



DEPARTMENT OF DEFENSE
UNITED STATES SPACE COMMAND

10 May 2024

USSPACECOM/JA/J006
Office of the Staff Judge Advocate
150 Vandenberg Street
Peterson SFB CO 80914

Mr. John Greenewald, Jr.
The Black Vault
27305 W. Live Oak Road, Suite 1203
Castaic CA 91384

Dear Mr. Greenewald

This letter is in response to your 26 April 2021 Freedom of Information Act (FOIA) request originally submitted to Patrick Space Force Base and later referred to United States Strategic Command (USSTRATCOM). You asked for a copy of records pertaining to the Friday, April 23, 2021, launch of SpaceX Falcon 9, and a reported near miss with an unknown object during the launch. USSTRATCOM assigned the request Case number 21-089 and referred the responsive records to United States Space Command (USSPACECOM) for processing. We assigned case number assigned 22-F-006 to your request. Please reference case number 22-F-006 in any related correspondence.

Rear Admiral William P. Pennington, USSPACECOM Chief of Staff and FOIA Initial Denial Authority, determined the responsive records are partially releasable. The authority for the applied exemptions can be found in the United States Code, Title 5, Section 552(b)(1), (b)(4), (b)(5), and (b)(6).

- One document contains information exempt from disclosure because it is currently and properly classified in accordance with Executive Order 13526, section 1.4(a).
- Another document contains proprietary information exempt from disclosure under FOIA exemption (b)(4).
- Pre-decisional communications pertaining to the 26 April 2021 incident are exempt from disclosure under FOIA exemption (b)(5), after applying a foreseeable harm analysis. Several emails include draft versions of briefing slides. The final version of the Operational Review Board Report is fully releasable; however, we have withheld the draft versions to prevent confusion and to ensure the correct information is released. We also withheld information that would harm future decision-making processes.

- Identifying information of personnel who are not unit commanders and personnel below the rank of General/Flag Officer and Senior Executive Service is exempt from disclosure under FOIA Exemption (b)(6) because release of the exempt information could constitute a clearly unwarranted invasion of personal privacy.

There are no assessable fees for processing your request. If you have questions, please contact me at the above address or via email at donna.crump@usspacecom.mil. Should you wish to inquire about mediation services, you may contact the Office of the Secretary of Defense/Joint Staff FOIA Public Liaison, Toni Fuentes, at 571-372-0462 or by email at OSD.FOIALiaison@mail.mil, or the Office of Government Information Services (OGIS) at the National Archives and Records Administration. The contact information for OGIS is as follows:

Office of Government Information Services
National Archives and Records Administration
8601 Adelphi Road-OGIS
College Park MD 20740
Email: ogis@nara.gov
Telephone: 202-741-5770
Fax: 202-741-5769
Toll-free: 1-877-684-6448

You also have the right to appeal to the appellate authority, Ms. Joo Chung, Assistant to the Secretary of Defense for Privacy, Civil Liberties, and Transparency (PCLT). The contact information is as follows:

Office of the Secretary of Defense
ATTN: PCLFD, FOIA Appeals
4800 Mark Center Drive, Mailbox #24
Alexandria, VA 22350-1700.

Your appeal must be postmarked within 90 calendar days of the date of this response. Alternatively, you may email your appeal to osd.foia-appeal@mail.mil. If you use email, please include the words "FOIA Appeal" in the subject of the email, and reference FOIA case number 22-F-006 in your appeal correspondence.

Sincerely

DONNA A. CRUMP, DAFC
Command FOIA Manager

Attachments:
Responsive Records, Redacted

This document is made available through the declassification efforts
and research of John Greenewald, Jr., creator of:

The Black Vault



The Black Vault is the largest online Freedom of Information Act (FOIA) document clearinghouse in the world. The research efforts here are responsible for the declassification of hundreds of thousands of pages released by the U.S. Government & Military.

Discover the Truth at: <http://www.theblackvault.com>

(b) (6)

SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:15 PM
To: (b) (6) SPOC 18 SPCS/DOT
Subject: FW: Conjunction today

(b) (6)

For the FOIA request below.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)

DSN: (b) (6)

iPhone: (b) (6)

(b) (6) @spaceforce.mil

(b) (6) @mail.smil.mil



From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC

Sent: Friday, April 23, 2021 2:16 PM

To: (b) (6) @nasa.gov>

Cc: (b) (6) SPOC 18 SPCS/TD (b) (6) @spaceforce.mil>; (b) (6)

@nasa.gov>; (b) (6) @nasa.gov>

Subject: RE: Conjunction today

Sir,

Thank you for sending.

My cell is (b) (6). I've ordered an Operational Review Board to investigate the incident. I'm expecting initial findings on Mon, 26 Apr.

While I'm glad to discuss the incident with anyone from NASA, please let me know the requested grade for the conversation.

18 SPCS greatly appreciates our partnership with NASA and does not take this situation lightly.

Very Respectfully,

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: (b) (6) @nasa.gov>
Sent: Friday, April 23, 2021 1:56 PM
To: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC (b) (6) @spaceforce.mil>
Cc: (b) (6) SPOC 18 SPCS/TD (b) (6) @spaceforce.mil>; (b) (6) @nasa.gov>; (b) (6) @nasa.gov>
Subject: [Non-DoD Source] RE: Conjunction today

(b) (5)

From: (b) (6)
Sent: Friday, April 23, 2021 3:47 PM
To: (b) (6) @spaceforce.mil
Cc: (b) (6) SPOC 18 SPCS/TD (b) (6) @spaceforce.mil>; (b) (6) @nasa.gov>; (b) (6) @nasa.gov>
Subject: Conjunction today

Good afternoon, Lt Col Sorice:

I know you are working this situation today extremely hard, and have no doubt it'll get solved. I got a request (b) (5)

(b) (5)

(b) (5)

Thanks, and feel free to give me a call at my cell phone.

(b) (6)
Interagency Operations Liaison
Flight Operations Directorate, Johnson Space Center

Cell: (b) (6)

(b) (6)

SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:17 PM
To: (b) (6) SPOC 18 SPCS/DOT
Subject: FW: ~~FOUO~~ False Conjunction for Crew-2

(b) (6),

For the FOIA request.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, April 23, 2021 5:14 PM
To: BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>
Cc: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>; CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>
Subject: RE: ~~FOUO~~ False Conjunction for Crew-2

Maj Gen Burt, Ma'am –

Copy all and tracking.

(b) (5)

Ready to support further, Ma'am.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>
Sent: Friday, April 23, 2021 5:05 PM
To: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>
Cc: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>; SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC (b) (6) @spaceforce.mil>
Subject: RE: FOUO\False Conjunction for Crew-2

Smaller group.

(b) (5)
[Redacted]

[Redacted]

MG B

Sent with BlackBerry Work
(www.blackberry.com)

From: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>
Date: Friday, Apr 23, 2021, 3:20 PM
To: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>, WHITING, STEPHEN N Lt Gen USSF SPOC SpOC/CC (b) (6) @spaceforce.mil>, BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>
Cc: SCHIESS, DOUGLAS A Brig Gen USSF SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>, (b) (6) SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>, (b) (6) SPOC SpOC/S3/6W (b) (6) @spaceforce.mil>, (b) (6) SPOC CFSCC/CJ3/6 (b) (6) @spaceforce.mil>, DELAUTER, MONIQUE C Col USSF SPOC Delta 5 C2/CC (b) (6) @spaceforce.mil>, (b) (6) SPOC Delta 5 C2/DD (b) (6) @spaceforce.mil>, (b) (6) Delta 5 C2/COD (b) (6) @spaceforce.mil>, PURDY, STEPHEN G JR Brig Gen USAF AFSPC 45 SW/CC (b) (6) @spaceforce.mil>, SHOEMAKER, MARK A Col USSF SPOC 45 OG/CC (b) (6) @spaceforce.mil>
Subject: RE: FOUO\False Conjunction for Crew-2

Brig Gen Conley,

Sir, copy all. Additionally, I believe (b) (5)

R (b) (6)

MATTHEW S. CANTORE, Colonel, USSF
Commander, Space Delta 2 (SpOC)
Peterson AFB, CO

COMM (b) (6) | DSN (b) (6)
NIPR: (b) (6) @spaceforce.mil
SIPR: (b) (6) @mail.smil.mil
JWICS: (b) (6) @af.ic.gov

From: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>
Sent: Friday, April 23, 2021 2:55 PM
To: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>;
WHITING, STEPHEN N Lt Gen USSF SPOC SpOC/CC (b) (6) @spaceforce.mil>; BURT, DEANNA
M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>
Cc: SCHIESS, DOUGLAS A Brig Gen USSF SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>;
(b) (6) SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>; (b) (6)
(b) (6) SPOC SpOC/S3/6W (b) (6) @spaceforce.mil>; (b) (6) SPOC
CFSCC/CJ3/6 (b) (6) @spaceforce.mil>; DELAUTER, MONIQUE C Col USSF SPOC Delta 5 C2/CC
(b) (6) @spaceforce.mil>; (b) (6) SPOC Delta 5 C2/DD
(b) (6) @spaceforce.mil>; (b) (6) SPOC Delta 5 C2/COD
(b) (6) @spaceforce.mil>; PURDY, STEPHEN G JR Brig Gen USAF AFSPC 45 SW/CC
(b) (6) @spaceforce.mil>; SHOEMAKER, MARK A Col USSF SPOC 45 OG/CC
(b) (6) @spaceforce.mil>
Subject: RE: FOUO\False Conjunction for Crew-2

(b) (6)

Copy all. (b) (6) was just in my office and stepped me through this – I understand (b) (5)

Lt Gen Whiting, Maj Gen Burt,

(b) (5)

I'll pass an update once all loose ends are tied up.

Vr
Mike

From: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>
Sent: Friday, April 23, 2021 1:35 PM
To: WHITING, STEPHEN N Lt Gen USSF SPOC SpOC/CC (b) (6) @spaceforce.mil>; BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>; CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>
Cc: SCHIESS, DOUGLAS A Brig Gen USSF SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>; (b) (6) SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>; (b) (6) SPOC SpOC/S3/6W (b) (6) @spaceforce.mil>; (b) (6) SPOC CFSCC/CJ3/6 (b) (6) @spaceforce.mil>; DELAUTER, MONIQUE C Col USSF SPOC Delta 5 C2/CC (b) (6) @spaceforce.mil>; (b) (6) SPOC Delta 5 C2/DD (b) (6) @spaceforce.mil>; (b) (6) SPOC Delta 5 C2/COD (b) (6) @spaceforce.mil>; PURDY, STEPHEN G JR Brig Gen USAF AFSPC 45 SW/CC (b) (6) @spaceforce.mil>; SHOEMAKER, MARK A Col USSF SPOC 45 OG/CC (b) (6) @spaceforce.mil>
Subject: ~~FOUO~~ False Conjunction for Crew-2
Importance: High

This e-mail contains ~~FOR OFFICIAL USE ONLY (FOUO)~~

Lt Gen Whiting, Maj Gen Burt, and Brig Gen Conley,

Sir/Ma'am,

BL: A false close conjunction with the Crew Dragon was reported by 18 SPCS to NASA at the Johnson Space Center that resulted in NASA ordering the astronauts to suit up and take extra safety precautions. Media attention is likely. Crew Dragon-2 astronauts are safe.

DISCUSSION:

(b) (5)

Lt Col Sorice (18 SPCS/CC) is ordering an Operational Review Board (ORB) to investigate the incident, and we are working through the event. (b) (5)

(b) (5) Standing by for additional questions.

R/ (b) (6)

MATTHEW S. CANTORE, Colonel, USSF

Commander, Space Delta 2 (SpOC)
Peterson AFB, CO

COMM: (b) (6) | DSN: (b) (6)
NIPR: (b) (6) @spaceforce.mil
SIPR: (b) (6) @mail.smil.mil
JWICS: (b) (6) @af.ic.gov

(b) (6)

SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:18 PM
To: (b) (6) SPOC 18 SPCS/DOT
Subject: FW: 18 SPCS Immediate Corrective Actions

(b) (6)

For the FOIA request.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, April 23, 2021 4:42 PM
To: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>
Cc: (b) (6) SpOC CFSCC/CoS (b) (6) @spaceforce.mil>; CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>; (b) (6) AFSPC 21 OG/Space Delta (b) (6) @spaceforce.mil>; (b) (6) AFSPC 18 SPCS/DO (b) (6) @spaceforce.mil>
Subject: 18 SPCS Immediate Corrective Actions

Brig Gen Conley, Sir –

(b) (5)

(b) (5)

I've been in contact with NASA representatives and assured them how seriously 18 SPCS is taking this incident and working towards ensuring it never happens again.

Standing by for any questions, Sir.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)

DSN: (b) (6)

iPhone: (b) (6)

(b) (6) @spaceforce.mil

(b) (6) @mail.smil.mil



(b) (6)

SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:18 PM
To: (b) (6) SPOC 18 SPCS/DOT
Subject: FW: Crew Dragon-2 Conjunction

(b) (6)

For the FOIA request.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, April 23, 2021 3:09 PM
To: (b) (6) @nasa.gov; (b) (6) @nasa.gov
Cc: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil; (b) (6) AFSPC 21 OG/Space Delta (b) (6) @spaceforce.mil; (b) (6) @nasa.gov; (b) (6) AFSPC 18 SPCS/DO (b) (6) @spaceforce.mil; (b) (6) SPOC 18 SPCS/TD (b) (6) @spaceforce.mil
Subject: Crew Dragon-2 Conjunction

(b) (5)

[Redacted]

[Redacted]

I've ordered an Operational Review Board (ORB) to investigate the incident, and the team is working through the event. (b) (5)

18 SPCS is taking this event seriously. I have full confidence in the 18 SPCS team, and I truly appreciate our privileged relationship with NASA in supporting human spaceflight missions.

My cell is (b) (6). Please don't hesitate to contact me over the weekend if there are any questions, Sir.

Very Respectfully,

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)

DSN: (b) (6)

iPhone: (b) (6)

(b) (6) @spaceforce.mil

(b) (6) @mail.smil.mil



(b) (6)

SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:22 PM
To: (b) (6) SPOC 18 SPCS/DOT
Subject: FW: NASA

(b) (6)

For the FOIA request.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Monday, April 26, 2021 8:11 AM
To: (b) (6) SpOC CFSCC/CoS (b) (6) @spaceforce.mil>; CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>
Cc: (b) (6) USSPACECOM CFSCC/CJ3/6R (b) (6) @usspacecom.mil>
Subject: RE: NASA

Gentlemen,

BL: A false close conjunction with the Crew Dragon was reported by 18 SPCS to NASA (b) (5)

Discussion:

(b) (5)

(b) (5)

[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted] th.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>
Sent: Monday, April 26, 2021 7:30 AM
To: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC (b) (6) @spaceforce.mil>; CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>
Cc: (b) (6) SpOC CFSCC/CoS (b) (6) @spaceforce.mil>; (b) (6) USSPACECOM CFSCC/CJ3/6R (b) (6) @usspacecom.mil>
Subject: FW: NASA

Gents-

Need to skull with you prior to this call to get the latest. Working with (b) (6) to set up a telecom bridge so we can all discuss. I'm free for the next hour so working to get this scheduled. (b) (6) thanks for the leadership getting a bridge set up for us to discuss.

v/r
MG B

From: (b) (6) USSPACECOM USSPACECOM/CCE2 (b) (6) @usspacecom.mil>
Sent: Monday, April 26, 2021 7:24 AM
To: BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>; (b) (6) USSPACECOM USSPACECOM/CCE (b) (6) @usspacecom.mil>
Cc: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>; (b) (6)

SPOC 14 AF/CCE (b) (6) @spaceforce.mil>; (b) (6) USSPACECOM USSPACECOM/ADC
(b) (6) @usspacecom.mil>; (b) (6) USSPACECOM USSPACECOM/J0
(b) (6) @usspacecom.mil>
Subject: RE: NASA

Ma'am,

Just following up for everyone else in the chain. Tracking you will call D4 at 1000MT (0900PT). D4 may be running late, but we will adjust as needed.

Very Respectfully,

(b) (6)
Assistant Executive Officer to the Commander
United States Space Command (USSPACECOM)
Comm: (b) (6) | DSN: (b) (6)
Gov't Cell: (b) (6)
NIPR: (b) (6) @us.af.mil
SIPR: (b) (6) @mail.smil.mil
JWICS: (b) (6) @coe.ic.gov

From: BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>
Sent: Monday, April 26, 2021 8:20 AM
To: (b) (6) USSPACECOM USSPACECOM/CCE (b) (6) @usspacecom.mil>
Cc: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>; (b) (6)
SPOC 14 AF/CCE (b) (6) @spaceforce.mil>; (b) (6) USSPACECOM USSPACECOM/ADC
(b) (6) @usspacecom.mil>; (b) (6) USSPACECOM USSPACECOM/CCE2
(b) (6) @usspacecom.mil>; (b) (6) USSPACECOM USSPACECOM/J0
(b) (6) @usspacecom.mil>
Subject: RE: NASA

I am available and happy to discuss. (b) (5) Other than that totally open. (b) (5) (b) (5)

From: (b) (6) USSPACECOM USSPACECOM/CCE (b) (6) @usspacecom.mil>
Sent: Monday, April 26, 2021 6:52 AM
To: BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>
Cc: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>; (b) (6)
SPOC 14 AF/CCE (b) (6) @spaceforce.mil>; (b) (6) USSPACECOM USSPACECOM/ADC
(b) (6) @usspacecom.mil>; (b) (6) USSPACECOM USSPACECOM/CCE2
(b) (6) @usspacecom.mil>; (b) (6) USSPACECOM USSPACECOM/J0
(b) (6) @usspacecom.mil>
Subject: FW: NASA

Maj Gen Burt,

Good morning, ma'am. GEN Dickinson would like to talk with you about the false debris reported to NASA on Friday, before he calls the Administrator today. I'm tracking that you're traveling ... but would you be available to call after the CSG this morning, ~1000MT?

v/r,

(b) (6)

(b) (6)

Executive Officer to the Commander
US Space Command (USSPACECOM)
Peterson AFB, Colorado

NIPR: (b) (6) @us.af.mil

SIPR: (b) (6) @mail.smil.mil

JWICS: (b) (6) @coe.ic.gov

NMIS: (b) (6) @nro.ic.gov

Comm: (b) (6), DSN: (b) (6)

Gov't Cell: (b) (6)



From: DICKINSON, JAMES H GEN USA USSPACECOM USSPACECOM/CC (b) (6) @usspacecom.mil>

Date: Monday, Apr 26, 2021, 5:31 AM

To: (b) (6) USSPACECOM USSPACECOM/CCE (b) (6) @usspacecom.mil>

Cc: (b) (6) USSPACECOM USSPACECOM/ADC (b) (6) @usspacecom.mil>, (b) (6)

(b) (6) USSPACECOM USSPACECOM/CCE2 (b) (6) @usspacecom.mil>

Subject: NASA

(b) (6)

Schedule a phone call with the Acting NASA administrator...will need the update from CFSCC (DeAnna) before you do so (b) (6) stated (b) (5).

Thx. GEND

(b) (6)

SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:22 PM
To: (b) (6) SPOC 18 SPCS/DOT
Subject: FW: NASA Feedback Details

(b) (6)

For the FOIA request.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Monday, April 26, 2021 10:26 AM
To: BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>
Cc: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>; (b) (6) SpOC CFSCC/CoS (b) (6) @spaceforce.mil>; (b) (6) USSPACECOM CFSCC/DCoS (b) (6) @usspacecom.mil>
Subject: FW: NASA Feedback Details

Maj Gen Burt, Ma'am –

Below is a response to GEN Dickinson's question concerning (b) (5)

Ready to support further, Ma'am.

GEN Dickinson, Sir –

You asked (b) (5)

(b) (5)

Standing by for any questions, Sir.

Very Respectfully,
DeAnna

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

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From: BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>
Sent: Monday, April 26, 2021 9:51 AM
To: DICKINSON, JAMES H GEN USA USSPACECOM USSPACECOM/CC (b) (6) @usspacecom.mil>
Cc: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC (b) (6) @spaceforce.mil>; CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>; (b) (6) USSPACECOM CFSCC/DCoS (b) (6) @usspacecom.mil>; CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>; (b) (6) SpOC CFSCC/CoS (b) (6) @spaceforce.mil>; SHAW, JOHN E Lt Gen USSF USSPACECOM/DCOM (b) (6) @spaceforce.mil>; WHITING, STEPHEN N Lt Gen USSF SPOC SpOC/CC (b) (6) @spaceforce.mil>; SALTZMAN, BRADLEY C Lt Gen USSF HQSF U S AIR FORCE HQ/SF/S3/6/10 (b) (6) @spaceforce.mil>; HOLT, WILLIAM G II Maj Gen USAF USSPACECOM JFSCC/J3/7 (b) (6) @usspacecom.mil>; ZELLMANN, RICHARD L BG USSPACECOM JFSCC/J3 (b) (6) @usspacecom.mil>; MILLER, DAVID N JR Brig Gen USAF HAF SAF/OS (b) (6) @spaceforce.mil>
Subject: NASA Feedback Details

General Dickinson,

As a follow up to our telecom (b) (5)

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Standing by for your questions Sir.
Very Respectfully,
DeAnna

(b) (6)

SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:25 PM
To: (b) (6) SPOC 18 SPCS/DOT
Subject: FW: USSPACECOM ORB Slides (CAO 6 May)
Attachments: 18 SPCS ORB_USSPACECOM v4.pptx

(b) (6)

For the FOIA request.

V/R

(b) (6)

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Commander, 18th Space Control Squadron (USSF)

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From: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>
Sent: Thursday, May 6, 2021 4:15 PM
To: (b) (6) SPOC SpOC/S3/6W (b) (6) @spaceforce.mil>
Cc: (b) (6) SPOC SpOC/S3/6W (b) (6) @spaceforce.mil>; (b) (6) SPOC SpOC/S3/6WC (b) (6) @spaceforce.mil>; (b) (6) AFSPC 21 OG/Space Delta (b) (6) @spaceforce.mil>; SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC (b) (6) @spaceforce.mil>; (b) (6) SPOC Space Delta 2/CCE (b) (6) @spaceforce.mil>; (b) (6) SPOC Space Delta 2/TD (b) (6) @spaceforce.mil>
Subject: USSPACECOM ORB Slides (CAO 6 May)

(b) (6)

Attached are the updated 18 SPCS False Conjunction ORB slides for the USSPACECOM briefing on 12 May. The slides include the requested changes from Lt Gen Whiting:

(b) (5)

(b) (5)

The team is ready to support further. Standing by for any questions.

R(b) (6)

MATTHEW S. CANTORE, Colonel, USSF
Commander, Space Delta 2 (SpOC)
Peterson AFB, CO

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CUI

18th Space Control Squadron

Operations Review Board

Crew Dragon-2 False COLA Event



Lt Col Justin Sorice
18 SPCS/CC

The overall classification of this briefing is: CUI

“Talons Sharp...Fight’s On!”



CUI

Overview

- **BLUF**
- **Crew Experience Levels**
- **Timeline**
- **Additional Debrief Items**
- **Crew 2 Mission Successes**
- **Space Domain Ops Tempo**
- **Way Ahead**



CUI

BLUF

At 23/1709z 18 SPCS sent NASA Collision and Launch Avoidance (COLA) results indicating a potential close approach between the Crew 2 and an unknown object (85411). This was a false notification. The unknown object was an analyst satellite, built for launch detection processing. As a result, SpaceX directed Crew 2 astronauts to don their suits based on information from NASA Trajectory Operations Officer (TOPO) which was provided by 18 SPCS.

- **DFP: Why was the Active Mission Plan not reviewed by 18 SPCS crew during crew changeover?**
- **RC: A failure to properly update and brief changeover slides, perform crew changeover for all crew positions, and collectively communicate the mission plan resulted in a false conjunction report being sent to NASA.**
 - CF 1: All portions of crew changeover were not completed IAW OI 13-01; therefore, all crew positions were not tracking current operations status
 - CF 2: The OSA did not inform the Crew CC of the ongoing situation
 - CF 3: The OSA did not review last 96 hour crew log
 - CF 4: OSA failed to immediately contact NASA to inform them of the false conjunction
 - IF: 18 SPCS will revise OI 13-01, *Crew Operations*, to review ALL mission plans & highlight changes for effective & active crew force comms & w/external agencies during execution
 - **LL: When performing crew changeover, crews will ensure they comply with the updated OI 13-01, *Crew Operations*, specifically reviewing all active mission plans so that all crew members and external agencies are aware of current operations status.**



Crew Experience Levels

■ Midshift

■ Crew Commander:

- Certified Oct 2019 (*2.5 years experience*)
- Instructor / Tactician
- Crew 1 & 2 Mission Planner

■ Orbital Safety Analyst:

- Certified Mar 2020 (*13 months experience*)

■ Dayshift

■ Crew Commander:

- Certified Jun 2020 (*10 months experience*)

■ Orbital Safety Analyst:

- Certified Apr 2011 (*10 years experience*)

Experience wasn't a root cause



Timeline

<u>Date/Time (z)</u>	<u>Event</u>
21/0625	During Orbital Safety Analyst (OSA) Crew 2 COLA screening, the OSA noticed conjunction against two analysts satellites (85410 and 85411). OSA called previous Crew CC and asked if analysts were for upcoming Crew 2. Previous Crew CC confirmed.
23/0949	Crew 2 launch successful.
23/1051	Published ELSET 1 for Crew 2 based on successful FYL track.
23/1131	Crew 2 cataloged as 48209. Analyst satellites remained in the system to enable foreign partners to continue tracking (new tactic).
23/1330	Crew changeover complete. Off-going midshift Crew CC did not brief dayshift Crew CC on analysts, and only briefed 1 of 2 Orbital Analysts (OAs).
23/1350	Dayshift OSA arrives on shift and changeover accomplished. The dayshift OSA was not briefed on the analysts.
23/UNK	OSA needed amplifying info on 85411 from Crew CC & OA due to NASA inquiries requesting expedited analysis. OSA did not request any information from the on-duty Crew CC nor the on-duty OAs.
23/1355	Upon receipt of new vectors and ephemeris from NASA, OSA created new input file, which did not include 85410/85411 as part of exclusion list based on system design. The analysts were not reloaded to the secondary list because the OSA did not know they existed.
23/1709	Crew 2 COLA complete and screening results spreadsheet sent to NASA (1715z). Screening was run 3 times between 1709z and 1713z.
23/1724	SpaceX directs Crew 2 astronauts to don their suits based on information from NASA Trajectory Operations Officer (TOPO) which was provided by 18 SPCS.
23/UNK	OSA asked OA to task 85411. OA stated “No. That is the Crew 2 capsule.” Only 1 of 2 OAs were aware of the analysts.
23/1743	Time of closest approach passed without impact.
23/1744	OSA notifies NASA that object 85411 is 48209.



CUI

Timeline with “right”

<u>Date/Time (z)</u>	<u>Event</u>
21/0625	During Orbital Safety Analyst (OSA) Crew 2 COLA screening, OSA noticed conjunction against two analysts satellites (85410 and 85411). OSA called previous Previous Crew CC confirmed.
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All crews and NASA actively briefed on the mission plan NLT 1 week prior to execution to include unique procedures



CUI

Timeline with “right”

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23/1743	Time of closest approach passed without impact.
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A mission slide is added to changeover itemizing unique procedures with “why”

e tracking



CUI

Timeline with “right”

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21/0625	During Orbital Safety Analyst (OSA) Crew 2 COLA screening, the OSA noticed conjunction against two analysts satellites (85410 and 85411). OSA called previous Crew CC and asked if analysts were for upcoming Crew 2. Previous Crew CC confirmed.
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23/UNK	OSA needed amplifying info on 85411 from Crew CC & OAs. OSA inquiries requesting expedited analysis. OSA did not request any information from the on-duty OAs.
23/1355	Upon receipt of new vectors and ephemeris from NASA, OSA updates exclusion list based on system data for 85410/85411 as part of exclusion list based on system data because the OSA did not know they existed.
23/1709	Crew 2 COLA complete and screening results spreadsheets generated between 1709z and 1713z.
23/1724	SpaceX directs Crew 2 astronauts to don their suits before launch (TOPO) which was provided by 18 SPCS.
23/UNK	OSA asked OA to task 85411. OA stated “No. That is the Crew 2 capsule. Only 1 of 2 OAs were aware of the analysts.”
23/1743	Time of closest approach passed without impact.
23/1744	OSA notifies NASA that object 85411 is 48209.

All day shift crew members arrive on time and proper Crew Dragon mission status, to include the analysts, is briefed to all crew positions.

NASA wouldn't receive the false conjunction report.



~~CUI~~

Notional Crew 2 Changeover Slide

- Current status: Crew 2 ELSET 1 published at 23/1051ZAPR21 under 48209.

- Special Mission Notes:
 - 2x analyst satellites are still being used to support coalition tracking (85410 and 85411)

 - OSA: Ensure 85410 and 85411 are excluded from all conjunction screening results sent to NASA.



CUI

Additional Debrief Items

- **DFP: Why were ROC drills not performed with the crews or NASA concerning non-routine tactics/procedures?**
 - ***RC: A false conjunction with the Crew Dragon was reported by 18 SPCS to NASA due to failure to communicate during mission planning and failure to perform ROC drills prior to execution supporting the human spaceflight safety mission.***
 - CF 1: The mission plan was not previously shared with NASA for the DM-1 or Crew 1 launches
 - CF 2: ROC drill was not accomplished with NASA
 - CF 3: There was no ROC drill performed with the crews due to assumptions from previous execution
 - IF: The mission plan will be shared with NASA and ROC Drill will be performed prior to mission execution
 - ***LL: 18 SPCS will revise squadron OI 13-01, Crew Operations, to ensure effective and active communication of all mission plans across the crew force and with external agencies***
-



~~CUI~~

Additional Debrief Items

- ***DFP: Why were the Crew 2 screening results not thoroughly analyzed prior to NASA dissemination?***
 - ***RC: A false conjunction with the Crew Dragon was reported by 18 SPCS to NASA due to failure to analyze screening sufficiently***
 - CF 1: Current checklists do not require the OSAs to conduct analysis of the screening data before it is sent to NASA
 - CF 2: The level of analysis for screening data is at the discretion of the OSA.
 - CF 3: processing a Conjunction Data Message, the OSA is procedurally required to perform this analysis based on checklist direction
 - IF: Checklists will be updated to ensure the OSA is procedurally required to conduct analysis prior to sending to external agencies
 - ***LL: 18 SPCS will revise squadron OI 13-01 and train all OSAs to ensure appropriate analysis is conducted and communicated with external agencies to include NASA requested screenings***
-



CUI

Additional Debrief Items

- ***DFP: Why did the OSA fail to immediately contact NASA to inform them of the false conjunction?***

- ***RC: The OSA contacted the 18 SPCS Technical Director (OSA certified) first before taking any further action in an effort to secure appropriate guidance and direction***
 - CF 1: The OSA wanted to ensure accurate information was relayed to NASA

 - CF 2: The pressure of the situation contributed to a lack of association and discipline for the OSA during the Crew 2 conjunction processing

 - IF: Error determination and re-training will be accomplished to ensure OSAs notify external agencies are notified ASAP

 - ***LL: 18 SPCS will revise training plans and procedures to ensure appropriate emphasis and understanding of need to notify external agencies on conjunction status***



CUI

Crew 2 Mission Successes

- **BL: 18 SPCS received 1,181% more observations and 65% more voice reports on the Crew 2 Vehicle through the integration of our combined partners and successfully defended freedom of action in space for the multinational astronaut crew.**

 - **Overall mission: Effective**

 - **Sensor Track Reports:**
 - The COSMOS (France) SATAM accomplished 11 tracks on the Crew 2 Vehicle.
 - The GSSAC (Germany) TIRA accomplished 2 tracks on the Crew 2 Vehicle.

 - **Observations Sharing:**
 - 18 SPCS shared 375 Observations on the Crew 2 to allied partners. Allied partners shared nearly 20,000 Observations from Space-Track during the event, with 4,430 being tagged to the Crew 2.

 - **TLEs Transferred:**
 - There were 8 TLEs transferred during the mission on the Crew 2 from 18 SPCS to allied partners that enabled combined sensor planning and tracking.
 - COSMOS calculated 2 TLEs using observations and shared them with 18 SPCS.

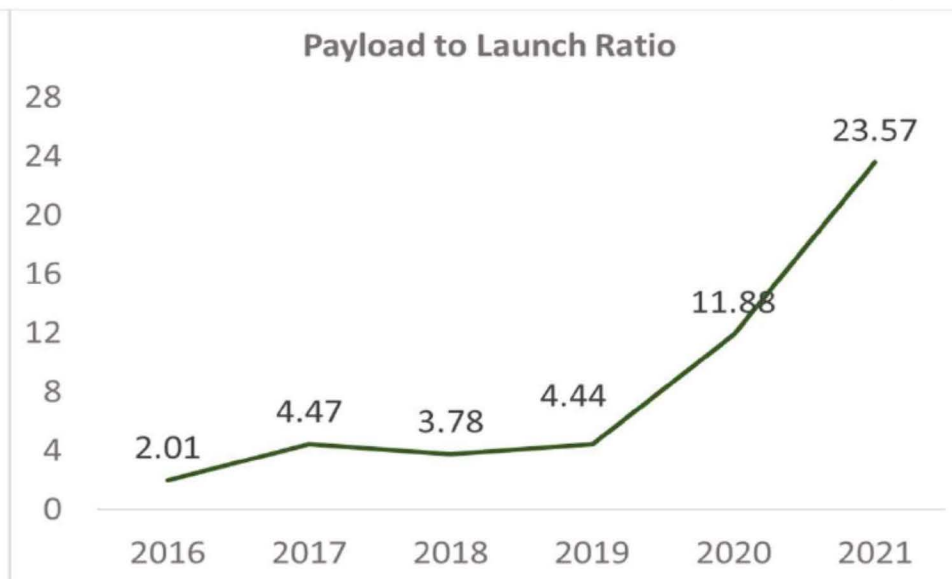
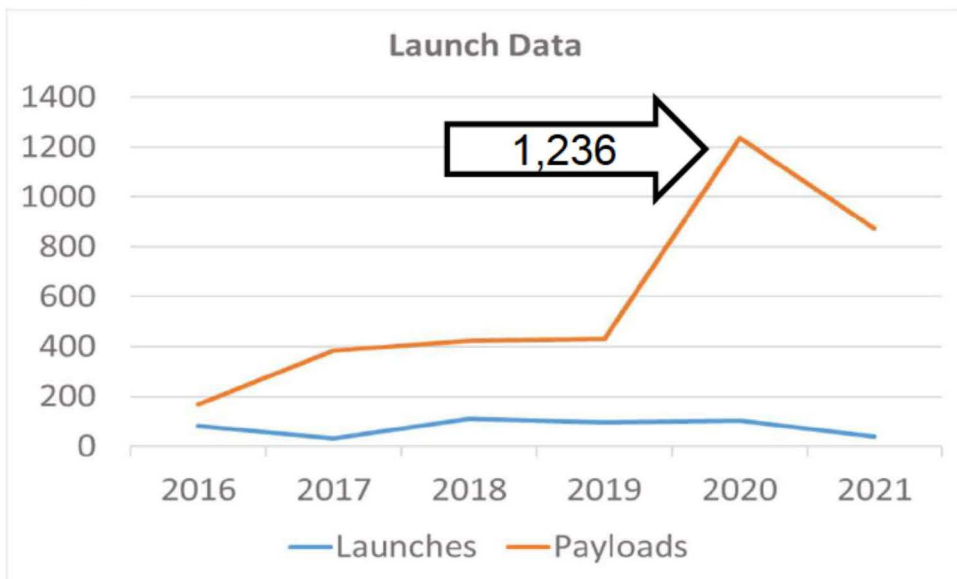
 - **Moving Forward:**

The future integration of additional combined partner tracking data will dramatically improve 18 SPCS' ability to track on-orbit objects for across ALL USSPACECOM SDA mission requirements.
-

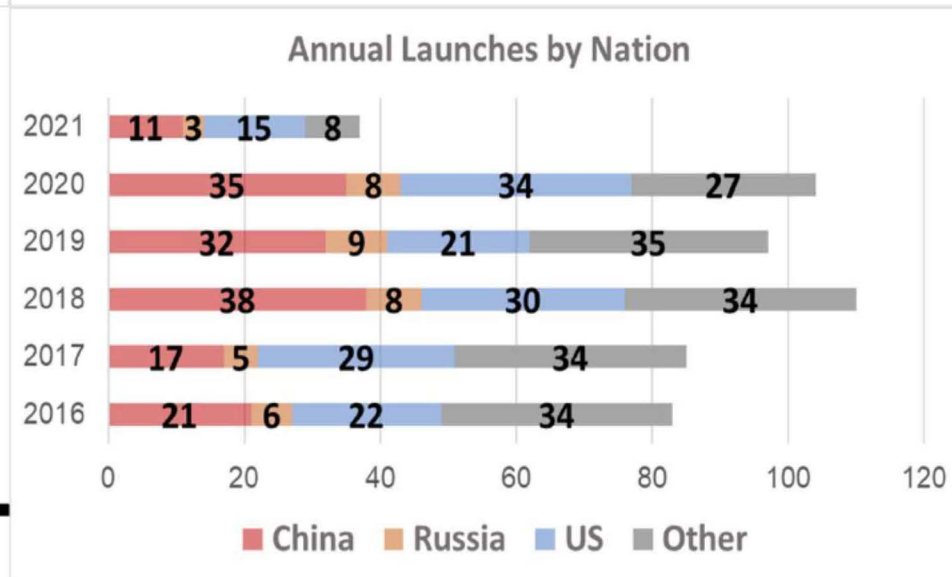


CUI

Space Domain Ops Tempo



% of 2020 Payloads in 2021	71%
% 2021 Domain Payload Increase	26%
Total Resident Space Objects	~32K



CAO: 30 Apr 21



Way Ahead

- **Provide more effective mission planning**
 - 18 SPCS will revise squadron OI 13-01, *Crew Operations*, to ensure effective and active communication of all mission plans across the crew force and with extremal agencies.
 - 18 SPCS will develop a mission planning checklist to ensure a standardized process.
 - DEL 2 will include HSFS events in local “Starry Night” AT exercises.

 - **Improve crew changeover process**
 - 18 SPCS will review how changeover is trained and conducted to ensure effective communication of critical events/information between crew members.
 - 18 SPCS will add a special mission slide to changeover to denote key information regarding non-routine tactics/procedures to support all future mission plans. (Complete)
 - 18 SPCS will revise the changeover checklist (as required) and retrain the entire crew force.
 - DEL 2 will review training and crew changeover products.

 - **Improve positional procedures and training**
 - 18 SPCS/CC has directed 4x total error investigations for mid & dayshift Crew CC & OSA positions.
 - 18 SPCS is reviewing OSA screening checklists to address pre-dissemination analysis procedures and provide training to the OSA position.
-

CUI

18th Space Control Squadron

Questions?



“Talons Sharp...Fight’s On!”

(b) (6)

SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:26 PM
To: (b) (6) SPOC 18 SPCS/DOT
Subject: FW: USSPACECOM ORB Slides
Attachments: 18 SPCS ORB_USSPACECOM v3 (Highlighted Changes).pptx; 18 SPCS ORB_USSPACECOM v3.pptx
Importance: High

(b) (6)

For the FOIA request.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

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iPhone: (b) (6)

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From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Thursday, May 6, 2021 12:25 PM
To: (b) (6) AFSPC 21 OG/Space Delta (b) (6) @spaceforce.mil>
Cc: (b) (6) AFSPC 18 SPCS/DO (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/ADC (b) (6) @spaceforce.mil>; (b) (6) SPOC Space Delta 2/CCE (b) (6) @spaceforce.mil>; (b) (6) SPOC 21 OSS/S3/6/7 (b) (6) @spaceforce.mil>; OCHS, DAMIAN X Lt Col USSF SPOC 21 OSS/CC (b) (6) @spaceforce.mil>
Subject: USSPACECOM ORB Slides
Importance: High

Steve,

Please see attached. (b) (5)

(b) (5)

Please call me on my cell (b) (6) if there are any questions or if more support is requested. Thanks!

(b) (6)

Please see the updated ORB slides for the USSPACECOM briefing on 12 May.

The slides include the requested changes from Lt Gen Whiting:

(b) (5)

The team is ready to support further. Standing by for any questions.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
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SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:27 PM
To: (b) (6) SPOC 18 SPCS/DOT
Subject: FW: ACTION | 18 SPCS ORB Final Draft for SpOC S3/6 Review
Attachments: 18 SPCS ORB_False Conjunction_CAO 28 APR 21_Final Draft.pptx

Importance: High

(b) (6)

For the FOIA request.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

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From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Wednesday, April 28, 2021 2:40 PM
To: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil
Cc: (b) (6) AFSPC 21 OG/Space Delta (b) (6) @spaceforce.mil; OCHS, DAMIAN X Lt Col USSF SPOC 21 OSS/CC <(b) (6) @spaceforce.mil>; (b) (6) USSPACECOM 21 OSS/S3/6/7 (b) (6) @usspacecom.mil>; (b) (6) AFSPC 18 SPCS/DO (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/ADO (b) (6) @spaceforce.mil>; (b) (6) SPOC Space Delta 2/CCE (b) (6) @spaceforce.mil>
Subject: ACTION | 18 SPCS ORB Final Draft for SpOC S3/6 Review
Importance: High

Sir,

18 SPCS has coordinated the attached slides through your staff and (b) (6) (b) (5)

(b) (5)

(b) (5) [Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

v/r

(b) (6)

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
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SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:29 PM
To: (b) (6) USSF SPOC 18 SPCS/DOT
Subject: FW: FOUO\18 SPCS ORB - Quick Look Assessment | CAO 261343LAPR21
Attachments: 18 SPCS ORB Initial Assessment_False Conjunction_CAO 270730LAPR21.pptx

(b) (6)

For the FOIA request.

V/R

(b) (6)

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From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Tuesday, April 27, 2021 9:29 AM
To: (b) (6) AFSPC 21 OG/Space Delta (b) (6) @spaceforce.mil; (b) (6) AFSPC 18 SPCS/DO (b) (6) @spaceforce.mil; (b) (6) SPOC 18 SPCS/ADO (b) (6) @spaceforce.mil
Cc: (b) (6) SPOC Space Delta 2/CCE (b) (6) @spaceforce.mil
Subject: RE: FOUO\18 SPCS ORB - Quick Look Assessment | CAO 261343LAPR21

(b) (6)

(b) (5)

18 SPCS has edited the attached brief which should meet SpOC/CC intent. I'm sure we'll have a few more tweaks before it's final.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: (b) (6) AFSPC 21 OG/Space Delta (b) (6) @spaceforce.mil>
Sent: Tuesday, April 27, 2021 8:24 AM
To: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC (b) (6) @spaceforce.mil>; (b) (6) AFSPC 18 SPCS/DO (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/ADO (b) (6) @spaceforce.mil>
Cc: (b) (6) SPOC Space Delta 2/CCE (b) (6) @spaceforce.mil>
Subject: FW: FOUO\18 SPCS ORB - Quick Look Assessment | CAO 261343LAPR21

(b) (6)

(b) (5)

(b) (6)

(b) (6)

I'll see you guys at 1100PST. Col Cantore's at Schriever.

Please send any updates to (b) (6) to add to the meeting invite so we can all be on the same page.

v/r

(b) (6)
(b) (6), Space Delta 2 (USSF)
Peterson, AFB CO

COMM: (b) (6) | DSN (b) (6)
Cell: (b) (6)
NIPR: (b) (6) @us.af.mil
SIPR: (b) (6) @mail.smil.mil
JWICS: (b) (6) @af.ic.gov

From: WHITING, STEPHEN N Lt Gen USSF SPOC SpOC/CC (b) (6) @spaceforce.mil>
Sent: Monday, April 26, 2021 6:45 PM
To: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>; (b) (6) AFSPC 21 OG/Space Delta (b) (6) @spaceforce.mil>; SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC (b) (6) @spaceforce.mil>
Cc: BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>; CONLEY, MICHAEL E Brig Gen

USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>; SCHIESS, DOUGLAS A Brig Gen USSF SPOC SpOC/S3/6
(b) (6) @spaceforce.mil>; (b) (6) SPOC SpOC/S3/6
(b) (6) @spaceforce.mil>; (b) (6) AFSPC HQ USSF/DS3/6
(b) (6) @spaceforce.mil>; (b) (6) SPOC HQSF/SEL (b) (6) @spaceforce.mil>;
(b) (6) SpOC CFSCC/CoS (b) (6) @spaceforce.mil>; (b) (6) SPOC CFSCC/CJ3/6
(b) (6) @spaceforce.mil>; (b) (6) SPOC SpOC/SD2/SEL (b) (6) @spaceforce.mil>;
(b) (6) SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>

Subject: RE: FOUO\18 SPCS ORB - Quick Look Assessment | CAO 261343LAPR21

Matt (b) (6)/Justin,

Thanks for the hard scrub. (b) (5)

[REDACTED]

Thanks again, and standing by to discuss if needed.

Semper Supra
SNW

STEPHEN N. WHITING, Lt Gen, USSF
Commander, Space Operations Command

(W) (b) (6)
(C) (b) (6)

From: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>
Sent: Monday, April 26, 2021 4:37 PM
To: WHITING, STEPHEN N Lt Gen USSF SPOC SpOC/CC (b) (6) @spaceforce.mil>; BURT, DEANNA M Maj Gen
USAF SPOC CFSCC/CC (b) (6) @spaceforce.mil>; (b) (6) @nasa.gov; (b) (6) @nasa.gov
Cc: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>; SCHIESS, DOUGLAS A Brig
Gen USSF SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>; (b) (6) SPOC SpOC/S3/6
(b) (6) @spaceforce.mil>; (b) (6) AFSPC HQ USSF/DS3/6
(b) (6) @spaceforce.mil>; (b) (6) SPOC SpOC/S3/6W (b) (6) @spaceforce.mil>;
(b) (6) SPOC SpOC/S3/6W (b) (6) @spaceforce.mil>; (b) (6) SPOC
CFSCC/CJ3/6 (b) (6) @spaceforce.mil>; (b) (6) SpOC CFSCC/CoS (b) (6) @spaceforce.mil>;
DELAUTER, MONIQUE C Col USSF SPOC Delta 5 C2/CC (b) (6) @spaceforce.mil>; (b) (6)
SPOC Delta 5 C2/DD (b) (6) @spaceforce.mil>; (b) (6) SPOC Delta 5 C2/COD

(b) (6) @spaceforce.mil>; (b) (6) USSPACECOM NSDC/NSDC
(b) (6) @usspacecom.mil>; (b) (6) SPOC SPOC/S8P (b) (6) @spaceforce.mil>;
(b) (6) AFSPC 21 OG/Space Delta (b) (6) @spaceforce.mil>; (b) (6)
SPOC SpOC/SD2/SEL (b) (6) @spaceforce.mil>; (b) (6) SPOC HQSF/SEL
(b) (6) @spaceforce.mil>; (b) (6) HQSF Space Delta 2/TD
(b) (6) @spaceforce.mil>; SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC (b) (6) @spaceforce.mil>;
ANDERSON, TIMOTHY S Maj USSF SPOC 18 SPCS DET1/CC (b) (6) @spaceforce.mil>; (b) (6)
AFSPC 18 SPCS/DC (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/TD
(b) (6) @spaceforce.mil>

Subject: ~~FOUO~~ 18 SPCS ORB - Quick Look Assessment | CAO 261343LAPR21

This e-mail contains ~~FOR OFFICIAL USE ONLY (FOUO)~~

Lt Gen Whiting, Maj Gen Burt, Mr. Koerner, (b) (6)

(b) (5)

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

(b) (5)

Standing by for any questions or comments.

R/(b) (6)

MATTHEW S. CANTORE, Colonel, USSF
Commander, Space Delta 2 (SpOC)
Peterson AFB, CO

COMM (b) (6) | DSN (b) (6)
NIPR: (b) (6) @spaceforce.mil
SIPR: (b) (6) @mail.smil.mil
JWICS: (b) (6) @af.ic.gov

(b) (6)

SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:31 PM
To: (b) (6) SPOC 18 SPCS/DOT
Subject: FW: 18 SPCS ORB - Quick Look Assessment | CAO 261051LAPR21
Attachments: 18 SPCS ORB Initial Assessment_False Conjunction_CAO 261051LAPR21.pptx

(b) (6)

For the FOIA request.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Monday, April 26, 2021 10:54 AM
To: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>
Cc: (b) (6) AFSPC 21 OG/Space Delta (b) (6) @spaceforce.mil>; (b) (6) HQSF Space Delta 2/TD (b) (6) @spaceforce.mil>; (b) (6) AFSPC 18 SPCS/DO (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/ADO (b) (6) @spaceforce.mil>; SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC (b) (6) @us.af.mil>; (b) (6) SPOC Space Delta 2/DEL 2 (b) (6) @spaceforce.mil>; (b) (6) SPOC Space Delta 2/CCE (b) (6) @spaceforce.mil>
Subject: 18 SPCS ORB - Quick Look Assessment | CAO 261051LAPR21

Sir,

Please see the attached slides and message below. Mr. Koerner (b) (6) @nasa.gov) is a SES Director of Flight Ops at JSC and (b) (6) @nasa.gov) is a GS-15 Flight Ops Directorate LNO at JSC.

Lt Gen Whiting, Maj Gen Burt, Mr. Koerner, (b) (6),

(b) (5)

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Standing by for any questions, Sir/Ma'am.

v/r

(b) (6)

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (5)

(b) (6)

SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:33 PM
To: (b) (6) SPOC 18 SPCS/DOT
Subject: FW: ORB initiation Memo
Attachments: ORB Memo_Crew Dragon 2 Incident_24 Apr 21.pdf

(b) (6)

For the FOIA request.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Saturday, April 24, 2021 3:11 PM
To: (b) (6) AFSPC 18 SPCS/DO (b) (6) @spaceforce.mil>
Cc: (b) (6) SPOC 18 SPCS/ADC (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/DOK (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/DOK (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/DOT (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/TD (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/DOV (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/DOO (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/DOO (b) (6) @spaceforce.mil>
Subject: RE: ORB initiation Memo

(b) (6)

(b) (5)

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF

Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC

Sent: Friday, April 23, 2021 6:05 PM

To: (b) (6) AFSPC 18 SPCS/DO (b) (6) @spaceforce.mil>
Cc: (b) (6) SPOC 18 SPCS/ADO (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/DOK (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/DOK (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/DOT (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/TD (b) (6) @spaceforce.mil>

Subject: RE: ORB initiation Memo

(b) (6)

(b) (5)

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)
DSN: (b) (6)
iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: (b) (6) AFSPC 18 SPCS/DO (b) (6) @spaceforce.mil>

Sent: Friday, April 23, 2021 1:08 PM

To: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC (b) (6) @spaceforce.mil>
Cc: (b) (6) SPOC 18 SPCS/ADO (b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/DOK (b) (6) @spaceforce.mil>

Subject: ORB initiation Memo

Sir,

(b) (5) [Redacted]

[Redacted]

V/R,

(b) (6) [Redacted]

Operations Officer
18th Space Control Squadron

DSN: (b) (6) Comm: (b) (6)

Work Cell: (b) (6)

NIPR: (b) (6) [@spaceforce.mil](mailto:(b) (6)@spaceforce.mil)

SIPR: (b) (6) [@mail.smil.mil](mailto:(b) (6)@mail.smil.mil)

JWICS: (b) (6) [@af.ic.gov](mailto:(b) (6)@af.ic.gov)



(b) (6)

SPOC 18 SPCS/DOT

From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, May 7, 2021 7:34 PM
To: (b) (6) SPOC 18 SPCS/DOT
Subject: FW: OPREP-3B

(b) (6)

For the FOIA request.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)

DSN: (b) (6)

iPhone: (b) (6)

(b) (6) @spaceforce.mil

(b) (6) @mail.smil.mil



From: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC
Sent: Friday, April 23, 2021 5:07 PM
To: SMC/CCE (b) (6) @us.af.mil>
Subject: RE: OPREP-3B

Hi (b) (6)

Thanks for reaching out.

I've directed an ORB. (b) (5)

More to follow.

V/R

(b) (6)

JUSTIN E. SORICE, Lt Col, USSF
Commander, 18th Space Control Squadron (USSF)

Comm: (b) (6)

DSN: (b) (6)

iPhone: (b) (6)

(b) (6) @spaceforce.mil
(b) (6) @mail.smil.mil



From: SMC/CCE (b) (6) @us.af.mil>
Sent: Friday, April 23, 2021 4:47 PM
To: SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC (b) (6) @spaceforce.mil>
Subject: OPREP-3B
Importance: High

Hi Justin,

This is (b) (6), (b) (5)

Thanks, (b) (6)

(b) (6), Lt Col, USAF
Executive Officer to the Commander
Space and Missile Systems Center
(b) (6) (DSN (b) (6)) | (b) (6) (cell)

From: (b) (6) SPOC Delta 5 C2/COD
To: (b) (6) SPOC Delta 5 C2/JA
Subject: FW: FOUO\False Conjunction for Crew-2
Date: Wednesday, February 23, 2022 10:55:01 AM

From: BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>
Sent: Friday, April 23, 2021 2:18 PM
To: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>;
CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC (b) (6) @spaceforce.mil>;
WHITING, STEPHEN N Lt Gen USSF SPOC SpOC/CC (b) (6) @spaceforce.mil>
Cc: SCHIESS, DOUGLAS A Brig Gen USSF SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>;
(b) (6) SPOC SpOC/S3/6 (b) (6) ,
(b) (6) SPOC SpOC/S3/6W (b) (6) @spaceforce.mil>; (b) (6) SPOC
CFSCC/CJ3/6 (b) (6) @spaceforce.mil>; DELAUTER, MONIQUE C Col USSF SPOC Delta 5 C2/CC
(b) (6) @spaceforce.mil>; (b) (6) SPOC Delta 5 C2/DD
(b) (6) @spaceforce.mil>; (b) (6) SPOC Delta 5 C2/COD
(b) (6) @spaceforce.mil>; PURDY, STEPHEN G JR Brig Gen USAF AFSPC 45 SW/CC
(b) (6) @spaceforce.mil>; SHOEMAKER, MARK A Col USSF SPOC 45 OG/CC
(b) (6) @spaceforce.mil>
Subject: RE: FOUO\False Conjunction for Crew-2

Thanks Mike

Sent with BlackBerry Work
(www.blackberry.com)

From: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV
(b) (6) @spaceforce.mil>
Date: Friday, Apr 23, 2021, 2:54 PM
To: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC
(b) (6) @spaceforce.mil>, WHITING, STEPHEN N Lt Gen USSF SPOC SpOC/CC
(b) (6) @spaceforce.mil>, BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC
(b) (6) @spaceforce.mil>
Cc: SCHIESS, DOUGLAS A Brig Gen USSF SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>;
(b) (6) SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>;
(b) (6) SPOC SpOC/S3/6W (b) (6) @spaceforce.mil>, (b) (6)
(b) (6) SPOC CFSCC/CJ3/6 (b) (6) @spaceforce.mil>, DELAUTER, MONIQUE C Col USSF
SPOC Delta 5 C2/CC (b) (6) @spaceforce.mil>, (b) (6) SPOC
Delta 5 C2/DD (b) (6) @spaceforce.mil>, (b) (6) SPOC Delta 5
C2/COD (b) (6) @spaceforce.mil>, PURDY, STEPHEN G JR Brig Gen USAF AFSPC 45
SW/CC (b) (6) @spaceforce.mil>, SHOEMAKER, MARK A Col USSF SPOC 45 OG/CC

(b) (6) @spaceforce.mil>

Subject: RE: FOUO\False Conjunction for Crew-2

(b) (6)

Copy all. (b) (6) was just in my office and stepped me through this (b) (5)

[Redacted]

[Redacted]

[Redacted]

Vr
Mike

From: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC

(b) (6) @spaceforce.mil>

Sent: Friday, April 23, 2021 1:35 PM

To: WHITING, STEPHEN N Lt Gen USSF SPOC SpOC/CC

(b) (6) @spaceforce.mil>; BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC

(b) (6) @spaceforce.mil>; CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV

(b) (6) @spaceforce.mil>

Cc: SCHIESS, DOUGLAS A Brig Gen USSF SPOC SpOC/S3/6

(b) (6) @spaceforce.mil>; (b) (6) SPOC SpOC/S3/6

(b) (6) @spaceforce.mil>; (b) (6) SPOC SpOC/S3/6W

(b) (6) @spaceforce.mil>; (b) (6) SPOC CFSCC/CJ3/6

(b) (6) @spaceforce.mil>; DELAUTER, MONIQUE C Col USSF SPOC Delta 5 C2/CC

(b) (6) @spaceforce.mil>; (b) (6) SPOC Delta 5 C2/DD

(b) (6) @spaceforce.mil>; (b) (6) SPOC Delta 5 C2/COD

(b) (6) @spaceforce.mil>; PURDY, STEPHEN G JR Brig Gen USAF AFSPC 45

SW/CC (b) (6) @spaceforce.mil>; SHOEMAKER, MARK A Col USSF SPOC 45

OG/CC (b) (6) @spaceforce.mil>

Subject: ~~FOUO~~ False Conjunction for Crew-2

Importance: High

This e-mail contains ~~FOR OFFICIAL USE ONLY (FOUO)~~

Lt Gen Whiting, Maj Gen Burt, and Brig Gen Conley,

Sir/Ma'am,

BL: A false close conjunction with the Crew Dragon was reported by 18 SPCS to NASA at the Johnson Space Center that resulted in NASA ordering the astronauts to suit up and take extra safety precautions. Media attention is likely. Crew Dragon-2 astronauts are safe.

(b) (5)

[Redacted]

[Redacted]

[Redacted]

R/ (b) (6)

MATTHEW S. CANTORE, Colonel, USSF
Commander, Space Delta 2 (SpOC)
Peterson AFB, CO

COMM (b) (6) | DSN (b) (6)
NIPR: (b) (6) @spaceforce.mil
SIPR: (b) (6) @mail.smil.mil
JWICS: (b) (6) @af.ic.gov

From: (b) (6) SPOC Delta 5 C2/COD
To: (b) (6) SPOC Delta 5 C2/JA
Subject: FW: FOUO\CFSCC FFIR 12: 21-113A (OPEN/CLOSED) Conjunction Involving Crew Dragon Resulting in Media Attention // INFO ONLY
Date: Wednesday, February 23, 2022 10:53:22 AM

From: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>
Sent: Friday, April 23, 2021 2:04 PM
To: (b) (6) SPOC Delta 5 C2/COD (b) (6) @spaceforce.mil>; Delta 5 C2/CCIR Notifications <614AOC.CCIRNotifications@us.af.mil>
Cc: USSPACECOM Battle Watch <JFSCC.J33.BattleWatch@us.af.mil>; (b) (6) SPOC Delta 5 C2/COD (b) (6) @spaceforce.mil>; (b) (6) AFSPC Delta 5 C2/SPD (b) (6) @spaceforce.mil>; Delta 5 C2/CSpOC/Combat Ops <JSpOCCombatOps@us.af.mil>; (b) (6) SPOC Delta 5 C2/SPD (b) (6) @spaceforce.mil>
Subject: RE: FOUO\CFSCC FFIR 12: 21-113A (OPEN/CLOSED) Conjunction Involving Crew Dragon Resulting in Media Attention // INFO ONLY

Copy (b) (6) Tracking all and have spoken with 18 SPCS/CC.

From: (b) (6) SPOC Delta 5 C2/COD (b) (6) @spaceforce.mil>
Sent: Friday, April 23, 2021 1:19 PM
To: Delta 5 C2/CCIR Notifications <614AOC.CCIRNotifications@us.af.mil>
Cc: USSPACECOM Battle Watch <JFSCC.J33.BattleWatch@us.af.mil>; (b) (6) SPOC Delta 5 C2/COD (b) (6) @spaceforce.mil>; (b) (6) AFSPC Delta 5 C2/SPD (b) (6) @spaceforce.mil>; Delta 5 C2/CSpOC/Combat Ops <JSpOCCombatOps@us.af.mil>
Subject: FOUO\CFSCC FFIR 12: 21-113A (OPEN/CLOSED) Conjunction Involving Crew Dragon Resulting in Media Attention // INFO ONLY

This e-mail contains ~~FOR OFFICIAL USE ONLY (FOUO)~~

Brig Gen Conley,

(b) (5)
[Redacted]

[Redacted]

(b) (5)

[Redacted]

[Redacted]

(U) Standing by for questions/comments.

V/r,

(b) (6)

(b) (6)

Chief, Current Operations
Combined Space Operations Center

DSN: (b) (6) // Comm: (b) (6)

DRSN: (b) (6) or (b) (6)

TSVOIP: (b) (6)

Tandberg IP Number: (b) (6)

From: (b) (6) SPOC Delta 5 C2/COD
To: (b) (6) SPOC Delta 5 C2/JA
Subject: FW: ~~FOUO~~ 18 SPCS ORB - Quick Look Assessment | CAO 261343LAPR21
Date: Wednesday, February 23, 2022 10:56:36 AM
Attachments: 18 SPCS ORB Initial Assessment False Conjunction CAO 261343LAPR21.pptx

(b) (6)

This was from 18 SPCS and Del 2

v/r

(b) (6)

From: CANTORE, MATTHEW S Col USSF SPOC HQ USSF/DEL 2/CC

(b) (6) @spaceforce.mil>

Sent: Monday, April 26, 2021 3:37 PM

To: WHITING, STEPHEN N Lt Gen USSF SPOC SpOC/CC (b) (6) @spaceforce.mil>; BURT, DEANNA M Maj Gen USSF SPOC CFSCC/CC (b) (6) @spaceforce.mil>;

(b) (6) @nasa.gov; (b) (6) @nasa.gov

Cc: CONLEY, MICHAEL E Brig Gen USAF CFSCC CFSCC/CV (b) (6) @spaceforce.mil>;

SCHIESS, DOUGLAS A Brig Gen USSF SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>;

(b) (6) SPOC SpOC/S3/6 (b) (6) @spaceforce.mil>; (b) (6)

(b) (6) AFSPC HQ USSF/DS3/6 (b) (6) @spaceforce.mil>; (b) (6)

(b) (6) SPOC SpOC/S3/6W (b) (6) @spaceforce.mil>; (b) (6)

SpOC/S3/6W (b) (6) @spaceforce.mil>; (b) (6) SPOC CFSCC/CJ3/6

(b) (6) @spaceforce.mil>; (b) (6) SpOC CFSCC/CoS

(b) (6) @spaceforce.mil>; DELAUTER, MONIQUE C Col USSF SPOC Delta 5 C2/CC

(b) (6) @spaceforce.mil>; (b) (6) SPOC Delta 5 C2/DD

(b) (6) @spaceforce.mil>; (b) (6) SPOC Delta 5 C2/COD

(b) (6) @spaceforce.mil>; (b) (6) USSPACECOM NSDC/NSDC

(b) (6) @usspacecom.mil>; (b) (6) SPOC SPOC/S8P

(b) (6) @spaceforce.mil>; (b) (6) AFSPC 21 OG/Space Delta

(b) (6) @spaceforce.mil>; (b) (6) SPOC SpOC/SD2/SEL

(b) (6) @spaceforce.mil>; (b) (6) SPOC HQSF/SEL

(b) (6) @spaceforce.mil>; (b) (6) HQSF Space Delta 2/TD

(b) (6) @spaceforce.mil>; SORICE, JUSTIN E Lt Col USSF SPOC 18 SPCS/CC

(b) (6) @spaceforce.mil>; ANDERSON, TIMOTHY S Maj USSF SPOC 18 SPCS DET1/CC

(b) (6) @spaceforce.mil>; (b) (6) AFSPC 18 SPCS/DO

(b) (6) @spaceforce.mil>; (b) (6) SPOC 18 SPCS/TD

(b) (6) @spaceforce.mil>

Subject: ~~FOUO~~ 18 SPCS ORB - Quick Look Assessment | CAO 261343LAPR21

This e-mail contains ~~FOR OFFICIAL USE ONLY (FOUO)~~

Lt Gen Whiting, Maj Gen Burt, Mr. Koerner (b) (6)

(b) (5)

(b) (5) [Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

(b) (5) [Redacted]

[Redacted]

Standing by for any questions or comments.

R(b) (6)r

MATTHEW S. CANTORE, Colonel, USSF
Commander, Space Delta 2 (SpOC)
Peterson AFB, CO

COMM (b) (6) | DSN (b) (6)
NIPR: (b) (6)@spaceforce.mil
SIPR: (b) (6)@mail.smil.mil
JWICS: (b) (6)@af.ic.gov

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FDO Tracking #: SPCCOM-FDO-20-0352

~~CUI//REL TO USA, DEU, FRA, FVEY~~

Controlled by: USSF

Controlled by: 18 SPCS

~~CUI Category(ies): Proprietary Business Information~~

~~Limited Dissemination Control: REL TO USA, DEU, FRA, FVEY~~

POC: (b) (6)

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-----START-----

(b) (4)

(b) (4)

Please contact (b) (6) with any questions: (b) (6)@spaceforce.mil
Also, please feel free to utilize the Space-Track.org "Crew-2" Chat for questions.

END

~~CUI//REL TO USA, DEU, FRA, FVEY~~

FDO Tracking #: SPCCOM-FDO-20-0352

~~CUI//REL TO USA, DEU, FRA, FVEY~~

Controlled by: USSF

Controlled by: 18 SPCS

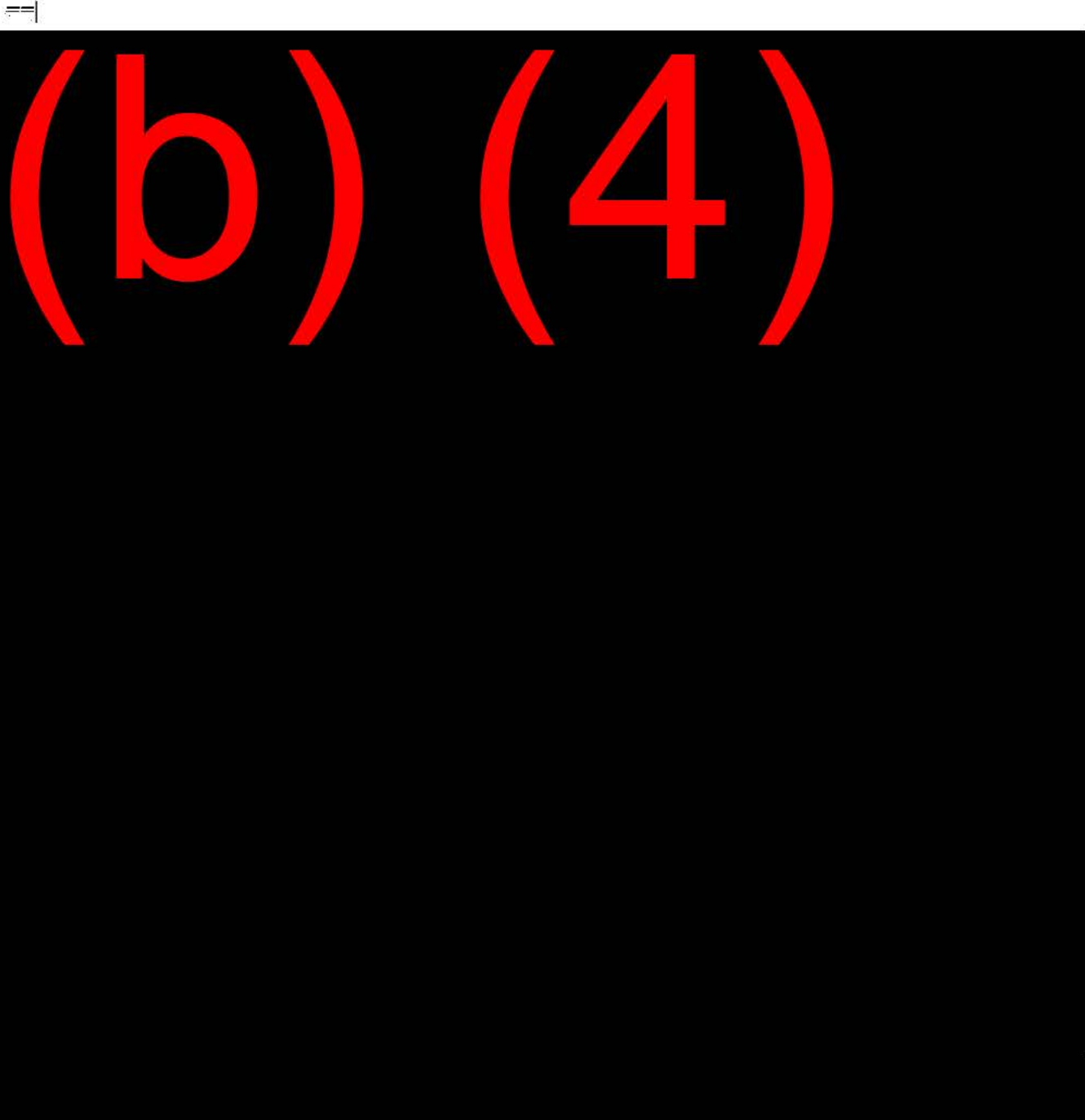
~~CUI Category(ies): Proprietary Business Information~~

~~Limited Dissemination Control: REL TO USA, DEU, FRA, FVEY~~

POC: (b) (6)

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-----START-----



(b) (4)

Please standby for any further updates.

Please contact (b) (6) with any questions: (b) (6)@spaceforce.mil
Also, please feel free to utilize the Space-Track.org "Crew-2" Chat for questions.

END

~~CUI//REL TO USA, DEU, FRA, FVEY~~

FDO Tracking #: SPCCOM-FDO-20-0352

(b) (5)

“Talons Sharp...Fight’s On!”

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(b) (6)

From: (b) (6) 614 AOC (USA)
Sent: Wednesday, May 5, 2021 12:09 PM
To: (b) (6) 21 SW OG (USA)
Cc: (b) (6) USAF 21 SW OG (USA); (b) (6) Sorice,
Justin E (b) (6) Lt Col USAF 21 SW (USA); (b) (6) 21 SW OG (USA)
Subject: FW: (U//~~FOUO~~) OPREP-3B, Rule 10A
Categories: UNCLASSIFIED

CLASSIFICATION: UNCLASSIFIED//~~FOUO~~

Sir,

(b) (5)

Let me know if you have any questions, sir. Thanks.

V/R,

(b) (6)

Operations Officer
18th Space Control Squadron
DSN: (b) (6) Comm: (b) (6)
NIPR: (b) (6) @us.af.mil
SIPR: (b) (6) @mail.smil.mil
JWICS: (b) (6) @af.ic.gov

CLASSIFICATION: UNCLASSIFIED//~~FOUO~~

From: (b) (6) @mail.smil.mil>
Sent: Tuesday, May 4, 2021 8:15 PM
To: (b) (6) 614 AOC (USA); (b) (6) @mail.smil.mil>
Subject: FW: (U//~~FOUO~~) OPREP-3B, Rule 10A

CLASSIFICATION: UNCLASSIFIED//~~FOUO~~

Sir,

Please see below

Very Respectfully,

(b) (6)

Charlie Crew Commander

18 SPCS USSF VANDENBERG
SECRET DSN: (b) (6)
UNCLASS DSN: (b) (6)
TS VOIP: (b) (6)

CLASSIFICATION: UNCLASSIFIED//~~FOUO~~

From: USAF Vandenberg AFB AFSPC Mailbox 18 SPCS SSA Ops <usaf.vandenberg.afspc.mbx.18-spcs-ssa-ops@mail.smil.mil>
Sent: Thursday, April 29, 2021 9:59 PM
To: (b) (6) 21 SW OG (USA) (b) (6) @mail.smil.mil; USAF Vandenberg AFB AFSPC Mailbox 18 SPCS SSA Ops <usaf.vandenberg.afspc.mbx.18-spcs-ssa-ops@mail.smil.mil>
Cc: (b) (6) 614 AOC (USA) (b) (6) @mail.smil.mil; (b) (6) (b) (6) @mail.smil.mil
Subject: RE: (U//~~FOUO~~) OPREP-3B, Rule 10A

CLASSIFICATION: UNCLASSIFIED//~~FOUO~~

(b) (6)

(b) (5)

Very Respectfully,
(b) (6)

(b) (6)

Operations Support
18th Space Control Squadron
Vandenberg AFB, CA
Comm (b) (6)
DSN (b) (6)

CLASSIFICATION: UNCLASSIFIED//~~FOUO~~

From: (b) (6) 21 SW OG (USA) (b) (6) @mail.smil.mil
Sent: Wednesday, April 28, 2021 9:40 PM
To: USAF Vandenberg AFB AFSPC Mailbox 18 SPCS SSA Ops <usaf.vandenberg.afspc.mbx.18-spcs-ssa-ops@mail.smil.mil>
Cc: (b) (6) 614 AOC (USA) (b) (6) @mail.smil.mil; (b) (6) (b) (6) @mail.smil.mil
Subject: RE: (U//~~FOUO~~) OPREP-3B, Rule 10A

(b) (6)

(b) (5)

V/R,

(b) (6)

From: USAF Vandenberg AFB AFSPC Mailbox 18 SPCS SSA Ops <usaf.vandenberg.afspc.mbx.18-spcs-ssa-ops@mail.smil.mil>
Sent: Monday, April 26, 2021 7:14 PM
To: (b) (6) 21 SW OG (USA) (b) (6) @mail.smil.mil>
Cc: (b) (6) 614 AOC (USA) (b) (6) @mail.smil.mil>; USAF Vandenberg AFB AFSPC Mailbox 18 SPCS SSA Ops <usaf.vandenberg.afspc.mbx.18-spcs-ssa-ops@mail.smil.mil>; (b) (6) @mail.smil.mil>
Subject: RE: (U//FOUO) OPREP-3B, Rule 10A

CLASSIFICATION: UNCLASSIFIED//FOUO

(b) (6)

(b) (5)

Very Respectfully,

(b) (6)

(b) (6)

Operations Support
18th Space Control Squadron
Vandenberg AFB, CA
Comm (b) (6)
DSN (b) (6)

CLASSIFICATION: UNCLASSIFIED//FOUO

From: (b) (6) 21 SW OG (USA) (b) (6) @mail.smil.mil>
Sent: Friday, April 23, 2021 9:54 PM
To: USAF Peterson AFB 21 SW Mailbox Colorado Springs Regional CP <usaf.peterson.21-sw.mbx.colorado-springs-regional-cp@mail.smil.mil>
Cc: (b) (6) 614 AOC (USA) (b) (6) @mail.smil.mil>; Cantore, Matthew S Col USAF 21 SW OG (USA) (b) (6) @mail.smil.mil>; (b) (6) 21 SW OG (USA) (b) (6) @mail.smil.mil>; Sorice, Justin E (Dex) Lt Col USAF 21 SW (USA) (b) (6) @mail.smil.mil>; (b) (6) 21 SW OG (USA) (b) (6) @mail.smil.mil>; USAF Vandenberg AFB AFSPC Mailbox 18 SPCS SSA Ops <usaf.vandenberg.afspc.mbx.18-spcs-ssa-ops@mail.smil.mil>
Subject: RE: (U//FOUO) OPREP-3B, Rule 10A

(b) (5)

(b) (5)

(U) POC: 18 SPCS Mission Commander, DSN (b) (6), SECURE: (b) (6)

(b) (6)
Deputy Commander, Space Delta 2
719 (b) (6)
DSN (b) (6)

From: (b) (6) 614 AOC (USA) (b) (6) @mail.smil.mil>
Sent: Friday, April 23, 2021 3:34 PM
To: Cantore, Matthew S Col USAF 21 SW OG (USA) (b) (6) @mail.smil.mil>
Cc: (b) (6) 21 SW OG (USA) (b) (6) @mail.smil.mil>; (b) (6) 21 SW OG (USA) (b) (6) @mail.smil.mil>; Sorice, Justin E (Dex) Lt Col USAF 21 SW (USA) (b) (6) @mail.smil.mil>; (b) (6) 21 SW OG (USA) (b) (6) @mail.smil.mil>; USAF Vandenberg AFB AFSPC Mailbox 18 SPCS SSA Ops <usaf.vandenberg.afspc.mbx.18-spcs-ssa-ops@mail.smil.mil>
Subject: (U//~~FOUO~~) OPREP-3B, Rule 10A

CLASSIFICATION: UNCLASSIFIED//~~FOUO~~

(b) (6)

(b) (5)

V/R, (b) (6)

(b) (5)

(b) (5)

(U) POC: 18 SPCS Mission Commander, DSN (b) (6) SECURE: (b) (6)

CLASSIFICATION: UNCLASSIFIED//~~FOUO~~

(b) (1) (A)

(b) (1) (A)

1743

It was discovered that analysts 85410 85411 were created on JD 111. On JD 112 McCune let the OSA know that he created those two objects. 85411 showed up in my current Crew 2 screening. Since it was passed that the Dragon Crew 2 was cataloged as 48209 with the TCA coming in fast and with the TOPO wanting data NOW! I sent the spreadsheets and CDMs of 85411 to the TOPO. This was wrong as the 85411 was the in fact the dragon.

1744

Since then NASA was notified of the situation.

(b) (1) (A)

(b) (1) (A)