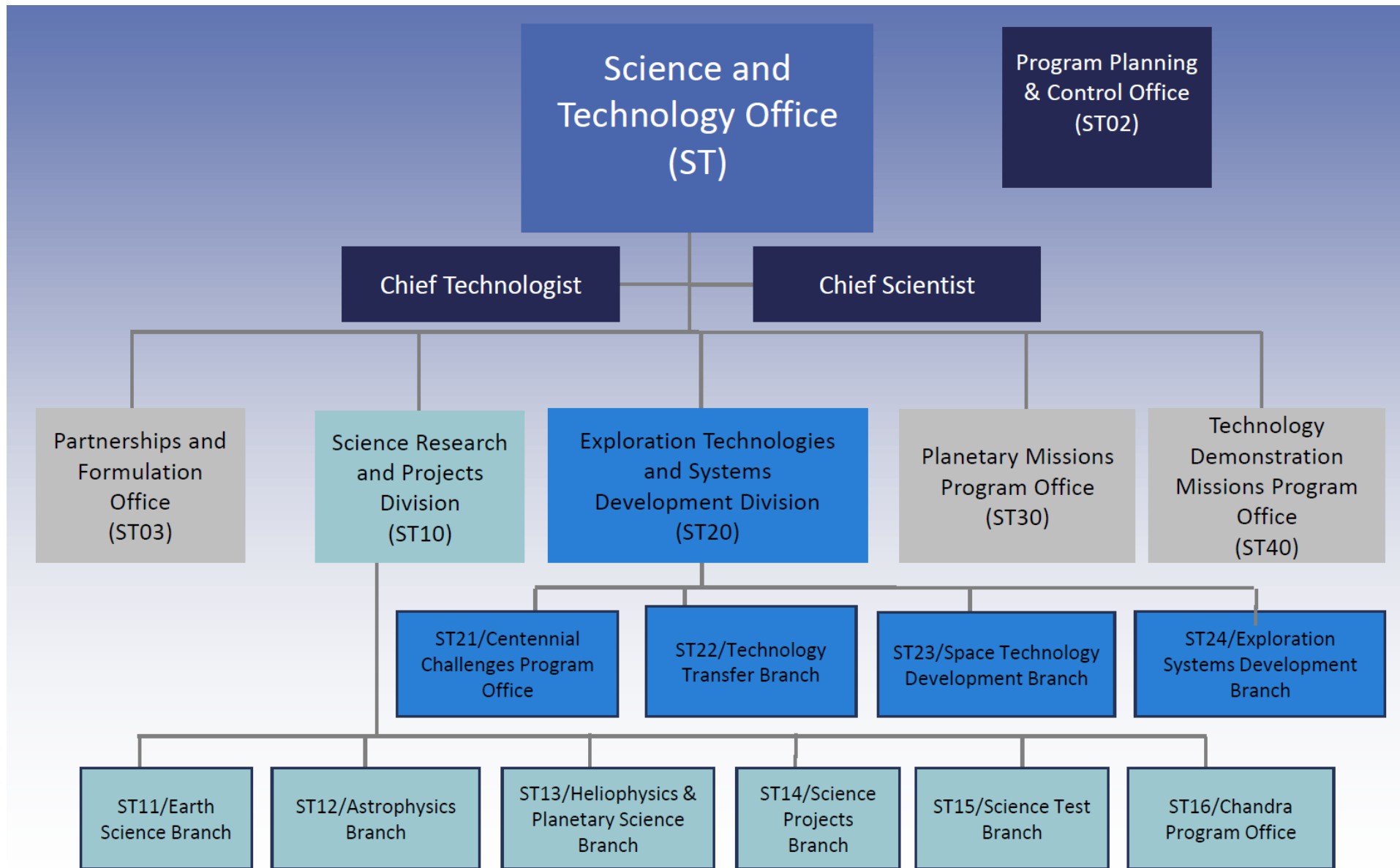
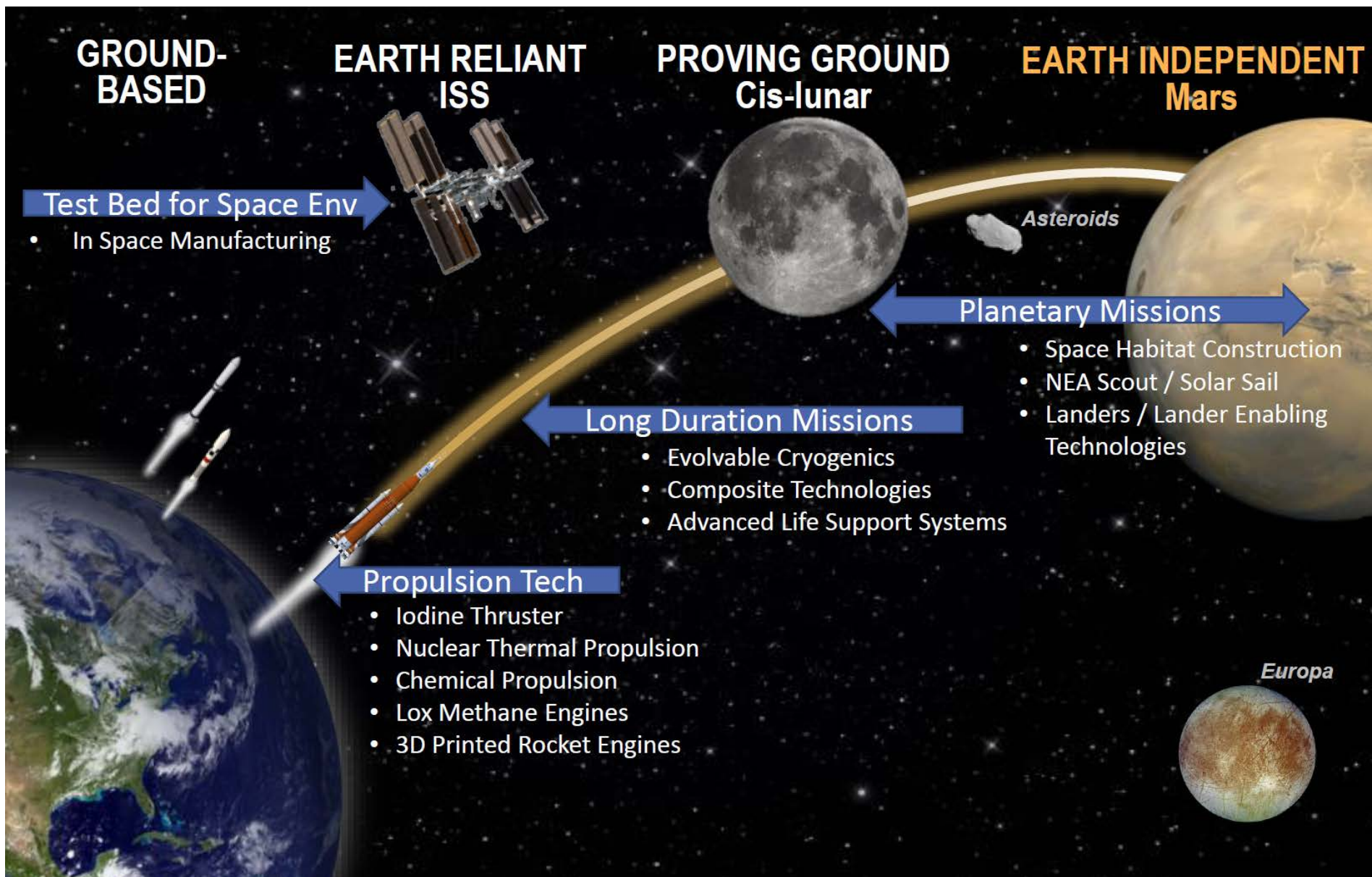




STOffice Overview

Chip Jones
Partnerships & Formulation Office
December 8, 2020





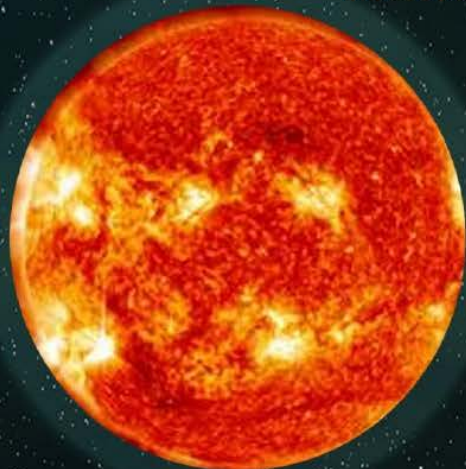


Unveiling the Mysteries of the Universe

Astrophysics

Exploring the Sun and Its Effects on Our Solar System

Heliophysics



EARTH

Studying the Earth for the Benefit of Mankind



Planetary

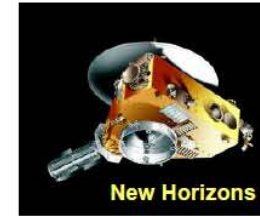
Making New Discoveries of Our Moons and Planets





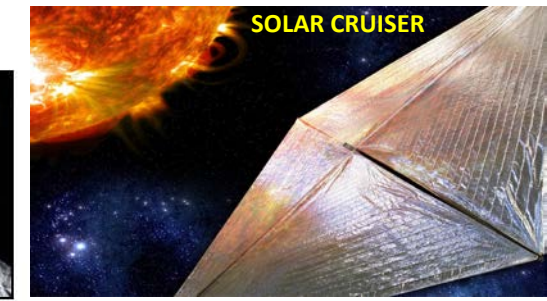
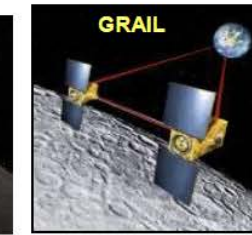
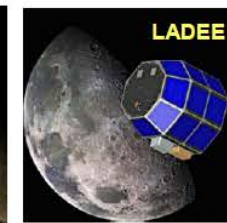
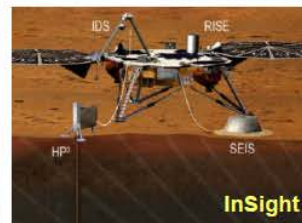
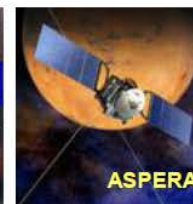
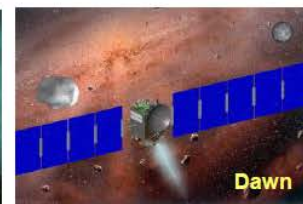
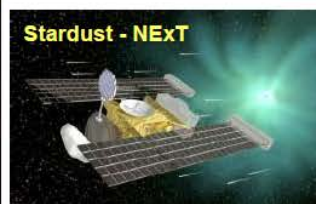
New Frontiers Office

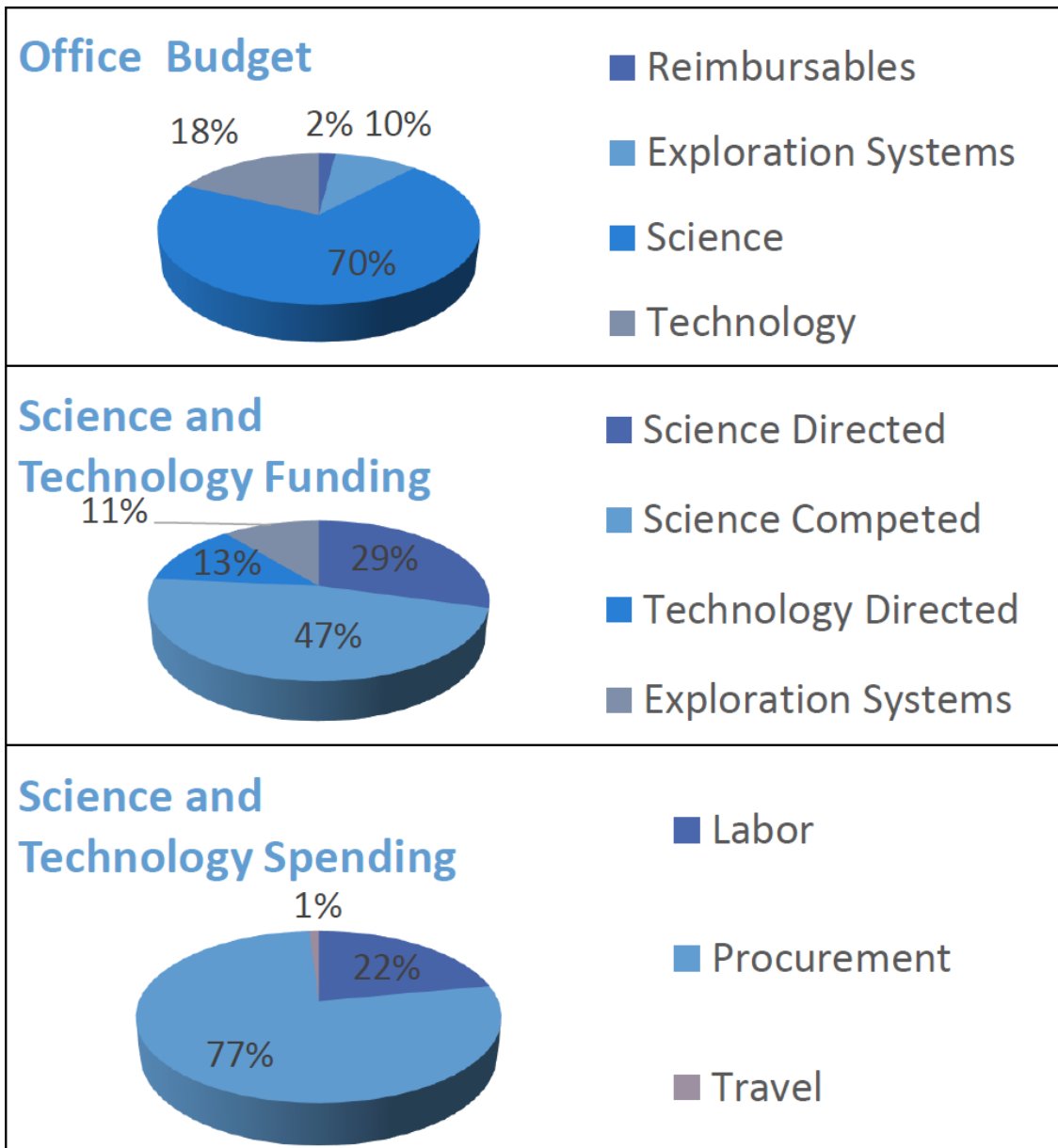
\$1 billion robotic solar-system explorers



Discovery Program Office

Less than \$425M Planetary Missions





Much of our budget comes from NASA's Science Mission Directorate (SMD) and Space Technology Mission Directorate (STMD) and Human Exploration and Operations Mission Directorate (HEOMD).

Much of our Science budget is competed, while all of our technology work is directed.

A large part of our science and technology budget is spent on procurement.



Partnerships and Formulation Office Overview



Partnerships

- NASA has a statutory mandate (in accordance with 51 U.S.C. §50116(a)) to “execute a commercial technology transfer program with the goal of facilitating the exchange of services, products, and intellectual property between the Administration and the private sector.”
- NASA routinely makes its unique capabilities available to the private sector
 - Commercial Companies
 - Universities
 - Non-Profit Organizations
 - Other Government Agencies
- Partnership Agreements or “Space Act Agreements”

Formulation

- Document and Provide Status on Emerging Opportunities
- New Programs/Projects for MSFC
- Some Examples
 - Additive Manufacturing
 - Lunar Operations and Habitats
 - Environmental Control and Life Support Systems
 - Cryogenic Fluid Management



Space Act Agreement Summary



SAA Metrics Summary as of 10/31/20

SAA	August	September	October
Active	322	315	317
Requested	6	6	4
In-Progress	10	11	13
Signed	6	9	13
Expired	14	19	11

SAA	2017	2018	2019	2020
Active (Avg)	355	352	330	334
Requested	60	52	66	56
In-Progress	226	103	81	108
Signed	140	97	117	79
Expired	121	156	105	125

Top Partners in the last year

Company/Agency	Negotiated Value
U.S. Air Force Space Command	\$25M
Blue Origin	\$10.3M
Defense Logistics Agency	\$4.9M
U.S. Coast Guard (MAF)	\$3.6M
U.S. Air Force (other)	\$1.8M

Notable SAA Activities



New Agreements >\$100K (last 30 days)

Company/Agency	Negotiated Value
U.S. Coast Guard (MAF)	\$3.6M
Blue Origin	\$400K
Air Force Research Lab	\$175K





Rocket
Technology
Stops Shaking
in its Tracks



“One small device, less than 100 pounds can knock out the resonant response of a 650,000-pound vehicle. What else can we do?”

- Rob Berry, Engineer, Marshall Space Flight Center



Small Business Technical Coordinators



- Coordinators are appointed by organizational management, concurred in by Center Director, and are strategically located within key organizations at MSFC. Coordinators work closely with the MSFC Small Business Office staff in promoting the goals and objectives of the NASA Small Business Programs across all MSFC organizations.
- Coordinators serve as a NASA/MSFC Small Business Program advocate by ensuring that Organizations are receptive to small business inquiries.
- Assess where and what opportunities are likely to occur within MSFC Organizations, and advise small business representatives accordingly.
- Participate along with the MSFC Small Business Office in the acquisition planning of new and follow-on requirements to ensure those small businesses receive, to the maximum extent possible, opportunities to participate.
- Participate in local small business Matchmaker/Outreach events, and in-house joint counseling sessions.
- Serve as advisors to the MSFC Small Business Executive Leadership Team and Marshall Prime Contractors Supplier Council.

ORGANIZATION	COORDINATOR	PHONE NO.:	E-MAIL ADDRESS
Advanced Concept	Vacant		
Human Exploration Development & Operations Office	HP10/Rajiv Doreswamy	256-544-7903	rajiv.doreswamy@nasa.gov
	HP22/Lamar Stacy	256-544-2220	lamar.stacy@nasa.gov
	HP30/Karen Stephens	256-544-3962	karen.l.stephens@nasa.gov
Materials & Processes Laboratory	EM01/DeWitt Burns	256-544-2529	dewitt.burns@nasa.gov
Michoud Assembly Facility	SF01/Roslin Hicks	256-544-7795	roslin.k.hicks@nasa.gov
Office of Center Operations	AS02/Melvin Scruggs	256-544-3994	melvin.l.scruggs@nasa.gov
	AS02/Mary Poe	256-544-8220	mary.l.poe@nasa.gov
Office of Human Capital	HS02/Irma Burden	256-544-3501	irma.c.burden@nasa.gov
Office of Strategic Analysis & Communications	CS30/Kimberly Keith	256-544-4776	kimberly.l.keith@nasa.gov
Office of the Chief Financial Officer	RS30/Beth Ewing	256-544-0351	beth.w.ewing@nasa.gov
Office of the Chief Information Officer	IS02/Kathy Rice	256-544-2647	kathy.y.rice@nasa.gov
Propulsion Systems Department	ER01/James Cannon	256-544-7072	james.l.cannon@nasa.gov
Safety & Mission Assurance Directorate	QD11/Paul Johnson	256-544-3793	paul.w.johnson@nasa.gov
Science and Technology Office	ST03/Chip Jones	256-544-2701	chip.jones@nasa.gov
Space Launch System Program Office	RS60/Angela Lovelady	256-544-5367	angela.f.lovelady@nasa.gov
Space Systems Department	ES01/Nadra Hatchett	256-544-4641	nadra.t.hatchett@nasa.gov
Spacecraft & Vehicle Systems Department	ED10/Alicia Carroll	256-544-4341	alicia.s.carroll@nasa.gov
Test Laboratory	RS30/Karen McTaggart	256-544-6499	karen.c.mctaggart@nasa.gov

