and to be terminated at the earlier of 180 days or the date of receipt by Space Florida of the proceeds from the permanent financing.

There was discussion and clarification from the Board.

Sonya Deen made a motion to approve Space Florida to modify the Advance Funding Trust Agreement up to \$42,500,000 to be funded by Airbus OneWeb Satellite members and to be terminated at the earlier of 180 days or the date of receipt by Space Florida of the proceeds from the permanent financing, which was seconded by Belinda Keiser, and approved unanimously by the voting members.

President's Report

Frank DiBello shared his President's Report, discussing current and future business developments, the transition team, the space industry outlook for 2017, as well as provided updates on Blue Origin and OneWeb Satellite projects.

Paradise Advertising gave a presentation on space tourism marketing.

FedEx Corporate Services gave a presentation and announced that it would be the preferred provider for logistics services at the SLF.

Closing Remarks & Adjournment

Bill Dymond thanked the Board for their discussion and involvement.

Bill Dymond adjourned the meeting at 4:07 p.m. (EST).

William Dymond, Jr., Chair

BOARD OF DIRECTORS MEETING

February 1, 2017

I, Frank DiBello, the undersigned President of Space Florida, do certify and declare that the attached is an accurate copy of the Minutes as approved by the Board of Directors of Space Florida in accordance with the Space Florida Governance Policies, and recorded in the minutes of the meeting of the Board of Directors held on February 1, 2017, and not subsequently amended or modified.

Frank A. DiBello, President

FORM 8A MEMORANDUM OF VOTING CONFLICT FOR STATE OFFICERS

LAST NAME—FIRST NAME—MIDDLE NAME Davis Julius Darren	NAME OF BOARD, COUNCIL, COMMISSION, AUTHORITY, OR COMMITTEE Space Florida
MAILING ADDRESS 220 West 7th Avenue, Suite 210	NAME OF STATE AGENCY Space Florida
CITY COUNTY Tampa Hillsborough	MY POSITION IS: <input type="checkbox"/> ELECTIVE <input checked="" type="checkbox"/> APPOINTIVE
DATE ON WHICH VOTE OCCURRED February 1, 2017	

WHO MUST FILE FORM 8A

This form is for use by any person serving at the State level of government on an appointed or elected board, council, commission, authority, committee, or as a member of the Legislature. It applies to members of advisory and non-advisory bodies who are presented with a voting conflict of interest under Section 112.3143, Florida Statutes.

Your responsibilities under the law when faced with voting on a measure in which you have a conflict of interest will vary greatly depending on whether you hold an elective or appointive position. For this reason, please pay close attention to the instructions on this form before completing and filing the form.

INSTRUCTIONS FOR COMPLIANCE WITH SECTION 112.3143, FLORIDA STATUTES

ELECTED OFFICERS:

As a person holding elective state office, you may not vote on a matter that you know would inure to your special private gain or loss. However, you may vote on other matters, including measures that would inure to the special private gain or loss of a principal by whom you are retained (including the parent or subsidiary or sibling organization of a principal by which you are retained); to the special private gain or loss of a relative; or to the special private gain or loss of a business associate. If you vote on such a measure or if you abstain from voting on a measure that would affect you, you must make every reasonable effort to disclose the nature of your interest as a public record in a memorandum filed with the person responsible for recording the minutes of the meeting, who shall incorporate the memorandum in the minutes. If it is not possible for you to file a memorandum before the vote, the memorandum must be filed with the person responsible for recording the minutes of the meeting no later than 15 days after the vote.

For purposes of this law, a "relative" includes only your father, mother, son, daughter, husband, wife, brother, sister, father-in-law, mother-in-law, son-in-law, and daughter-in-law. A "business associate" means any person or entity engaged in or carrying on a business enterprise with you as a partner, joint venturer, coowner of property, or corporate shareholder (where the shares of the corporation are not listed on any national or regional stock exchange).

A member of the Legislature may satisfy the disclosure requirements of this section by filing a disclosure form created pursuant to the rules of the member's respective house if the member discloses the information required by this subsection, or by use of Form 8A.

* * * * *

APPOINTED OFFICERS:

As a person holding appointive state office, you are subject to the abstention and disclosure requirements stated above for Elected Officers. You also must disclose the nature of the conflict before voting or before making any attempt to influence the decision by oral or written communication, whether made by you or at your direction.

For purposes of this law, a "relative" includes only your father, mother, son, daughter, husband, wife, brother, sister, father-in-law, mother-in-law, son-in-law, and daughter-in-law. A "business associate" means any person or entity engaged in or carrying on a business enterprise with you as a partner, joint venturer, coowner of property, or corporate shareholder (where the shares of the corporation are not listed on any national or regional stock exchange).

IF YOU INTEND TO MAKE ANY ATTEMPT TO INFLUENCE THE DECISION PRIOR TO THE MEETING AT WHICH THE VOTE WILL BE TAKEN:

- You must complete and file this form (before making any attempt to influence the decision) with the person responsible for recording the minutes of the meeting, who will incorporate the form in the minutes.
- A copy of the form must be provided immediately to the other members of the agency.
- The form must be read publicly at the next meeting after the form is filed.

IF YOU MAKE NO ATTEMPT TO INFLUENCE THE DECISION EXCEPT BY DISCUSSION OR VOTE AT THE MEETING:

- You must disclose orally the nature of your conflict in the measure before participating.
- You must complete the form and file it within 15 days after the vote occurs with the person responsible for recording the minutes of the meeting, who must incorporate the form in the minutes. A copy of the form must be provided immediately to the other members of the agency, and the form must be read publicly at the next meeting after the form is filed.

DISCLOSURE OF STATE OFFICER'S INTEREST

I, Julius D. Davis, hereby disclose that on February 1, 20 17 :

(a) A measure came or will come before my agency which (check one or more)

- inured to my special private gain or loss;
- inured to the special gain or loss of my business associate, _____ ;
- inured to the special gain or loss of my relative, _____ ;
- inured to the special gain or loss of _____, by whom I am retained; or
- inured to the special gain or loss of _____, which is the parent, subsidiary, or sibling organization of a principal which has retained me.

(b) The measure before my agency and the nature of my conflicting interest in the measure is as follows:

VoltAir Consulting Engineers is contracted with a consultant that's contracted with a general contractor for the Spacecraft Intergration Facility. This project is partially funded by Airbus Oneweb Satellites (AOS) Financing Agreement contract. I am employed with VoltAir Consulting Engineers.

If disclosure of specific information would violate confidentiality or privilege pursuant to law or rules governing attorneys, a public officer, who is also an attorney, may comply with the disclosure requirements of this section by disclosing the nature of the interest in such a way as to provide the public with notice of the conflict.

February 1, 2017
Date Filed


Signature

NOTICE: UNDER PROVISIONS OF FLORIDA STATUTES §112.317, A FAILURE TO MAKE ANY REQUIRED DISCLOSURE CONSTITUTES GROUNDS FOR AND MAY BE PUNISHED BY ONE OR MORE OF THE FOLLOWING: IMPEACHMENT, REMOVAL OR SUSPENSION FROM OFFICE OR EMPLOYMENT, DEMOTION, REDUCTION IN SALARY, REPRIMAND, OR A CIVIL PENALTY NOT TO EXCEED \$10,000.

Minutes of a Regular Meeting of the Space Florida Board of Directors

A Regular meeting of the Space Florida Board of Directors was held March 10, 2017 via teleconference.

Board Members Present Via Phone:

William Dymond
Jesse Biter
Jay Beyrouiti
Sonya Deen
Mori Hosseini
Belinda Keiser
Jason Steele

Space Florida Senior Management Present Via Phone:

Frank DiBello
Howard Haug
Denise Swanson

Agenda

- I. Call to Order
- II. Roll Call
- III. Welcome & Introductions
- IV. Public Comments
- V. Business Before the Board
 1. Contracts/Business Development/Project Activities
 - a. Project Sabal (OneWeb Satellites) – SunTrust Loan Resolution & Sublease Agreement
- VI. Closing Remarks and Adjournment

A quorum being present, the meeting was called to order at 11:00 a.m. (EST.)

Chairman Bill Dymond called the meeting to order at 11:00 a.m. welcomed Board members and guests present via teleconference. Frank noted recent Space Florida achievements and industry news, including Blue Origin being a launch provider for OneWeb Satellites.

There were no Public Comments

Business Before the Board

Howard Haug presented the following action items for Board approval:

Project Sabal (OneWeb Satellites – SunTrust Loan Resolution

Space Florida requested the Board to approve the resolution regarding loan financing for OneWeb Satellites' Spacecraft Integration Facility at Exploration Park.

There was discussion from the Board.

Jason Steele made a motion for the Board to approve the resolution regarding loan financing for OneWeb Satellites' SpaceCraft Integration Facility at Exploration Park, which was seconded by Mori Hosseini, and approved unanimously.

Closing Remarks & Adjournment

Bill Dymond thanked the Board for their discussion and involvement.

Bill Dymond adjourned the meeting at 11:20 a.m. (EST)

William Dymond, Jr., Chair

BOARD OF DIRECTORS MEETING

March 10, 2017

I, Frank DiBello, the undersigned President of Space Florida, do certify and declare that the attached is an accurate copy of the Minutes as approved by the Board of Directors of Space Florida in accordance with the Space Florida Governance Policies, and recorded in the minutes of the meeting of the Board of Directors held on September 28, 2016, and not subsequently amended or modified.

Frank A. DiBello, President

Minutes of a Regular Meeting of the Space Florida Board of Directors

A Regular meeting of the Space Florida Board of Directors was held May 1, 2017 via teleconference.

Board Members Present Via Phone:

William Dymond
Jesse Biter
Jay Beyrouiti
Julius Davis
Sonya Deen
Mori Hosseini
Jason Steele
Andrew Weatherford

Space Florida Senior Management Present Via Phone:

Frank DiBello
Howard Haug
Jim Kuzma
Denise Swanson

Agenda

- I. Call to Order
- II. Roll Call
- III. Welcome & Introductions
- IV. Public Comments
- V. Business Before the Board
 1. Contracts/Business Development/Project Activities
 - a. Project Upgrade
 - b. Project Gondola
 - c. Project Zion
 - d. Shuttle Landing Facility (SLF) Operations
 - e. Shuttle Landing Facility (SLF) Runway Improvements
- VI. Closing Remarks and Adjournment

A quorum being present, the meeting was called to order at 2:00 a.m. (EST.)

Chairman Bill Dymond called the meeting to order at 2:00 p.m., and welcomed Board members and guests present via teleconference. Frank noted recent Space Florida achievements and industry news, including SpaceX first launch of the Falcon 9 rocket for the National Reconnaissance Office and We Are Go's Vacationauts campaign receiving local and regional Addy Awards.

There were no Public Comments

Business Before the Board

Howard Haug presented the following action items for Board approval:

Project Upgrade

Space Florida requested the Board to approve Space Florida management to enter a binding term sheet, to facilitate the parties to negotiate definitive agreements reflecting the terms to present to the board at the scheduled August 2017 Board of Directors meeting for approval and execution of the project.

There was discussion from the Board.

Andrew Weatherford made a motion to approve Space Florida management to enter a binding term sheet for facility, tooling and equipment conduit financing, which was seconded by Jay Beyrouiti, and approved unanimously.

Project Gondola

Space Florida requested the Board to approve Space Florida management to enter a binding term sheet, to facilitate the parties to negotiate definitive agreements reflecting the terms to present to the board at the scheduled June 2017 Board of Directors meeting for approval and execution of the project.

Mori Hosseini made a motion to approve Space Florida management to enter a binding term sheet for equipment conduit financing, which was seconded by Julius Davis, and approved unanimously.

Project Zion

Space Florida requested the Board to approve Space Florida management to enter a binding term sheet, to facilitate the parties to negotiate definitive agreements reflecting the terms to present to the board at the scheduled June 2017 Board of Directors meeting for approval and execution of the project.

Andrew Weatherford made a motion to approve Space Florida management to enter a binding term sheet for conduit financing of manufacturing tooling and equipment, which was seconded by Sonya Deen, and approved unanimously.

Shuttle Landing Facility (SLF) Operations

Space Florida requested the Board to approve Space Florida management to enter with NASA-KSC two agreements for operational use of the Shuttle Landing Facility.

There was discussion from the Board.

Sonya Deen made a motion to approve Space Florida management to enter with NASA-KSC two agreements for operational use of the Shuttle Landing Facility, which was seconded by Jesse Biter, and approved unanimously.

Shuttle Landing Facility (SLF) Runway Improvements

Space Florida requested the Board to approve Space Florida management to enter a SLF runway improvement agreement with NASA-KSC and to contract CSS-Dynamac to make the improvements within the estimated amount of \$104,000.

There was discussion from the Board.

Jason Steele made a motion to approve Space Florida management to enter a SLF runway improvement agreement with NASA-KSC and to contract CSS-Dynamac to make the improvements within the estimated amount of \$104,000, which was seconded by Andrew Weatherford, and approved unanimously.

Closing Remarks & Adjournment

Bill Dymond thanked the Board for their discussion and involvement.

Bill Dymond adjourned the meeting at 2:38 p.m. (EST)

William Dymond, Jr., Chair

BOARD OF DIRECTORS MEETING

May 1, 2017

I, Frank DiBello, the undersigned President of Space Florida, do certify and declare that the attached is an accurate copy of the Minutes as approved by the Board of Directors of Space Florida in accordance with the Space Florida Governance Policies, and recorded in the minutes of the meeting of the Board of Directors held on September 28, 2016, and not subsequently amended or modified.

Frank A. DiBello, President

Space Florida
Total Compiled Statement of Revenues and Expenses
The Period Ending March 31, 2017
Unaudited
In 000's

	Total budget	1st Qtr Actual	2nd Qtr Actual	3rd Qtr Actual	4th Qtr Actual	Committed	Total Actual and Commitments	Budget Remaining
Operations Revenues								
State Appropriated Revenue, Ops	\$ 10,000	\$ 2,500	\$ 2,500	\$2,500	\$ -	\$ 2,500	\$ 10,000	\$ -
Other Revenue	3,176	524	669	741	-	1,149	3,083	92
Total Operations Revenues	\$ 13,176	\$ 3,024	\$ 3,169	\$3,241	\$ -	\$ 3,649	\$ 13,083	\$ 92
Operations Expenses								
Salaries & Other Related Costs	\$ 5,241	\$ 1,246	\$ 1,114	\$1,095	\$ -	\$ 1,753	\$ 5,208	\$ 33
Contract & Subcontract Services	3,318	826	737	756	-	881	3,201	116
Operating, General & Administrative	1,141	232	167	246	-	314	959	182
Utilities & Maintenance	1,529	334	219	360	-	630	1,537	(8)
Business Recruitment/Investment	1,535	161	43	102	-	812	1,118	417
Travel & Entertainment	418	79	13	61	-	161	315	103
Total Operations Expenses, no depreciation	\$ 13,181	\$ 2,879	\$ 2,293	\$2,620	\$ -	\$ 4,552	\$ 12,337	\$ 844
Change in net assets due to Operations	\$ (5)	\$ 146	\$ 877	\$ 621	\$ -	\$ (903)	\$ 746	\$ (752)



Space Florida Board of Director Meeting
June 1, 2017
Contracts for Approval

1. **Spaceport Strategies, LLC:** Space Florida requests approval for management to negotiate and enter contract activities with Spaceport Strategies, LLC., to support Cape Canaveral Spaceport Planning and Development in the amount of up to One Hundred Thirty Thousand Five Hundred Sixty Dollars (\$130,560), plus travel, in conjunction with professional services associated with Spaceport Authority Management related activities.
2. **S.O. Witt Associates, LLC:** Space Florida requests approval for management to negotiate and enter contract activities with S.O. Witt Associates, LLC., to support Cape Canaveral Spaceport operations support in the amount of up to One Hundred Thirty-Six Thousand Dollars (\$136,000), in conjunction with professional services associated with Spaceport Authority Management related activities.
3. **FY 18 Spaceport Master Plan Amendment:** Space Florida requests approval to amend the 2017 Space Florida Cape Canaveral Spaceport Master Plan to include the updates identified as Attachment A attached to this Contracts for Approval document.
4. **Launch Complex 46 (LC-46) Upgrades/Ivey's Construction:** Space Florida requests approval to enter a One Million Dollar (\$1,000,000) agreement with the Florida Department of Transportation (FDOT) for LC-46 infrastructure improvements. The improvements at LC-46 are in support of the NASA AA-2 and anticipated future Minotaur missions which will include One Million Five Hundred Thousand Dollars (\$1,500,000) of NASA funded infrastructure. The infrastructure improvements will consist of infrastructure modernization, refurbishment, replacement of mechanical systems, lightning protection systems, and ancillary facility equipment.

Further, Ivey's Construction was previously selected under competitive solicitation to perform infrastructure upgrades and refurbishment at LC-46. Space Florida requests approval to enter agreement with Ivey's Construction in an amount of up to One Million Dollars (\$1,000,000) for the use of the FDOT funds for infrastructure improvements as described.

5. **NASA Orion AA-2 LC 46 Use Agreement:** Space Florida requests approval to negotiate and enter a Use Agreement with NASA for LC-46 and related facilities for the purposes of preparing for and conducting a NASA Orion AA-2 launch. The Use Agreement with NASA will include a reimbursement fee for all fees and costs incurred by Space Florida for use of the Premises and includes responsibilities by the parties for before, during and after launch activities.



- 6. Florida Department of Transportation/Economic Development Transportation Fund:** Space Florida requests approval to negotiate and enter an Economic Development Transportation Fund (EDTF) agreement in the amount of \$2,750,000 with the Florida Department of Transportation (FDOT). The funding is in support of Blue Origin and Cape Canaveral Spaceport related transportation needs for widening of roads, relocating overhead lines and access roads and includes a requirement for perpetual maintenance of the transportation improvements. This approval is for the source funding; Space Florida will request separate action in the future for contractor selection associated with the work to be performed.
- 7. Florida Department of Transportation (LC-40 Improvements):** Space Florida requests approval to negotiate and enter agreement with the Florida Department of Transportation (FDOT) in the amount of Five Million Dollars (\$5,000,000) in support of SpaceX Launch Complex 40 (LC-40) Phase 2 capacity infrastructure improvements. The FDOT funding agreement will fund fifty percent (50%) of the eligible costs incurred for LC-40 infrastructure improvements.
- 8. SpaceX (LC-40 Improvements):** Space Florida requests approval to negotiate and enter agreement with SpaceX for LC-40 Phase 2 capacity infrastructure improvements. The agreement will be a project match funding agreement in conjunction with Item #7 above in the amount of Five Million Dollars (\$5,000,000).
- 9. Shuttle Landing Facility (SLF) Tower Aircraft Communication System Replacement:** Space Florida requests approval to negotiate and enter agreement with the selected contractor for the solicitation associated with the procurement and installation of the air traffic control tower communications system at the Shuttle Landing Facility (SLF) in the amount of Two Hundred Twenty-Five Thousand Dollars (\$225,000).
- 10. Shuttle Landing Facility (SLF) Fueling:** Space Florida requests approval to negotiate and enter agreement with the selected contractor for the solicitation associated with the procurement of a temporary fuel supplier and the provision of temporary on-site fuel storage in conjunction with commercial fueling operations at the SLF. The agreement will be for one year in the amount of Two Hundred Fifty Thousand Dollars (\$250,000) with three one-year renewal options for the provision of two 5,000 gallon re-fueling vehicles and 100,000 gallons of fuel.
- 11. GKN Aerospace Florida:** Space Florida requests approval to negotiate and enter agreements with GKN Aerospace Florida and the selected lender in the amount of Twenty-Seven Million Two Hundred Thousand Dollars (\$27,200,000) for manufacturing tooling and equipment for an expected seven-year term. The transaction will be structured as a conduit debt financing transaction with the lender



and the company to include the hiring of One Hundred Seventy (170) full time equivalent positions and expense reimbursements.

- 12. Matrix Composites:** Space Florida requests approval to negotiate and enter agreements with Matrix Composites and the selected lender in the amount of Two Million Four Hundred Thousand Dollars (\$2,400,000) for manufacturing tooling and equipment for an expected four to five-year term. The transaction will be structured as a conduit debt financing transaction with the lender and the company to include the hiring of Eighty-Three (83) full time equivalent positions and expense reimbursements.
- 13. JOI Scientific:** Space Florida requests approval to negotiate and enter agreements with JOI Scientific for a One Million Dollar (\$1,000,000) Bridge Loan to facilitate the company's need to accelerate its staff build-up and equipment acquisition. The Bridge Loan will be structured as part of a Five Million Dollar (\$5,000,000) capital raise, with terms payable on defined milestones, or convertible at Space Florida's option. Interest will accrue at eight percent (8%) through the term of the Loan. Conversion, if selected would occur at a twenty percent (20%) discount from previous round pricing.
- 14. Cybersecurity Institute:** Space Florida requests approval to establish a Cybersecurity Institute with a focus of developing content and techniques to address cybersecurity issues that will materialize relative to space segments and respectively train workforce. Key metrics for the institute will include: Managing the agenda of space segment common cybersecurity issues to be addressed; developing a framing of curriculum material; talent base development and workforce flow; and securing of funding to ensure a going concern. Management intends to return to the board within the next several months to present the participants, the entity charter and form and the initial business plan.
- 15. Robotics Training Institute:** Space Florida requests approval to establish a Robotics Training Institute to train and educate students on the operation and use of robotics in the production of small satellites. The anticipated form of the institute is either a private foundation or a corporation for the development and management of an apprentice program. Space Florida would create the entity and recruit initial industry participants to select academic and training participants through a competitive process. Initial industry participants will provide funding and input to discipline creation and development, and trainers. Initial key metrics include development and framing of curriculum material, talent base development and workforce flow, and securing funding to ensure a going concern. Management intends to return to the board within the next several months to present the participants, the entity charter and form and the initial business plan.



- 16. Firefly Systems:** In conjunction with prior board approval previously referred to as Project Nightfall received on May 27, 2015 regarding a One Million Dollar (\$1,000,000) Convertible Note, Space Florida requests ratification of an assignment associated with the transaction. Space Florida requests ratification approval for assignment of the Firefly Systems Convertible Note from Space Florida to EOS Launcher in the amount of One Million Dollars (\$1,000,000).
- 17. Made in Space:** In conjunction with prior board approvals previously referred to as Project Ice received on January 29, 2016 and December 16, 2016, Space Florida requests ratification of the final terms associated with the One Million Dollar (\$1,000,000) Loan related to the company's advanced manufacturing technologies optic fiber equipment. Space Florida requests ratification approval for the final terms of a One Million Dollar (\$1,000,000) Loan Agreement that include mandatory early prepayment in the event ground and space based milestones are not met and a six-month cure period for milestone achievement or repayment of the entire outstanding loan principle with interest in the event of default. The interest rate is two percent (2%) with interest only payments through 2021 and twelve months of payment thereafter on the outstanding principle.
- 18. United Launch Alliance Sublease Renewal:** Space Florida requests approval to extend the United Launch Alliance Sublease Agreement at the Space Florida Camp Blanding Solid Rocket Motor Storage Facility. The renewal term is one three (3) year term with a base rent of Four Hundred Forty-Seven Thousand Six Hundred Sixty Dollars (\$447,660) which includes a two percent (2%) escalator. Use Permit fees, utilities, operations and maintenance costs and facility management expenses are reimbursed at cost.



Attachment A



Space Transportation Improvement Program 2017 Cape Canaveral Spaceport Master Plan

Revised Table 6.1 Recommended Projects		2017 CCSMP Amendment 1 (June 1, 2017)			(last updated 4/25/17)
STATE FISCAL YEAR	2011 - 2016	2017	2018-2022	2019-2023	2023
STRATEGIC OBJECTIVES	FDOT FUNDING ACTUAL (6 YEARS)	FDOT FUNDING ACTUAL (1 YEAR)	FDOT FUNDING PROGRAMMED (5 YEARS)	PLANNED FUNDING REQUIREMENTS (5 YEARS)	PROPOSED 5TH YEAR PLANNED FUNDING REQUIREMENTS (1 YEAR)
ADVANCE COMMERCIAL HEAVY LIFT CAPABILITY	\$5,000,000 LC 39A \$16,400,000 LC 36 \$700,000 CCS	\$5,000,000 LC 39A \$9,600,000 LC 36	\$34,000,000	\$497,800,000	\$50,000,000
SUPPORT COMMERCIAL CREW AND CARGO	\$5,000,000 LC 40 \$20,000,000 C3PF \$6,150,000 LC 41	-	Launch Complex Improvements and Commercial Crew/Cargo	Launch Complex Improvements and Commercial Crew/Cargo	Launch Complex Improvements and Commercial Crew/Cargo
PROCESSING & RANGE IMPROVEMENTS & NEW EMERGING SPACE SYSTEMS	\$10,000,000 Exploration Park \$9,000,000 OPF 1&2 \$1,850,000 LC 17/18	\$8,900,000 SPACECRAFT INTEGRATION FACILITY	\$33,600,000 PROCESSING & RANGE FACILITY IMPROVEMENTS	\$123,150,000 PROCESSING & RANGE FACILITY IMPROVEMENTS	\$12,000,000 PROCESSING & RANGE FACILITY IMPROVEMENTS*
EXPAND HORIZONTAL LAUNCH/LAND CAPABILITY	\$322,500 SLF ASSESSMENT	-	\$23,900,000 SLF/HORZ IMPROVEMENTS	\$165,925,352	\$17,000,000
INCREASE SPACE LAUNCH CAPACITY STATEWIDE	-	-	-	HORIZONTAL LAUNCH / LANDING FACILITIES	HORIZONTAL LAUNCH / LANDING FACILITIES
STATE OF FLORIDA COMMON USE SPACEPORT INFRASTRUCTURE	\$5,000,000 LC46	-	\$14,000,000 STATE OF FLORIDA COMMON USE SPACEPORT INFRASTRUCTURE**	\$235,800,000 STATE OF FLORIDA COMMON USE SPACEPORT INFRASTRUCTURE**	\$47,000,000 STATE OF FLORIDA COMMON USE SPACEPORT INFRASTRUCTURE**
TOTALS	\$79,422,500	\$23,500,000	\$105,500,000	\$1,022,675,352	\$126,000,000
ANNUAL AVERAGE (EXCLUDING MATCH)	\$13,237,083	\$23,500,000	\$21,100,000	\$102,267,535	\$126,000,000

* Assumes 50% match ** Assumes no match for State Common Use Infrastructure

**THE FLORIDA VENTURE FORUM AND SPACE FLORIDA
ANNOUNCE THE TOP WINNERS OF THE
2017 FLORIDA EARLY STAGE CAPITAL CONFERENCE
THE ACCELERATING INNOVATION CASH PRIZES TOTALING \$150,000 WERE AWARDED TO SITEZEUS,
AUXADYNE AND ADMIRAL**

ORLANDO, FL – May 19, 2017 – The Florida Venture Forum and Space Florida are pleased to announce the three top winners of the 10th Annual 2017 Florida Early Stage Capital Conference and Space Florida’s Accelerating Innovation prize, held at the Omni ChampionsGate in Orlando on May 19, 2017. A total of 22 Florida-based companies from across the state and a variety of industry sectors were selected to present before an audience of investors, deal professionals and entrepreneurs.

A panel of judges reviewed each selected company’s presentation and supporting materials. The top three cash prize winners were:

First Place \$75,000 - SiteZeus, Tampa (www.sitezeus.com) the new evolution in location intelligence, driven by exceptionally engineered big data systems and unparalleled data visualization technology.

Second Place \$50,000 - Auxadyne, Keystone Heights (www.auxadyne.com) has an exclusive licensing agreement with FSU for the design, manufacture and distribution of the first commercially available auxetic foam in a variety of medical device and protective equipment applications.

Third Place \$25,000 - Admiral, Gainesville (www.getadmiral.com) offers an advanced adblock analytics and automatic revenue recovery. They provide a multi-faceted platform that enables publishers to size and solve the unique adblock problem presented by their unique userbase.

The 22 presenting companies were selected from a statewide pool of more than 130 applicants by a committee of active Florida venture capitalists and other investors. Space Florida provided the Accelerating Innovation prize money totaling \$150,000. Past early stage presenters have attracted more than \$56.5 million in funding and investments.

“In its 10th year, the Early Stage Capital Conference has become a mainstay in the venture capital arena in Florida, and Space Florida is pleased to continue its involvement with the Florida Venture Forum’s efforts in promoting Florida-grown companies,” said Space Florida President and CEO Frank DiBello. “Congratulations to not only the winners of the Accelerating Innovation prize, but to all the presenting companies on a job well done.”

“The Forum’s Early Stage Capital Conference set a few important records in 2017: our largest-ever number of applicants, record overall attendance and the largest investor attendance in the event’s 10-year history,” said Kevin Burgoyne, President and CEO of the Florida Venture Forum. “We take these milestones as very positive indicators of an increasingly robust and well-rounded early stage ecosystem. We congratulate our winning companies, and thank Space Florida for their strong support.”

In conjunction with the 2017 Early Stage Capital Conference, The Florida Venture Forum is pleased to announce the three winners of the 7th Annual 2017 Statewide Collegiate Business Plan Competition, held at Omni ChampionsGate in Orlando on May 19, 2017. A total of 13 universities from a cross section of Florida brought their top students to compete for best in the state. The top three winners were:

Winner: Sensatek Propulsion Technologies, Reamonn Soto - Embry-Riddle University

First Runner Up: Logentix LLC, Randy Lopez - Florida Polytechnic University

Second Runner Up: Spared, Ryan Lockwood - University of Tampa

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First Place Winner SiteZeus with staff of Space Florida and Florida Venture Forum



Second Place Winner Auxadyne with staff of Space Florida and Florida Venture Forum

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About Space Florida: Space Florida was created to strengthen Florida's position as the global leader in aerospace research, investment, exploration and commerce. As Florida's aerospace and spaceport development authority, we are committed to attracting and expanding the next generation of space industry businesses. With its highly trained workforce, proven infrastructure and unparalleled record of achievement, Florida is the ideal location for aerospace businesses to thrive – and Space Florida is the perfect partner to help them succeed.

www.spaceflorida.gov.

About The Florida Venture Forum: The Florida Venture Forum is Florida's largest statewide support organization for investors and entrepreneurs, helping emerging Florida companies connect with sources of capital from across the country. The organization provides programs statewide throughout the year in addition to hosting the Florida Venture Capital Conference, the Statewide Collegiate Business Plan Competition and the Early Stage Capital Conference. www.flventure.org.

Space Florida Congratulates SpaceX on History-Making Launch & Landing

Mar 30, 2017

"Tonight, we congratulate SpaceX on yet another history-making launch and landing. SpaceX dared what many deemed impossible as they landed the first stage of its Falcon 9 in 2015. And today, from storied Launch Complex 39A, SpaceX reached another turning point in the aerospace industry, launching its reused first stage, deploying the SES satellite payload and successfully landing the booster. And just as with America's first lunar landing or the orbit of the Friendship 7 astronauts, today's SpaceX milestone will be remembered for generations to come.

Space Florida looks forward to the continued success of Elon Musk and the SpaceX team as Florida's space industry grows in new and innovative ways."

Statement from Space Florida President Frank DiBello Regarding President Trump's Signing of the NASA Transition Authorization Act

Mar 22, 2017

"With the President's signature on the NASA Transition Authorization Act of 2017, Space Florida congratulates and expresses its gratitude to the White House and the bipartisan Congress, for their effort in ensuring the continuation of our nation's extraordinary legacy of space exploration, and further enabling a new era in commercial space" said Frank DiBello, Space Florida President and CEO.

“The Authorization Act, coupled with the President’s proposed \$19.1 billion budget announced last week, provide a solid framework for the continued progress of both NASA and the private space sector as they continue to develop space as America’s 21st Century Frontier. This legislation also assists securing Florida as a key player in future efforts and successes of our aerospace industry in this 21st Century Frontier.”

Space Florida Congratulates Blue Origin on New Glenn Endeavors and Customers

Mar 07, 2017

“In the commercial marketplace, technical achievement is only truly validated with customers,” said Frank DiBello, Space Florida President and CEO. “Today, the marketplace expressed its confidence in Blue Origin and Florida is proud to be partnered with Blue Origin in enabling that confidence. We all look forward to a new era of successful commercial endeavors for Blue Origin in commercial spaceflight. Congratulations to Jeff Bezos and the Blue Origin team!”

Aerojet Rocketdyne Coleman Aerospace Opens New Facility on Cape Canaveral

Feb 24, 2017

Sacramento, Calif., Feb. 24, 2017 – Aerojet Rocketdyne, Inc., a subsidiary of Aerojet Rocketdyne Holdings, Inc. (NYSE: AJRD), announced that Coleman Aerospace today unveiled its new Space Coast Integration & Test Facility at Cape Canaveral Air Force Station.

Aerojet Rocketdyne Coleman Aerospace, Inc. consummated its previously announced acquisition of Coleman Aerospace from L3 Technologies, Inc. earlier today.

“With the opening of this innovative facility, we are building on our expertise as a premier launch vehicle provider for missile defense testing,” said Dan Kelly, who will serve as interim general manager of Aerojet Rocketdyne Coleman Aerospace.

“We are excited to officially establish our Space Coast presence today, marking the culmination of years of collaboration that brought this facility and its needed capabilities to fruition,” said Aerojet Rocketdyne CEO and President Eileen Drake. “We look forward to working with Space Florida and the Air Force Space Command’s 45th Space Wing in this new facility.”

The new facility’s Cape Canaveral Air Force Station location was previously used by the U.S. Air Force for rocket processing. The Air Force Space Command’s 45th Space Wing made the facility available to Space Florida to sublease to a company that would bring new work onto Cape Canaveral and create jobs. Coleman Aerospace worked with Space Florida to refurbish the facility so it could be used once again for production. Key attendees at today’s ribbon cutting ceremony included Mr. Stan Thomas (Missile Defense Agency); Colonel Matthew

Wallace (U.S. Air Force Space Command's 45th Space Wing); Mr. Jim Kuzma (Space Florida); representatives from the offices of Senator Bill Nelson; Congressman Bill Posey; Congressman Ted Yoho and Senator Dorothy Hukill, and other dignitaries.

Coleman Aerospace, based in Orlando, Florida, provides ballistic missile rockets and launch services for the Missile Defense Agency, as well as engineering and analytical services for other government agencies. Coleman Aerospace has been launching rockets since 1995 with 29 successful flights in 22 years. The first successful air launch of a missile target was accomplished in 1999 using a C-130, but has since adapted the capability to the newer and larger C-17.

Aerojet Rocketdyne is an innovative company delivering solutions that create value for its customers in the aerospace and defense markets. The company is a world-recognized aerospace and defense leader that provides propulsion and energetics to the space, missile defense and strategic systems, tactical systems and armaments areas, in support of domestic and international markets. Additional information about Aerojet Rocketdyne can be obtained by visiting our websites at www.Rocket.com and www.AerojetRocketdyne.com.

OneWeb Satellites breaks ground on the world's first state-of-the-art high-volume satellite manufacturing facility

March 16, 2017 09:41 AM Eastern Daylight Time

EXPLORATION PARK, Fla.--([BUSINESS WIRE](#))--[OneWeb Satellites LLC](#) is breaking ground at 2 p.m. ET today to mark the beginning of construction on its estimated \$85 million high-volume satellite manufacturing factory in Exploration Park, Florida.

During a ceremony with Florida Governor Rick Scott, OneWeb Satellites CEO Brian Holz and Airbus Defense and Space Inc., President Mike Cosentino, it will be announced that the factory near NASA's Kennedy Space Center is set to begin its full series, autonomous assembly line production, integration and satellite testing later this year. OneWeb Satellites is a joint venture between [OneWeb](#), a satellite-based internet provider, and [Airbus](#), the world's second largest space company, with its first order to include the production of 900 communications satellites for OneWeb's low Earth orbit constellation.

"This facility is a pivotal step toward our mission to build a new global knowledge infrastructure, accessible to everyone," said OneWeb founder and Executive Chairman [Greg Wyler](#). "Over the past year, and thanks to the energizing support of our partners, we've greatly accelerated our technical progress. With this facility, we will be able to continuously iterate on the design of our satellites, launch new satellites within hours of completion and create significant opportunity in the U.S."

The high-volume satellite factory is being built in partnership with the state of Florida and [Space Florida](#). The initiative is anticipated to create nearly 250 direct, highly skilled manufacturing and engineering jobs, as well as thousands more throughout a broad supplier base across the nation that will support production. It will bring

further growth and development to the world's leading space industry in Florida and continue to draw suppliers and subcontractors to the area.

"This new American-built manufacturing facility is the latest example of Airbus' commitment to expanding our manufacturing footprint in the U.S.," said [Allan McArtor](#), Chairman of Airbus Americas. "We already build civil and military helicopters in Texas and Mississippi, as well as commercial aircraft in Alabama. So, building satellites in Florida with our partner OneWeb continues the Airbus trend of growing U.S.-based manufacturing and jobs and staying close to our American supply chain, within which we invest \$17 billion annually."

The first 900 production satellites will weigh only 150 kg, and will have better performance than much larger, more costly communications satellites today. The satellites will be used primarily by OneWeb for its global internet services, but the new low-cost, ultra-high performance satellites will be available for other commercial satellite operators and government customers globally as early as 2018. The satellites are designed with modularity in mind and are well-suited for multiple mission configurations. By using aircraft manufacturing technologies from Airbus, up to three satellites per day can be produced at the new factory on short schedules, at significant cost savings and without affecting the high levels of quality and technology.

"This factory will usher in a new era of innovation for satellite design and manufacturing that will enable us to lower overall program costs and shorten acquisition timelines for our customers to less than a year," said Holz. "These advancements will allow our customers to get to market and create value much faster than today."

The factory will include state-of-the-art automation, test equipment and data acquisition capabilities to shorten assembly times and provide a means to analyze factory performance and process improvements. Local contractors in Florida will support the project, and additional capability is expected to move into the region. This will be the first satellite manufacturing facility in Florida and the first in the U.S. located in close proximity to a launch site.

"Today's groundbreaking for OneWeb Satellites' new manufacturing facility here at Exploration Park is yet another milestone in the not-so-distant future of the commercial space industry at the Cape Canaveral Spaceport," said [Frank DiBello](#), president and CEO of Space Florida. "It is remarkable that the state of Florida will be home to OneWeb Satellites' first-of-its-kind manufacturing capability. Space Florida looks forward to watching OneWeb Satellites' facility change the landscape of aerospace manufacturing and welcomes the company to Exploration Park."