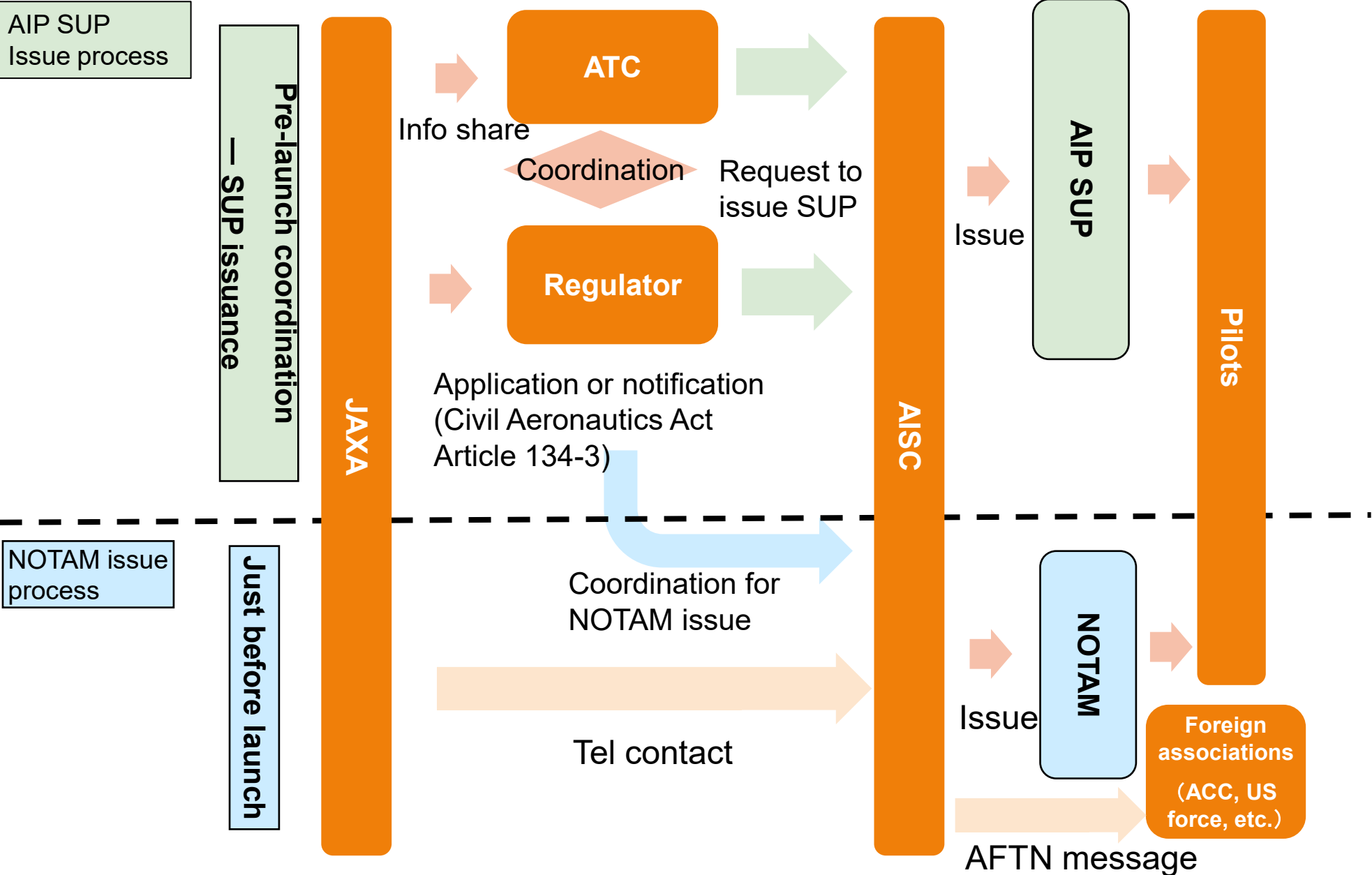




 **Ministry of Land, Infrastructure, Transport and Tourism**
JAPAN CIVIL AVIATION BUREAU

Current status of coordination in Japan regarding space object launch and re-entry activity

Air Navigation Services Department
Japan Civil Aviation Bureau



- Rocket launches from sites within the Fukuoka FIR require prior notification* to the Minister of Land, Infrastructure, Transport and Tourism under the Civil Aeronautics Act, as such activities may affect aircraft flight operations.

* If the launch site is within controlled airspace, permission is required.

- The re-entry of the HTV-7 was notified as an activity associated with a rocket launch.

○Notification Review Items

➔ [Safety Measures] Does the plan ensure avoidance of collision with aircraft?

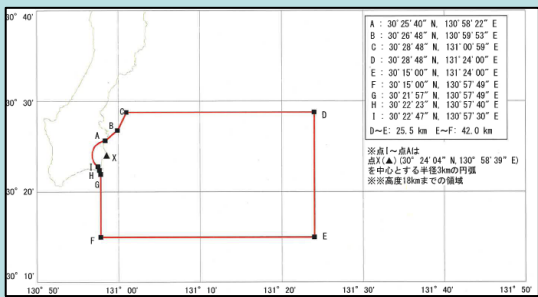
- ✓ Areas necessary for rocket launch operations.
- ✓ Status of coordination with ATC authorities.
- ✓ The launch will be aborted if an aircraft is flying within the affected area.
- ✓ No launch shall be conducted under instrument meteorological conditions.

➔ Is a communication system with air traffic control established?

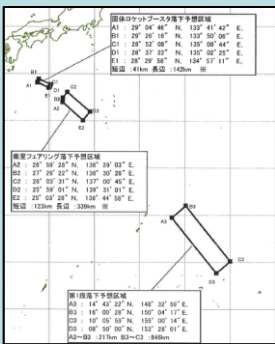
- ✓ A system that enables prompt communication .(e.g., phone and email).
- ✓ Notification shall be provided at timings required by ATC.

Impact Area indicated in the notification

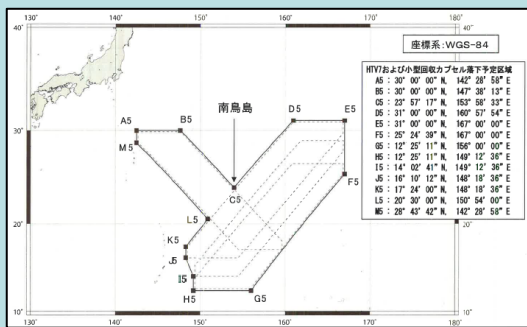
▪ Launch Hazard Area



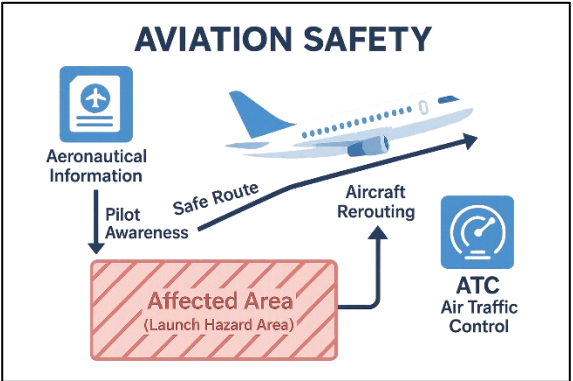
▪ Falling Area of Separated Rocket Components



▪ Falling Area of the HTV-7



Following coordination with the ATC authority,
request the Aeronautical Information Center
to issue the aeronautical information.



Aviation safety is maintained through
aircraft rerouting by ATC and
pilot awareness provided
by aeronautical information.

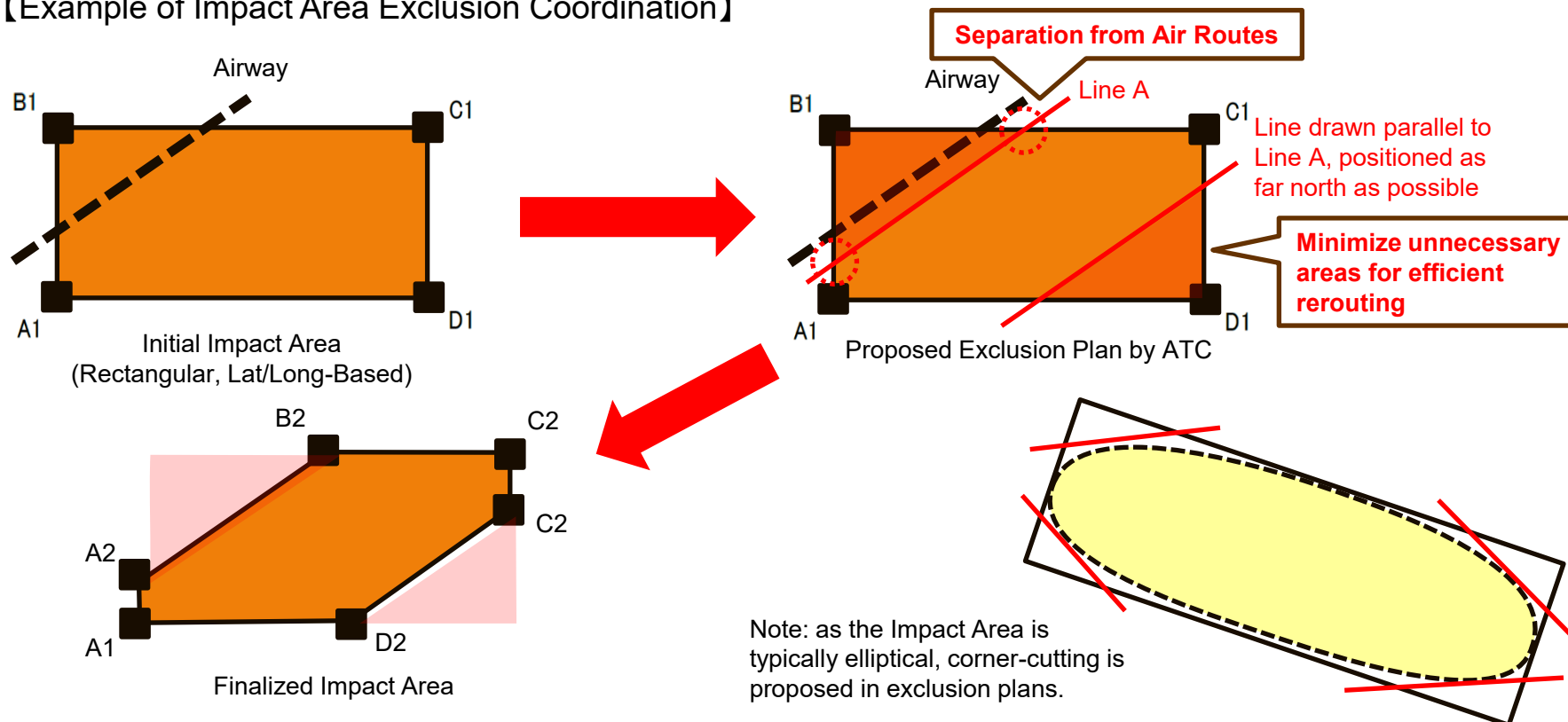
➤ Example Flow of Coordination for Domestic Rocket Launches

1. Impact Area Exclusion Coordination
2. Procedure Validation
3. Alternate Routes Setup
4. AIP SUP Issuance

1. Impact Area Exclusion Coordination

- What is Impact Area Exclusion Coordination?
 - ☑ Requests from JAXA are typically received several months before launch
 - ☑ The predicted Impact Area is shared with relevant ACCs
 - ☑ Draft exclusion plans are developed by the ACCs

【Example of Impact Area Exclusion Coordination】



- The methods and assumptions used to define the predicted Impact Area vary depending on the launch operator, and in some cases, this coordination may not be conducted.

2. Procedure Validation

- What is Procedure Validation?
 - ☑ Assess impact of warning areas on nearby airports, procedures, and air routes
 - ☑ Affected procedures/routes are suspended and published via AIP SUP
 - ☑ Validation request from ATMC or MOD contact point
 - ☑ Typical duration: ~1 month
- Avoidance areas around the launch site are established in phases based on operations such as rocket transport and fueling.

2. Flight avoidance

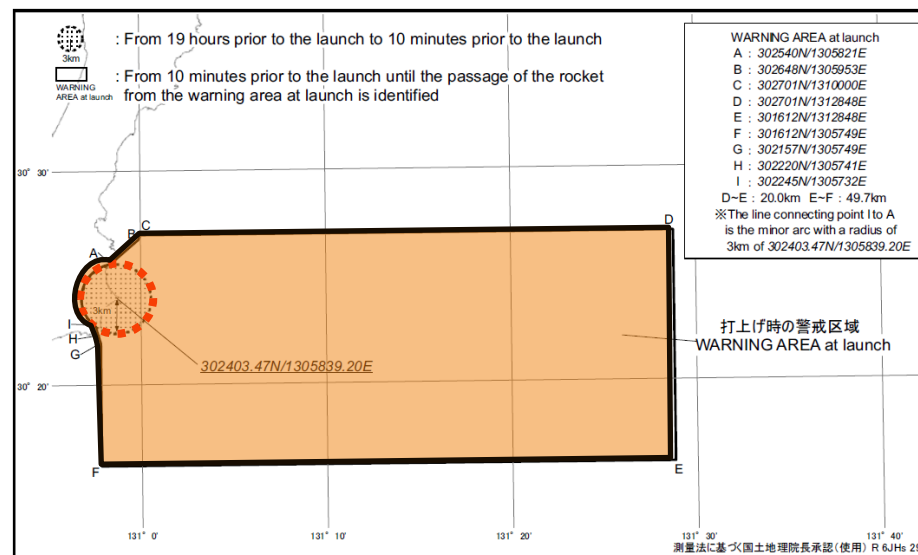
Aircraft will be requested to avoid flying in the following area due to rocket launch. (See ATTACHMENT-3)

(1) From 19 hours prior to the launch to 10 minutes prior to the launch: **Area enclosed by red dashed line**

The area within a radius of 3.0km of 302403.47N/1305839.20E, with altitude at or below 9,900FT.

(2) From 10 minutes prior to the launch until the passage of the rocket from the following area is identified: **Area enclosed by points A-I**

The WARNING AREA at launch with an altitude at or below 59,058FT.

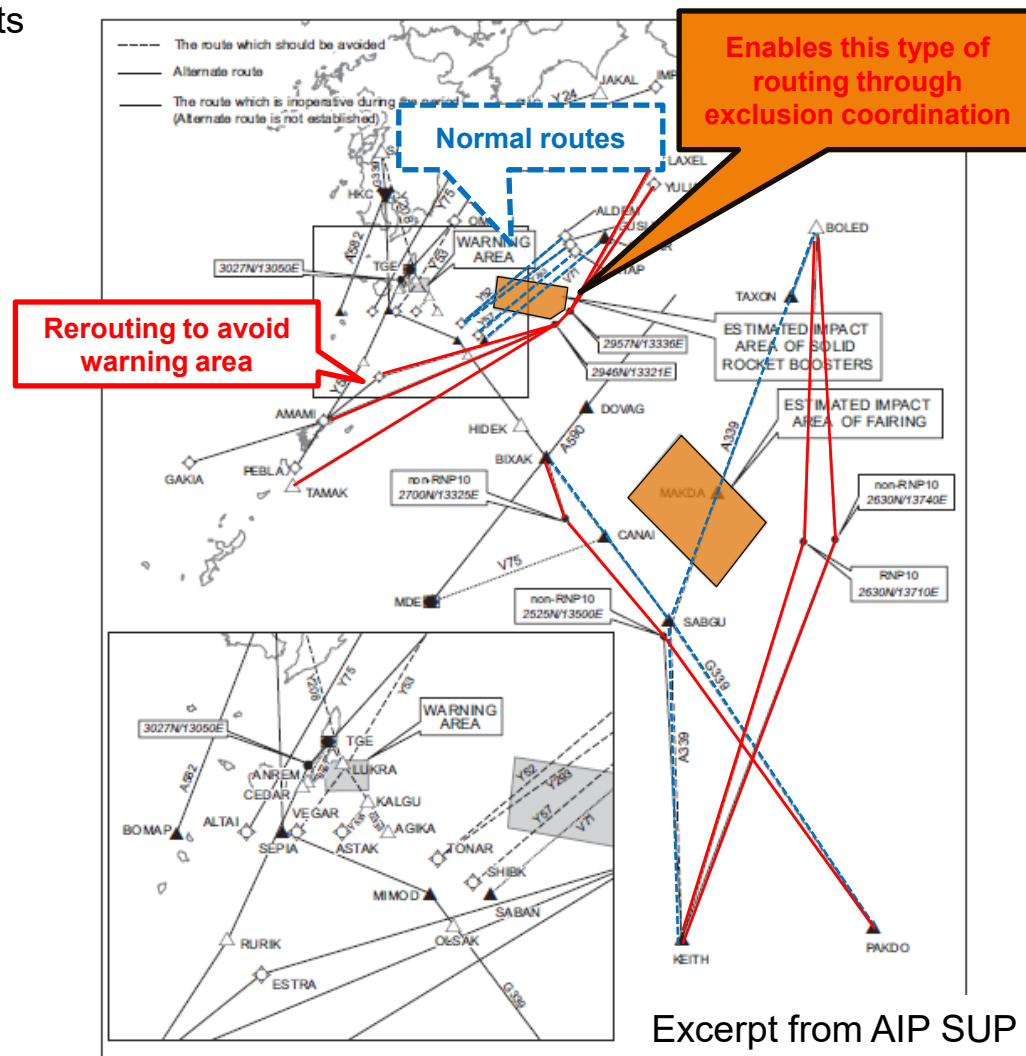
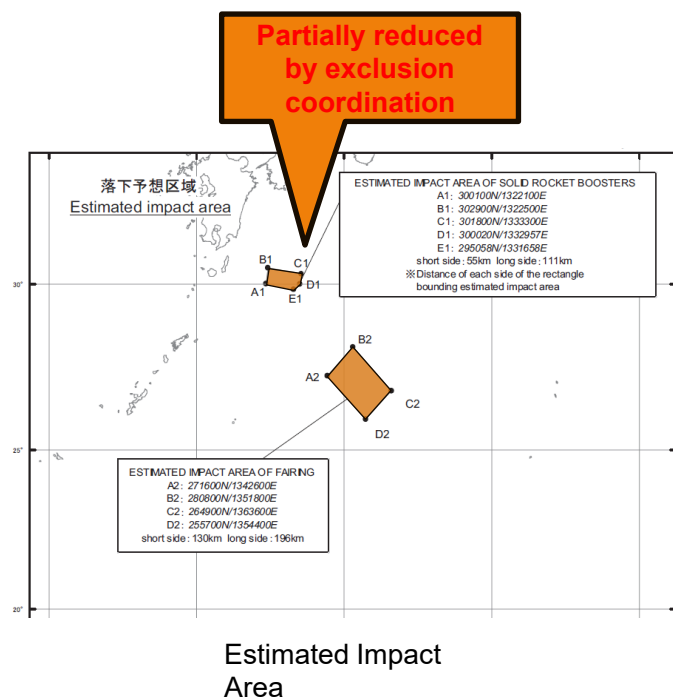


Excerpt from AIP SUP

3. Alternate Routes Setup

- What is Alternate Routes Setup?
 - Impact Area finalized after exclusion coordination
 - Rerouting requested from relevant ATC units

【Example of Alternative Route】



4. AIP SUP Issuance

- Consolidated and submitted for AIP SUP issuance before launch

AIP Supplement

◆ Rocket Launch

- Estimated Launch Date and Time
- Launch Point
- Estimated Time and Areas of Impact of Falling Objects

◆ Flight Avoidance Areas

◆ Unusable Flight Procedures

- Unusable Flight Procedures , Airways
- Required Flight Plan Routes During Rocket Launch Operations

◆ Releasing of Balloons

NOTAM



Due to the nature of rocket launches, the exact launch timing is notified by NOTAM.

AIP SUP

JAPAN
MINISTRY OF LAND, INFRASTRUCTURE,
TRANSPORT AND TOURISM
CIVIL AVIATION BUREAU
AERONAUTICAL INFORMATION SERVICE CENTER

AIP SUP
NR073/26
16 APR 2026

073/26
ロケット (H3) 打上げ及び関連飛行回避等について

宇宙航空研究開発機構によるロケット打上げ並びにそれに伴う飛行回避、経路の使用制限等及び気球の放球が次のとおり実施される。

1. ロケット打上げについて
(1) 打上げ予定日時等：

機 種 Type of Rocket	打上げ予定日 Estimated launch date	打上げ予定時間 Estimated launch time
H3-F6	令和 8 年 5 月 14 日から令和 8 年 6 月 30 日までの間 Between 14 MAY 2026 and 30 JUN 2026	Notified by NOTAM

* 正確な打上げ日時は、打上げ日の 2 日前までにノートム RJJJ により通知される。

(2) 打上げ地点：302403.43N/1305832.08E

(3) 落下物について：

落下物 Falling objects	落下予定時間 Estimated time of impact
(1) FAIRING	Between 14 min and 27 min after launching
(2) 1st STAGE MAIN ENGINE	Between 15 min and 31 min after launching

073/26
Rocket (H3) launch and relevant flight avoidance etc.

A rocket will be launched by the Japan Aerospace Exploration Agency (JAXA), and flight avoidance, unusable routes etc. and releasing of balloons will be conducted as follows:

1. Rocket launch
(1) Estimated launch date and time etc.:

機 種 Type of Rocket	打上げ予定日 Estimated launch date	打上げ予定時間 Estimated launch time
H3-F6	令和 8 年 5 月 14 日から令和 8 年 6 月 30 日までの間 Between 14 MAY 2026 and 30 JUN 2026	Notified by NOTAM

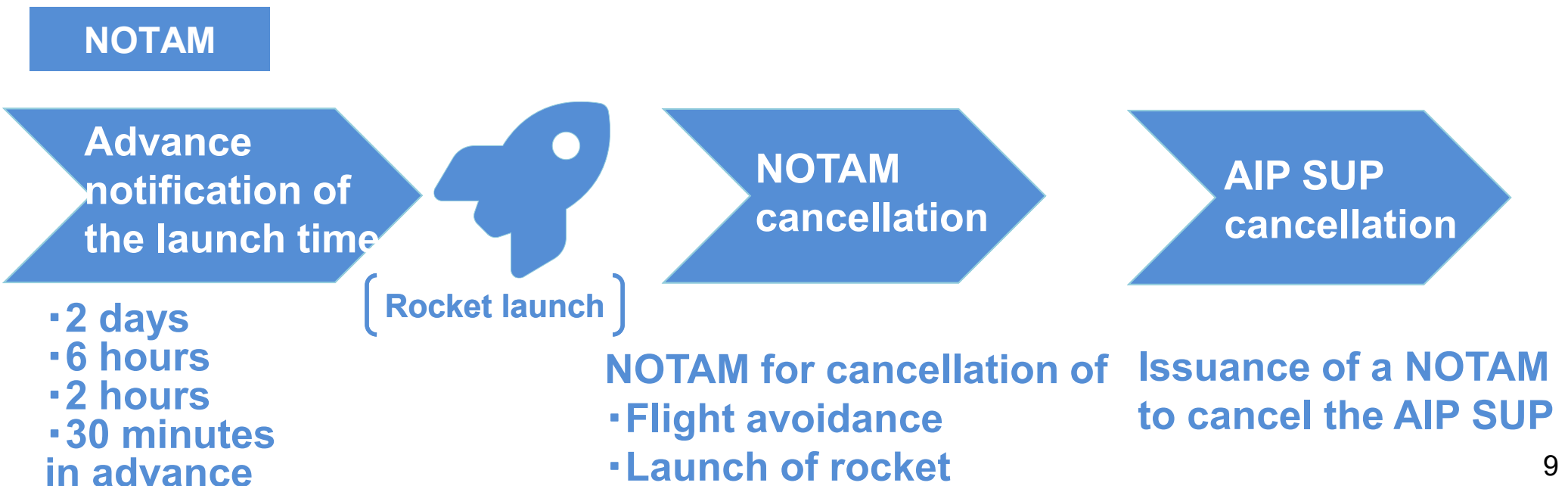
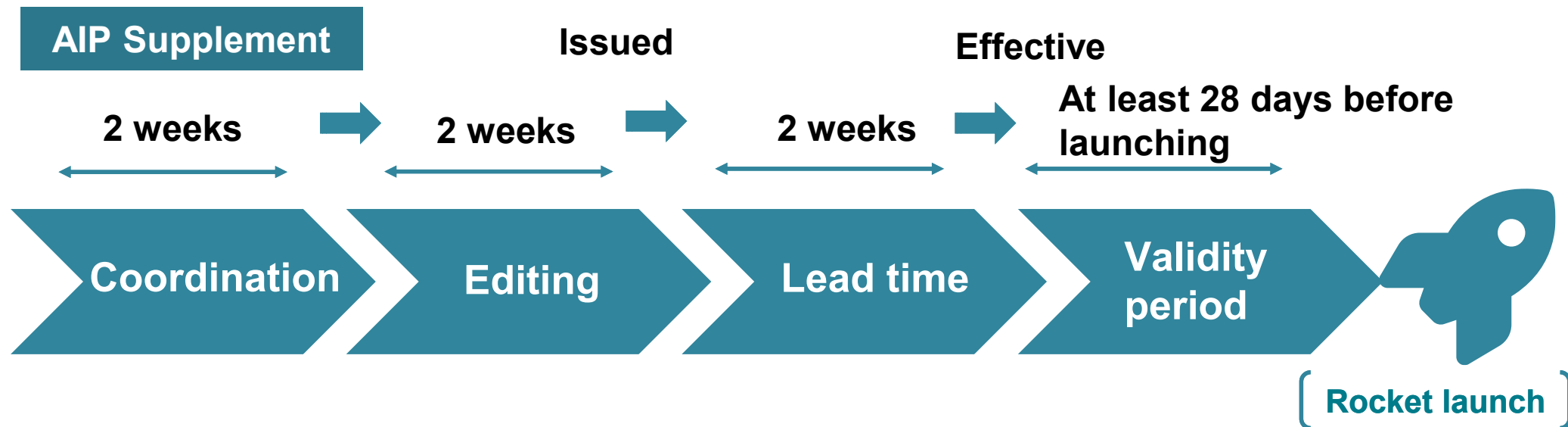
* The exact launch date and time will be notified by further NOTAM RJJJ by 2 days prior to launch.

(2) Launch point: 302403.43N/1305832.08E

(3) Falling objects:

落下物 Falling objects	落下予定時間 Estimated time of impact
(1) FAIRING	Between 14 min and 27 min after launching
(2) 1st STAGE MAIN ENGINE	Between 15 min and 31 min after launching

Timeline the issuance of AIP Supplement and NOTAM



Tel: +81-50-3146-3195
AFTN: RJAANYX
E-mail:
helpdesk@ais.mlit.go.jp

JAPAN
MINISTRY OF LAND, INFRASTRUCTURE,
TRANSPORT AND TOURISM
CIVIL AVIATION BUREAU
AERONAUTICAL INFORMATION SERVICE CENTER

AIP SUP
NR073/26
16 APR 2026

073/26
ロケット (H3) 打上げ及び関連飛行回避等について
073/26
Rocket (H3) launch and relevant flight avoidance etc.

宇宙航空研究開発機構によるロケット打上げ並びにそれに伴う飛行回避、経路の使用制限等及び気球の放球が次のとおり実施される。
A rocket will be launched by the Japan Aerospace Exploration Agency (JAXA), and flight avoidance, unusable routes etc. and releasing of balloons will be conducted as follows:

1. ロケット打上げについて
(1) 打上げ予定日時等:
1. Rocket launch
(1) Estimated launch date and time etc.:

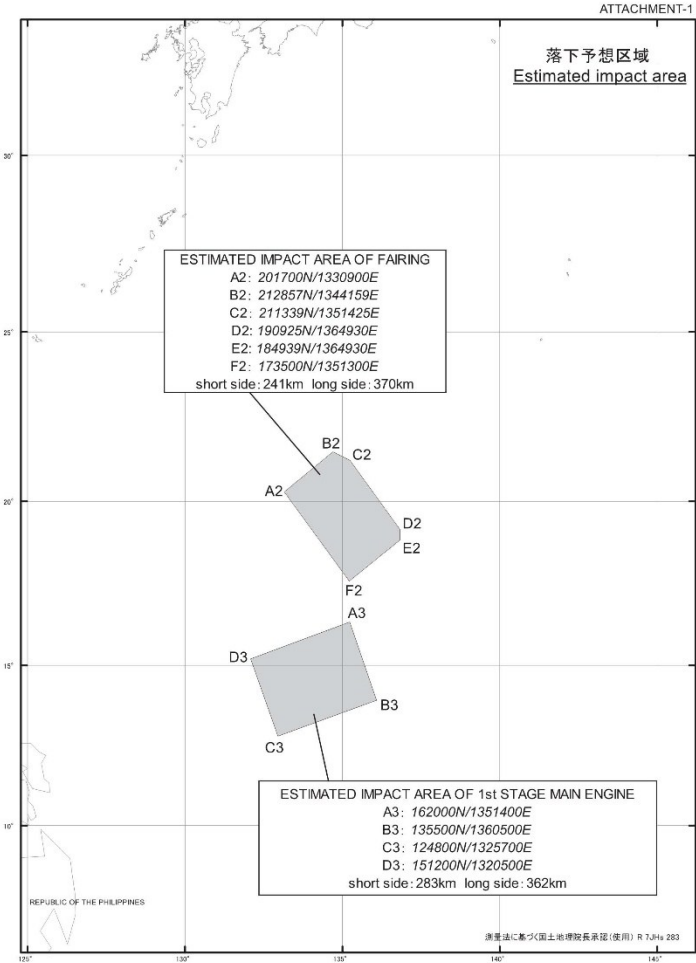
機 種 Type of Rocket	打上げ予定日 Estimated launch date	打上げ予定時間 Estimated launch time
H3-F6	令和 8 年 5 月 14 日から令和 8 年 6 月 30 日までの間 Between 14 MAY 2026 and 30 JUN 2026	Notified by NOTAM

* 正確な打上げ日時は、打上げ日の 2 日前までにノータム RJJJ により通知される。
*The exact launch date and time will be notified by further NOTAM RJJJ by 2 days prior to launch.

- (2) 打上げ地点: 302403.43N/1305832.08E
(2) Launch point: 302403.43N/1305832.08E

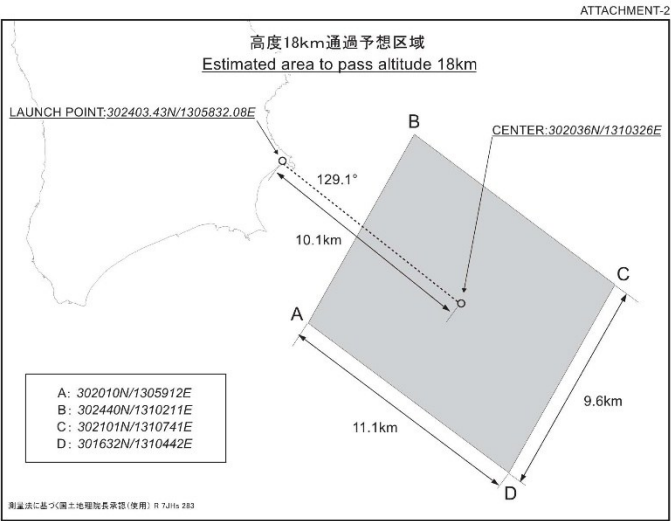
- (3) 落下物について:
(3) Falling objects:

落下物 Falling objects	落下予定時間 Estimated time of impact
(1) FAIRING	Between 14 min and 27 min after launching
(2) 1st STAGE MAIN ENGINE	Between 15 min and 31 min after launching



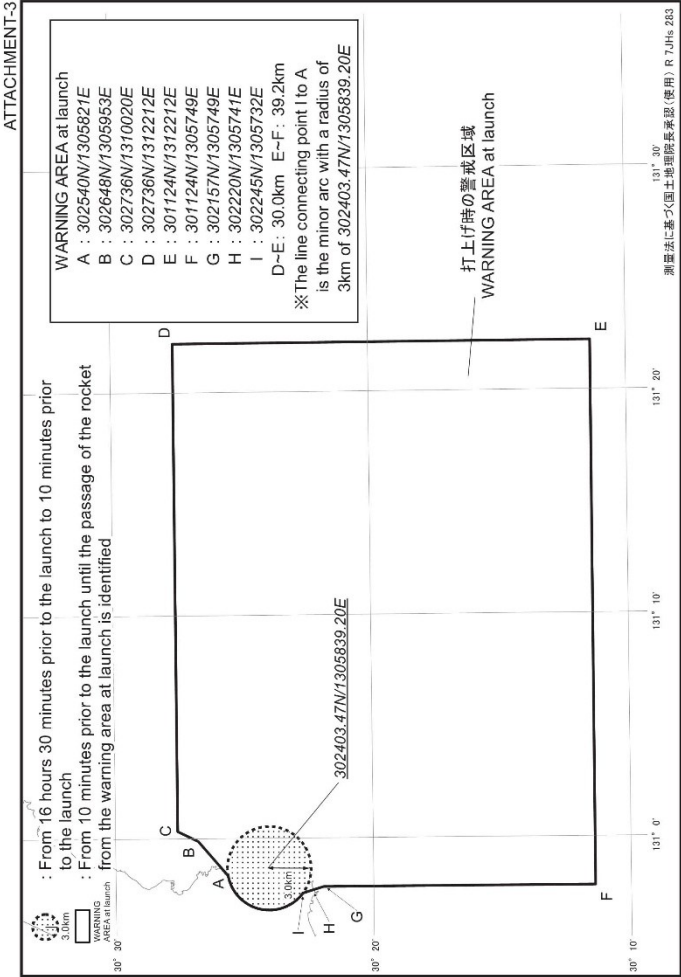
(4) その他

(4) Other



2. 飛行回避について
次の空域における飛行は、ロケット打上げのため、次の期間
避けられたい。(ATTACHMENT-3 参照)
- (1) 打上げ予定時刻の 16 時間 30 分前から打上げ予定時刻の 10
分前まで:
302403.47N/1305839.20E を中心とする半径 3.0km の円内の区
域の直上空域における高度 9,900FT 以下の空域
- (2) 打上げ予定時刻の 10 分前から以下に示す空域からのロケッ
トの通過が確認されるまで:
打上げ時の警戒区域の直上空域における高度 59,058FT 以下
の空域

2. Flight avoidance
Aircraft will be requested to avoid flying the following area due
to rocket launch.(See ATTACHMENT-3)
- (1) From 16 hours 30 minutes prior to the launch to 10 minutes
prior to the launch:
The area within a radius of 3.0km of 302403.47N/
1305839.20E, with altitude at or below 9,900FT.
- (2) From 10 minutes prior to the launch until the passage of the
rocket from following area is identified:
The WARNING AREA at launch with altitude at or below
59,058FT.



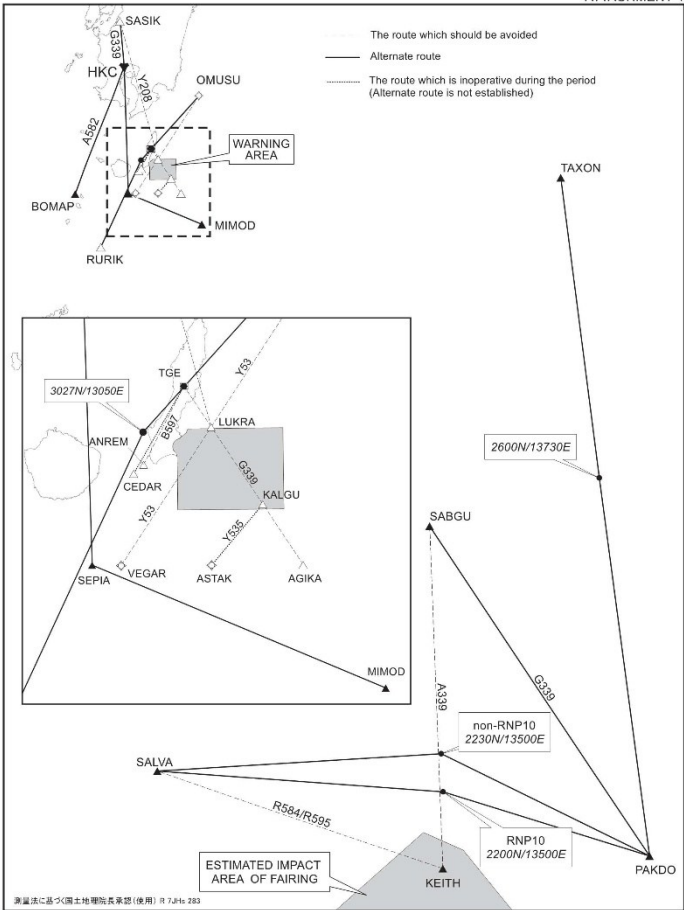
3. 飛行方式等の使用制限等について
- 3-1. 飛行方式等の使用不可
ロケット打上げに伴い、以下に示す飛行の方式、航空路等は使用しないこと。
- (1) 打上げ予定時刻の 16 時間 30 分前から、打上げ予定時刻の 10 分前までの間
- * 打上げ延期等の場合、使用制限等の新たな期間がノーナム RJFC 及び RJJJ により通知されることがある。
- 1) 屋久島空港の標準計器到着方式
「CEDAR ARRIVAL」
- 2) 直行経路
「TGE VOR/DME - CEDAR」
(11,000FT 未満)
- 3) 航空路
「B597 (between TGE and ANREM)」
(11,000FT 未満)
- (2) 打上げ予定時刻の 10 分前から 2.(2) に示す空域からのロケットの通過が確認されるまでの間：
- * 使用制限の取り消しについては、追ってノーナム RJFG, RJFC 及び RJJJ により通知される。
- (RNP10 航行が許可されている航空機及び RNP10 航行が許可されていない航空機)
- 1) 種子島空港の標準計器出発方式
「TANEGASHIMA REVERSAL THREE DEPARTURE(RWY13)」
- 2) 種子島空港の計器進入方式
「ILS Z or LOC RWY31」
- 3) 種子島空港の待機方式
「TGE R347 による待機方式 (COPTER ILS X or LOC X RWY31)」
(6,000FT 超)
「TGE R152 による待機方式 (COPTER VOR Y RWY13)」
(6,000FT 超)
(航空路誌補正版 NR164/24 参照)
- 4) 屋久島空港の標準計器到着方式
「CEDAR ARRIVAL」
- 5) 屋久島空港の待機方式
「CEDAR における待機方式」
- 6) 直行経路
「TGE VOR/DME - CEDAR」
- 7) 航空路
「B597(between TGE and ANREM)」
「G339(between TGE and AGIKA)」
「A339(between SABGU and KEITH)」
「R584(between SALVA and KEITH)」
「R595(between SALVA and KEITH)」
- 8) RNAV5 経路
「Y208(between LUKRA and SASIK)」
「Y53(between VEGAR and OMUSU)」
「Y535(between ASTAK and KALGU)」
- 9) エンルート待機方式
「OMUSU における待機方式」

3. Unusable Flight Procedures etc.
- 3-1. Unusable Flight Procedures etc.
- Following flight procedures, AWY etc. should be unusable due to rocket launch.
- (1) From 16 hours 30 minutes prior to the launch to 10 minutes prior to the launch :
- *There is a case in which new period of restriction is notified by NOTAM RJFC and NOTAM RJJJ when the launch is postponed, etc.
- 1) STAR for Yakushima AP/RJFC
「CEDAR ARRIVAL」
- 2) Direct route
「TGE VOR/DME - CEDAR」
(Below 11,000FT)
- 3) AWY
「B597 (between TGE and ANREM)」
(Below 11,000FT)
- (2) From 10 minutes prior to the launch until the passage of the rocket from the area of 2.(2) is identified:
- *Cancellation of the unusable flight procedures, direct route, etc. will be notified by further NOTAM RJFG, NOTAM RJFC and NOTAM RJJJ.
- (For RNP10 aircraft and non-RNP10 aircraft)
- 1) SID for Tanegashima AP/RJFC
「TANEGASHIMA REVERSAL THREE DEPARTURE(RWY13)」
- 2) Instrument APCH PROC for Tanegashima AP/RJFC
「ILS Z or LOC RWY31」
- 3) Holding procedure for Tanegashima AP/RJFC
「Hold TGE R347(COPTER ILS X or LOC X RWY31)」
(Above 6,000FT)
「Hold TGE R152(COPTER VOR Y RWY13)」
(Above 6,000FT)
(REF AIP SUP NR164/24)
- 4) STAR for Yakushima AP/RJFC
「CEDAR ARRIVAL」
- 5) Holding procedure for Yakushima AP/RJFC
「Hold CEDAR」
- 6) Direct route
「TGE VOR/DME - CEDAR」
- 7) AWY
「B597(between TGE and ANREM)」
「G339(between TGE and AGIKA)」
「A339(between SABGU and KEITH)」
「R584(between SALVA and KEITH)」
「R595(between SALVA and KEITH)」
- 8) RNAV5 route
「Y208(between LUKRA and SASIK)」
「Y53(between VEGAR and OMUSU)」
「Y535(between ASTAK and KALGU)」
- 9) EN-ROUTE HOLDING
「Hold OMUSU」

- 3-2. 飛行計画経路
- "3-1." に係る飛行計画経路は次のように計画されたい。
(ATTACHMENT-4 参照)
- (For RNP10 aircraft and non-RNP10 aircraft)
- AWY
- (1)A339(between SABGU and KEITH)
→...TAXON 2600N13730E PAKDO...
or...SABGU G339 PAKDO...
- (2)B597(between TGE and ANREM)
→...BOMAP A582 HKC...
- (3)G339(between TGE and AGIKA)
→...HKC SEPIA MIMOD...
- RNAV5 route
- (1)Y208(between LUKRA and SASIK)
→...MIMOD SEPIA HKC G339 SASIK...
- (2)Y53(between VEGAR and OMUSU)
→...RURIK 3027N13050E OMUSU...
- (For RNP10 aircraft)
- AWY
- R584(between SALVA and KEITH)
R595(between SALVA and KEITH)
→...SALVA 2200N13500E PAKDO...
- (For non-RNP10 aircraft)
- AWY
- R584(between SALVA and KEITH)
R595(between SALVA and KEITH)
→...SALVA 2230N13500E PAKDO...

- 3-2. Flight planned route
- It is requested that flight planned routes concerned with "3-1." will be filed as follows. (See ATTACHMENT-4)

ATTACHMENT-4



4. 気球の放球について
気象観測のため、気球の放球が行われる。
(ATTACHMENT-5 参照)

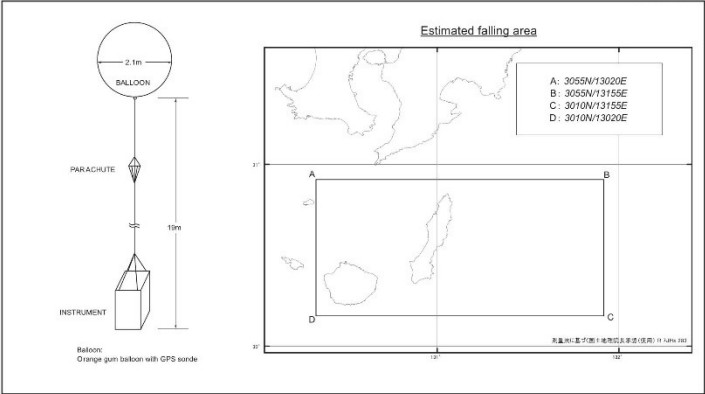
4. Releasing of balloons
Balloons for weather observation will be released.
(See ATTACHMENT-5)

Name of balloon		Releasing point	Diameter	Total WT	Total length	Estimated reaching ALT	Time for reaching 18,000m MSL after releasing	Floating time
Balloon	Orange gum balloon with GPS sonde	(1) 302241N 1305743E (2) 302241N 1305729E	2.1m	2.5kg	21m	36km	35min	210min

正確な放球日時等については追ってノータム RJJJ により通知される。

The exact releasing date and time etc. will be notified by further NOTAM RJJJ.

ATTACHMENT-5



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オリジナルノータム

2026-06-29 05:26

《抽出条件》

D/I : INTERNATIONAL
VALID/INVALID : VALID/INVALID
NOF : RJAAYNYX
FREWORD : SUP 073/26

120100 RJAAYNYX NOTAM EXPIRED
(N2721/26 NOTAMN
Q)RJJJ/QXXXX/1/M/A/000/999/3036N13100E005
A)RJFG B)2606120100 C)2606120324
E)TANEGASHIMA REVERSAL THREE DEPARTURE(RWY13) USABLE
ILS Z OR LOC RWY31 USABLE
HOLDING PROC ON TGE VOR/DME R347(COPIER ILS X OR LOC X RWY31) USABLE
HOLDING PROC ON TGE VOR/DME R152(COPIER VOR Y RWY13) USABLE
RMK: REF AIP SUP 073/26 ITEM 3.3-1(2))

120101 RJAAYNYX NOTAM EXPIRED
(01431/26 NOTAMN
Q)RJJJ/QXXXX/1/M/A/000/999/3023N13040E005
A)RJFC B)2606120101 C)2606120324
E)CEDAR ARRIVAL USABLE
HOLDING PROC ON CEDAR USABLE
RMK: REF AIP SUP 073/26 ITEM 3.3-1(2))

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オリジナルノータム

2026-06-29 05:26

300657 RJAAYNYX
(P2070/26 NOTAMN
Q)RJJJ/QXXXX/1V/M/E/000/999/3310N14118E999
A)RJJJ B)2604300656 C)2606301500
E)REF AIP SUP 073/26 (CHANGE TO READ)
3. UNUSABLE FLIGHT PROCEDURES ETC.
3-1. UNUSABLE FLIGHT PROCEDURES ETC.

CHANGE TO READ

(2) FROM 10 MINUTES PRIOR TO THE ROCKET LAUNCH UNTIL THE PASSAGE OF
THE ROCKET FROM THE AREA OF 2.(2) IS IDENTIFIED:

DELETE TEXT

7) AWY
A339(BTN SABGU AND KEITH)
R584(BTN SALVA AND KEITH)
R595(BTN SALVA AND KEITH)

ADD IN TEXT

(3) FROM 10 MINUTES PRIOR TO THE LAUNCH UNTIL THE IMPACT OF THE 1ST
STAGE MAIN ENGINE:
CANCELLATION OF THE UNUSABLE AWY AND RNAV5 ROUTE WILL BE NOTIFIED BY
FURTHER NOTAM RJJJ.
(FOR RNP10 AIRCRAFT AND NON-RNP10 AIRCRAFT)
A339(BTN SABGU AND KEITH)
R584(BTN SALVA AND KEITH)
R595(BTN SALVA AND KEITH))

100636 RJAAYNYX NOTAM REPLACED BY P2799/26
(P2734/26 NOTAMN
Q)RJJJ/QWMLW/1V/BO/W/000/999/3310N14118E999
A)RJJJ B)2606100636 C)2606120324EST
E)ROCKET H3-P6 WILL BE LAUNCHED
LAUNCHING DATE AND TIME : BTN 2606120053 AND 2606120253
RMK: REF AIP SUP 073/26 ITEM 1,2,3
F)SFC G)UNL.)

オリジナルノータム
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2026-06-29 05:26

120056 RJAAANYX
(P2799/26 NOTAMR P2734/26
Q)RJJJ/QWMLW/IV/BO/W/000/999/3310N14118E999
A)RJJJ B)2606120055 C)2606120324EST
E)ROCKET H3-P6 WAS LAUNCHED AT 0053
RMK: REF AIP SUP 073/26 ITEM 1,2,3
F)SFC G)UNL)

NOTAM CANCELED BY P2802/26

120059 RJAAANYX
(P2800/26 NOTAMN
Q)RJJJ/QXXXX/IV/BO/W/000/999/3310N14118E999
A)RJJJ B)2606120058 C)2606120324
E)FLIGHT AVOIDANCE CNL
RMK: REF AIP SUP 073/26 ITEM 2
F)SFC G)UNL)

NOTAM EXPIRED

120103 RJAAANYX
(P2801/26 NOTAMN
Q)RJJJ/QXXXX/IV/BO/W/000/999/3310N14118E999
A)RJJJ B)2606120102 C)2606120324
E)FLW DIRECT ROUTE, AWY, RNAVS ROUTE, EN-ROUTE HOLDING USABLE
DIRECT ROUTE : TGE VOR/DME - CEDAR
AWY : B597(BTN TGE AND ANREM)
G339(BTN TGE AND AGIKA)
A339(BTN SABGU AND KEITH)
R584(BTN SALVA AND KEITH)
R595(BTN SALVA AND KEITH)
RNAVS ROUTE : Y208(BTN LUKRA AND SASIK)
Y53 (BTN VEGAR AND OMUSU)
Y535(BTN ASTAK AND KALGU)
EN-ROUTE HOLDING : OMUSU
RMK: REF AIP SUP 073/26 ITEM 3.3-1(2)
F)SFC G)UNL)

NOTAM EXPIRED

120128 RJAAANYX
(P2802/26 NOTAMC P2799/26
Q)RJJJ/QWMLW/IV/BO/W/000/999/3310N14118E999
A)RJJJ B)2606120128
E)LAUNCH OF ROCKET H3-F6 WAS COMPLETED
RMK: REF AIP SUP 073/26 ITEM 1,2,3)

オリジナルノータム
PAGE: 004
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120645 RJAAANYX
(Q1383/26 NOTAMN
Q)RJJJ/QXXXX/IV/M/E/000/999/3310N14118E999
A)RJJJ B)2606120644 C)2606301500
E)REF AIP SUP 073/26 (CHANGE TO READ)
NO LONGER IN FORCE
LAUNCH OF ROCKET H3-F6 WAS COMPLETED)

070534 RJAAANYX
(R0646/26 NOTAMN
Q)RJJJ/QWLLW/IV/M/W/000/999/3310N14118E999
A)RJJJ B)2606072250 C)2606080910
E)WX OBS BALLOON WITH GPS SONDE
1. NAME OF BALLOON : BALLOON
2. RELEASING POINT : 302241N1305729E
(KUMAGE-GUN IN KAGOSHIMA)
(TANEGASHIMA-UCHU-CENTER IN KAGOSHIMA)
3. RELEASING TIME : 07TH 2250 2300 2325 2335
08TH 0000 0010 0420 0430 0455 0505 0530 0540
4. FLOATING TIME : 210MIN
RMK: REF AIP SUP 073/26 ITEM 4
F)SFC G)118116FT AMSL)

NOTAM CANCELED BY R0656/26

110439 RJAAANYX
(R0675/26 NOTAMN
Q)RJJJ/QWLLW/IV/M/W/000/999/3310N14118E999
A)RJJJ B)2606111400 C)2606120603
E)WX OBS BALLOON WITH GPS SONDE
1. NAME OF BALLOON : BALLOON
2. RELEASING POINT : 302241N1305729E
(KUMAGE-GUN IN KAGOSHIMA)
(TANEGASHIMA-UCHU-CENTER IN KAGOSHIMA)
3. RELEASING TIME : 11TH 1400 2233 2243 2308 2318 2343 2353
12TH 0018 0028 0053 0103 0223 0233
4. FLOATING TIME : 210MIN
RMK: REF AIP SUP 073/26 ITEM 4
F)SFC G)118116FT AMSL)

NOTAM EXPIRED



Coordination for space object re-entry to ensure transparency in the demonstration of new technologies in R&D

Japan Aerospace Exploration Agency

About JAXA



Core implementing agency

that supports the Japanese government's aerospace development and utilization with technology

Research and Development agency

to conduct basic research to development and utilization in aerospace field

Funding agency

to support the R&D of private sector, universities, etc. through grant allocation

Hub

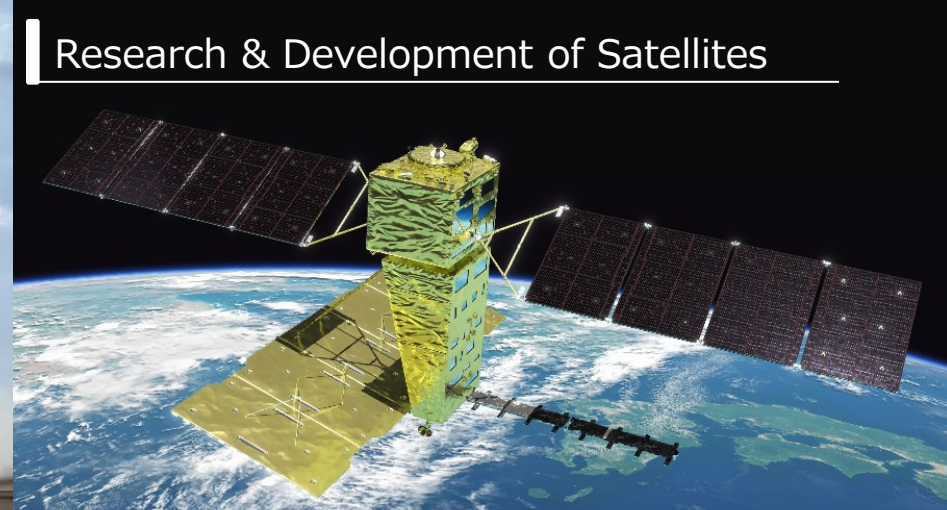
for all Japanese space stakeholders across industry-academia-government, and global partners

JAXA Missions

Space Transportation



Research & Development of Satellites



Human Spaceflight



Space Science and Exploration

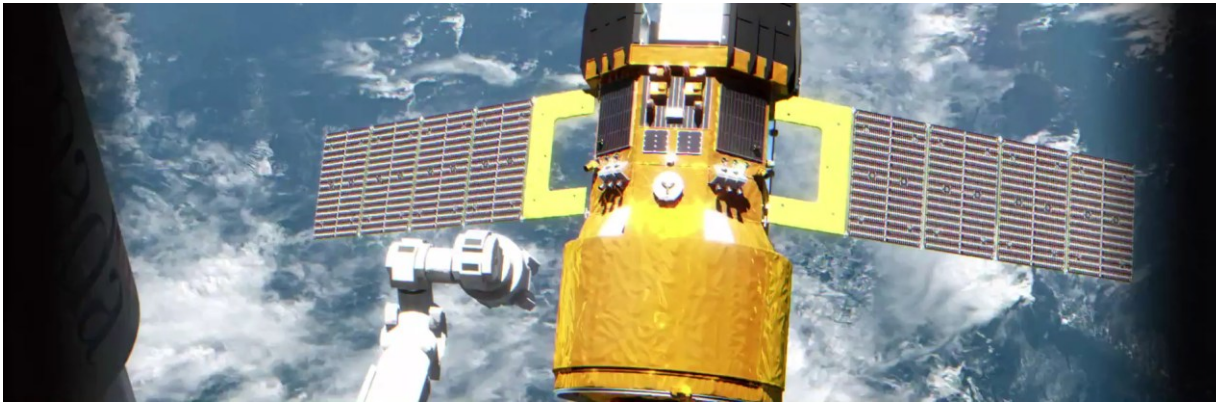


Aeronautics



Coordination for space object re-entry

HTV-X Re-entry to the South Pacific Ocean on May 26, 2026



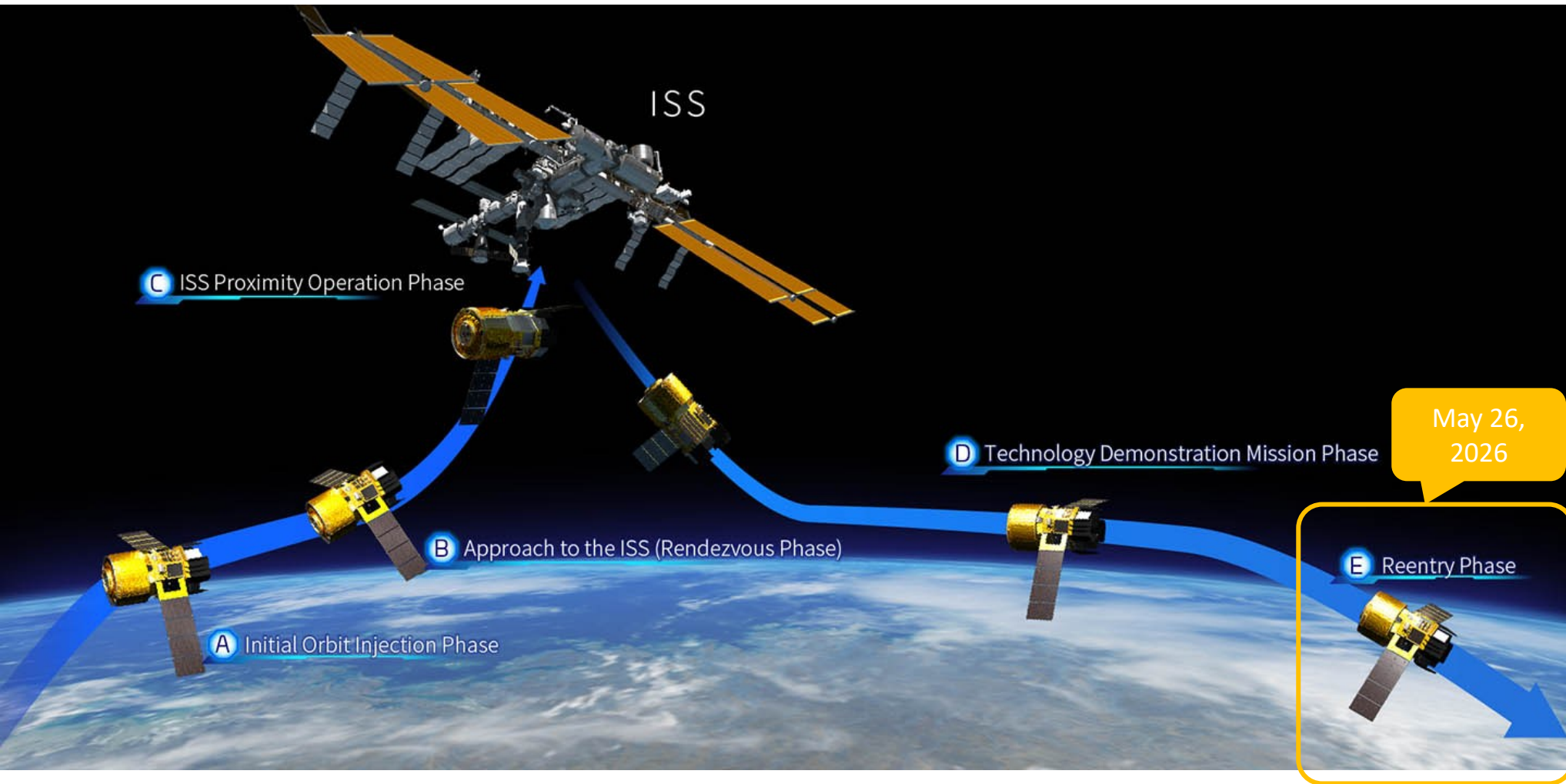
***Recovery of the HTV small Re-entry capsule
in waters near Minamitorishima Island on November 11, 2018***



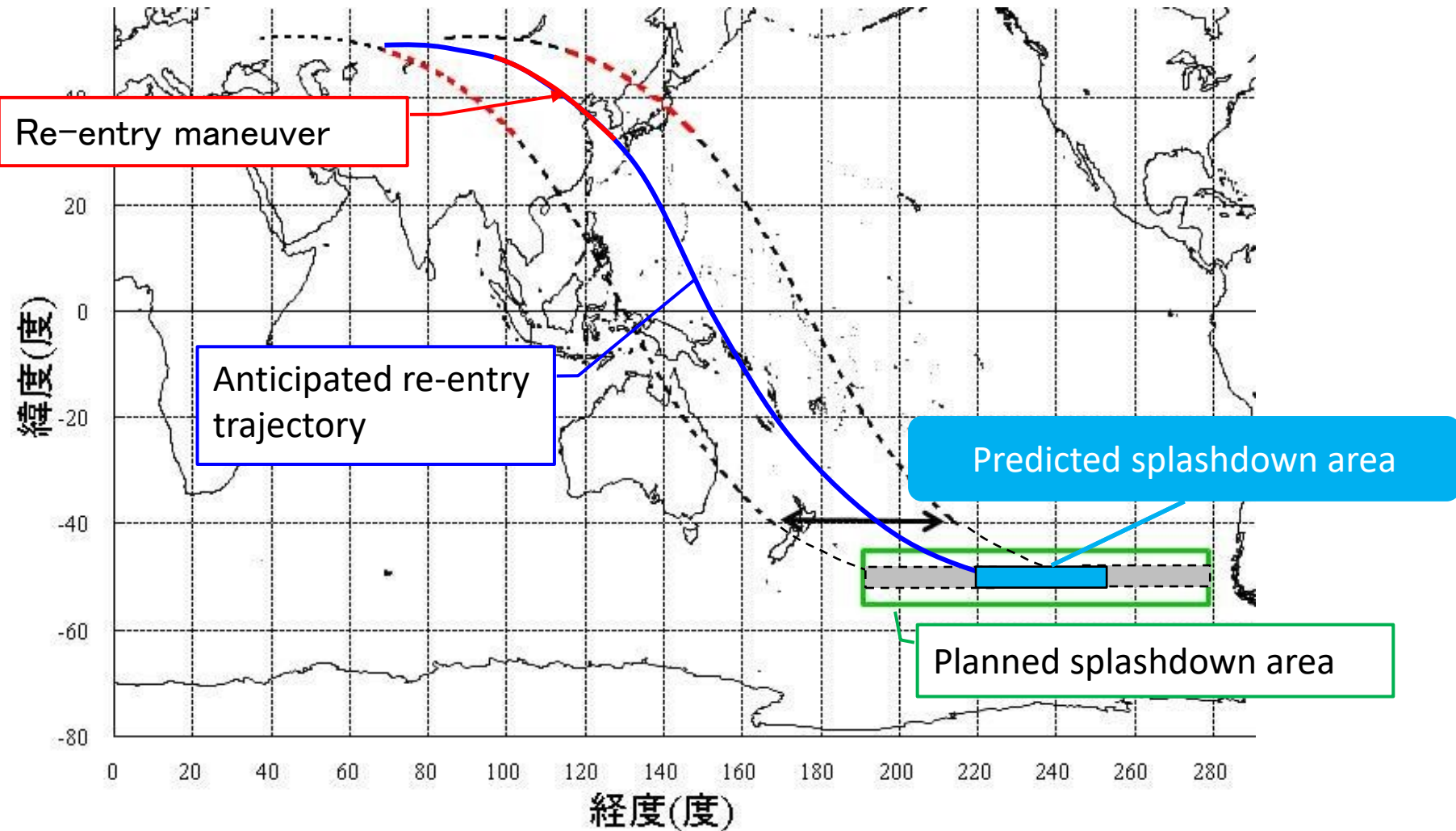
HTV-X Re-entry to the South Pacific Ocean on May 26, 2026



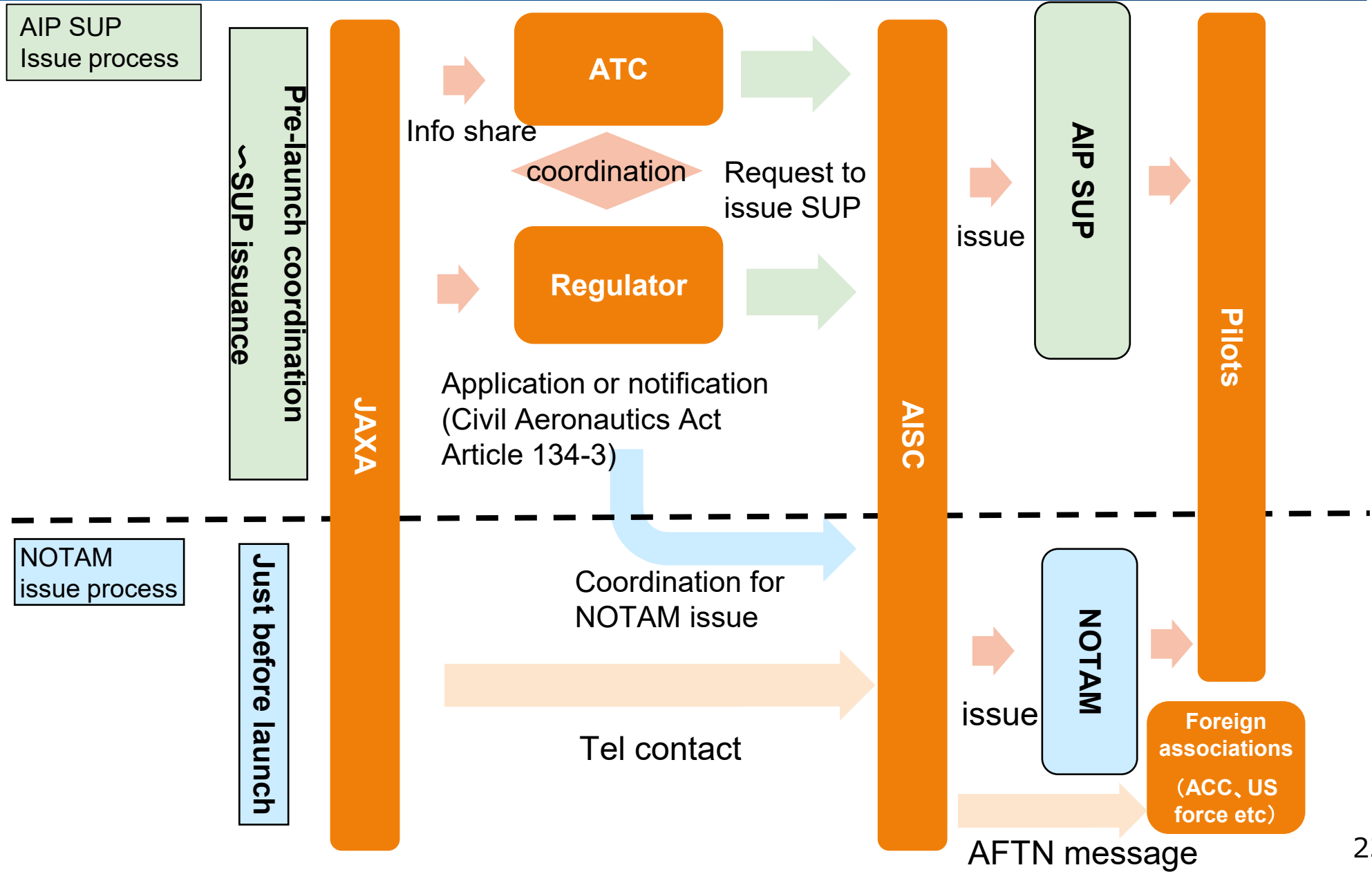
HTV-X, unmanned cargo transfer spacecraft



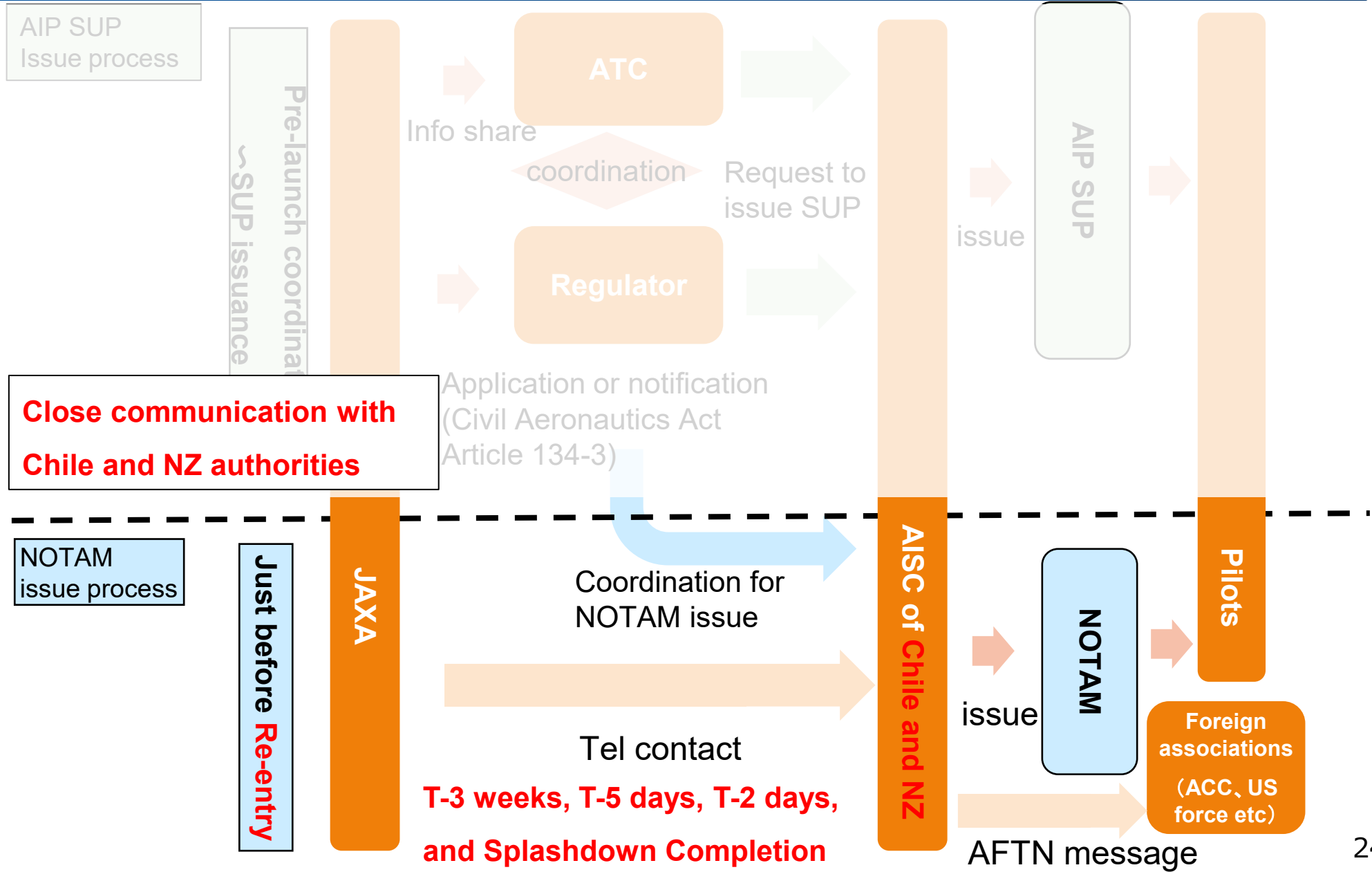
HTV-X Re-entry Area



International coordination for HTV-X Re-entry



International coordination for HTV-X Re-entry



Successful Controlled HTV-X Re-entry

Notification letter sample T-3 weeks

 Japan Aerospace Exploration Agency
Tsukuba Space Center
2-1-1 Sengen, Tsukuba-shi
Ibaraki 305-8505 Japan
www.jaxa.jp

April 27, 2026

To:

Dear Sir,
Please be informed that the cargo transfer spacecraft, HTV-X1 will be de-orbited and re-entered to the atmosphere on May 26, 2026, UT as nominal case, or on May 27, 2026, as back up case.

In the nominal case, debris might reach the sea surface on May 26, 2026 between 12h40m and 13h42m UT in the zone defined by the 4 following points:

Point 1 :	Latitude	Longitude
Point 2 :	Latitude	Longitude
Point 3 :	Latitude	Longitude
Point 4 :	Latitude	Longitude

In the backup case, debris might reach the sea surface on May 27, 2026 between 12h31m and 13h33m UT in the zone defined by the 4 following points;

Point 1 :	Latitude	Longitude
Point 2 :	Latitude	Longitude
Point 3 :	Latitude	Longitude
Point 4 :	Latitude	Longitude

NOTAM



Federal Aviation Administration

R0100/26 NOTAMN
Q)SCIZ/QRDCA/IV/BO/W/000/999/5000S11800W715
A)SCIZ B)2605261240 C)2605271333
D)26 1240-1342, 27 1231-1333
E)
ZONE ...D... SECT WEST PACIFIC DUE TO HTV-X1 WILL BE RE- ENTERED TO
THE ATMOSPHERE

<https://notams.aim.faa.gov/notamSearch/createNotamPdf?transactionid=80909401>

Prompt communication through JAXA's website and SNS after splashdown

← ポスト ...

 JAXA(Japan Aerospace Expl...
@JAXA_en

翻訳を表示
[Press Release]

Successful Controlled Re-entry of HTV-X1

 JAXA | Successful Controlled Re-entry of HTV-X1
global.jaxa.jp

11:06 · 2026/05/27 · 4609 回表示

返信をポスト

Successful Controlled Re-entry of HTV-X1

May 27, 2026 (JST)

Japan Aerospace Exploration Agency

HTV-X1 successfully re-entered the atmosphere after its final de-orbit maneuver at around 22:44 on May 26, 2026 (JST). It successfully accomplished its primary objectives of transporting cargo to the International Space Station (ISS) and serving as a technology demonstration platform.

The estimated date/time of HTV-X1 re-entry and splashdown are as follows (JST):

Estimated re-entry^{*1}:

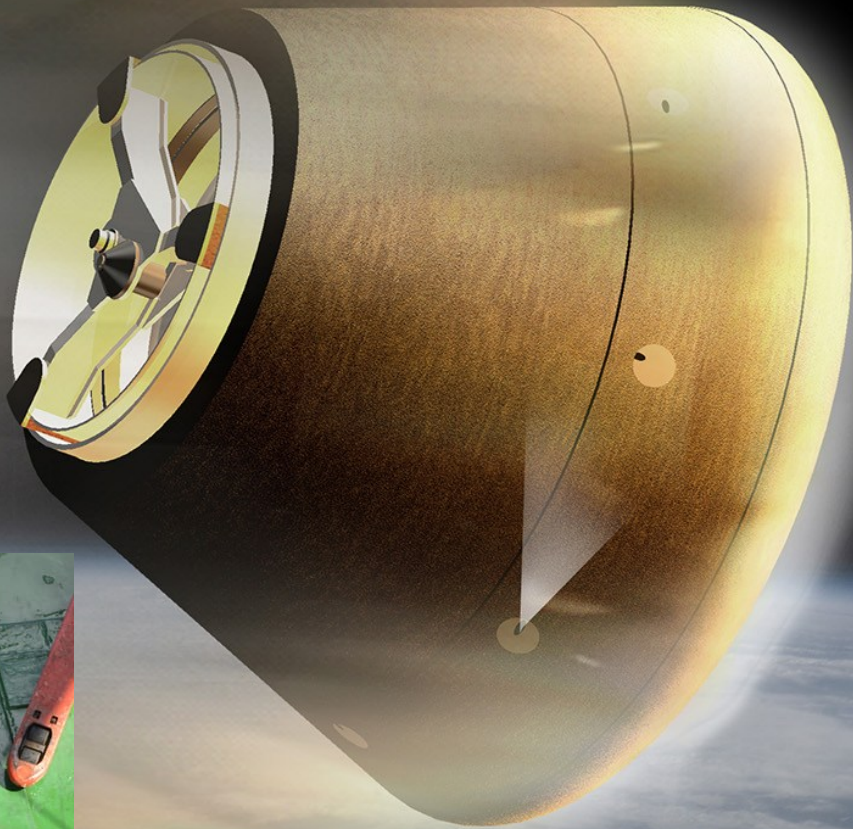
May 26, 2026 / around 23:09 (JST)

Estimated splashdown:

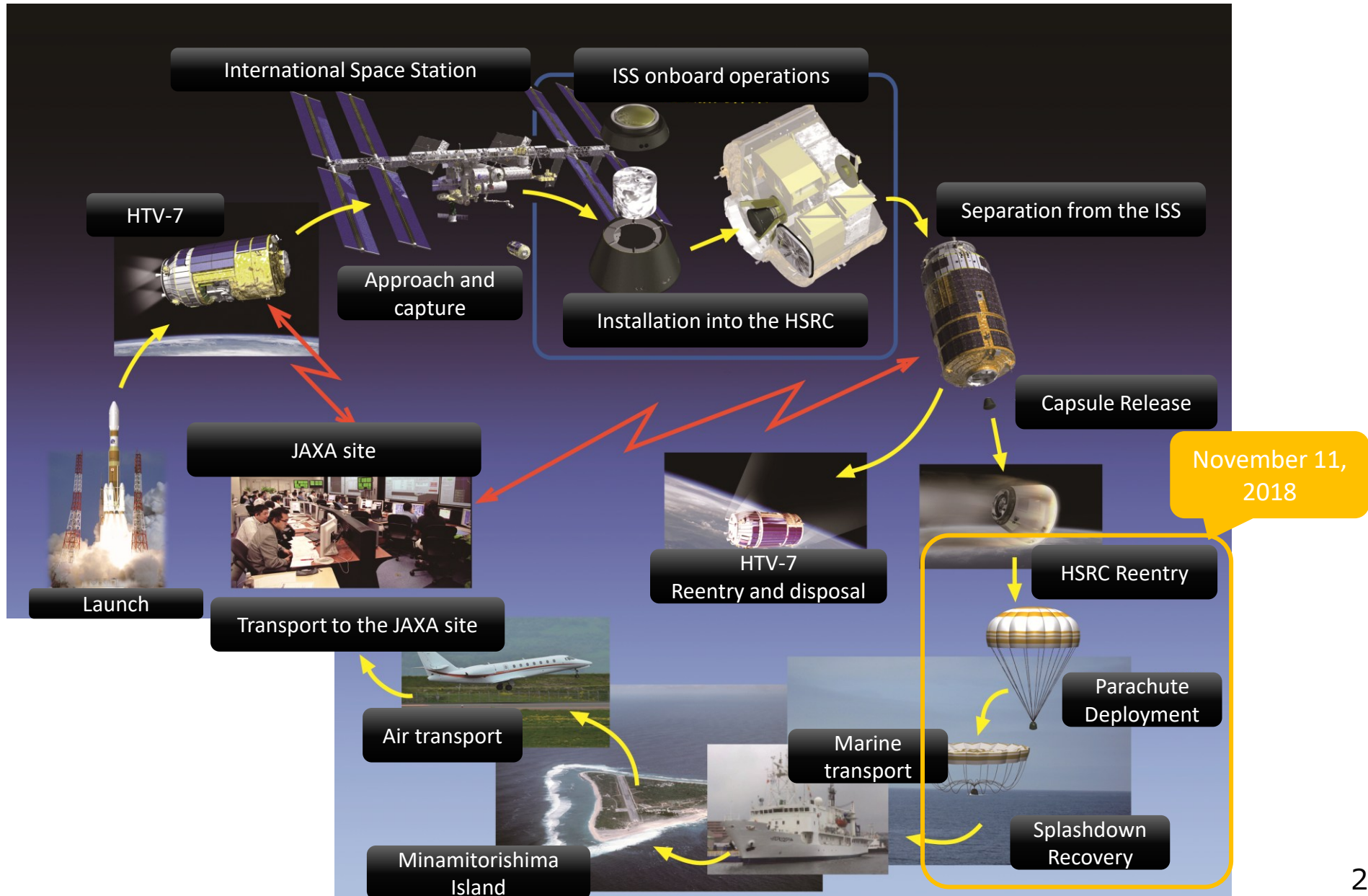
May 26, 2026 / around 23:09 ~ May 27, 2026 / around 00:09 (JST)

^{*1}: Altitude at 120 km

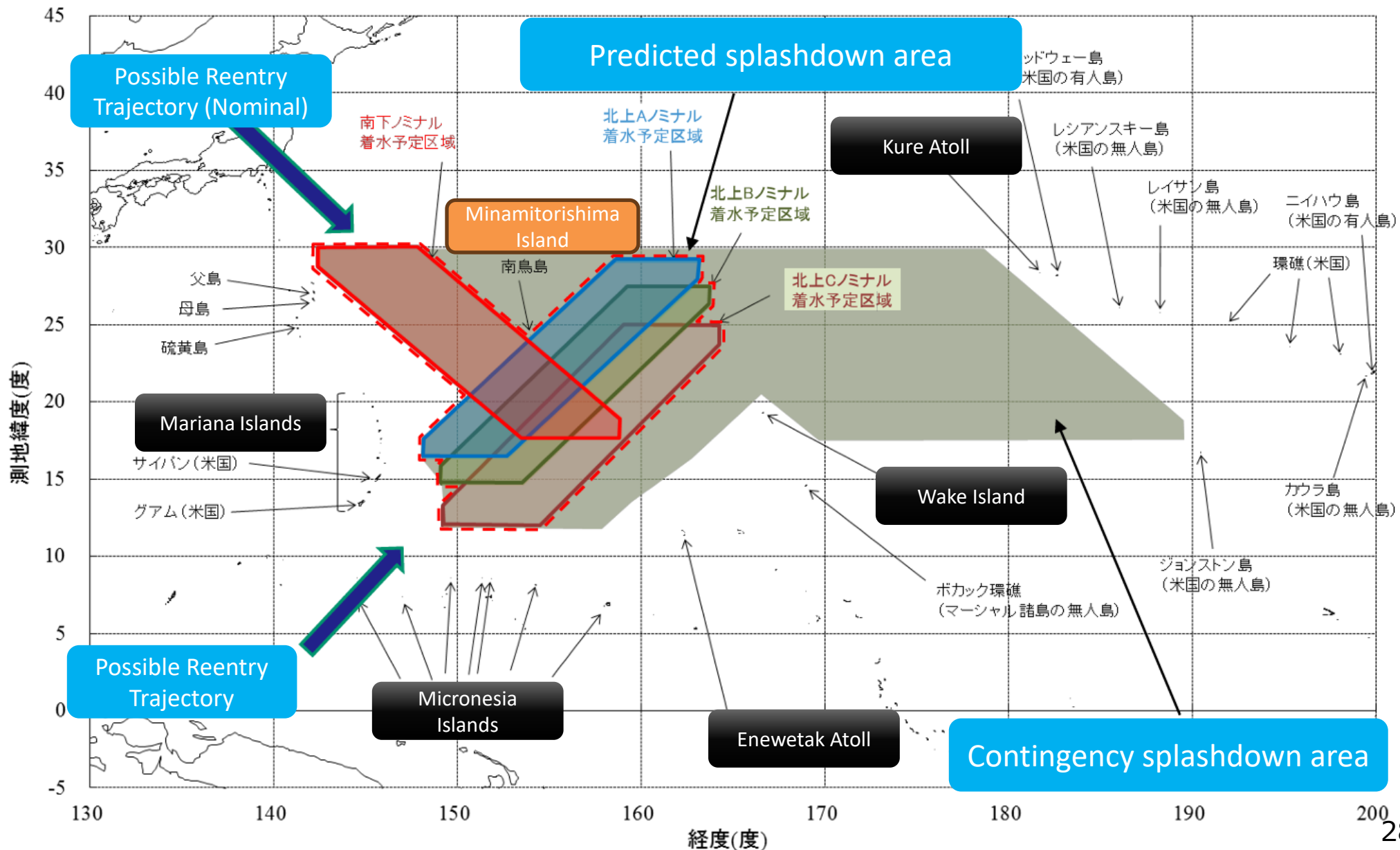
Recovery of the HTV Small Re-entry Capsule in waters near Minamitorishima Island on November 11, 2018



HTV Small Re-entry Capsule (HSRC)



HSRC Re-entry Area

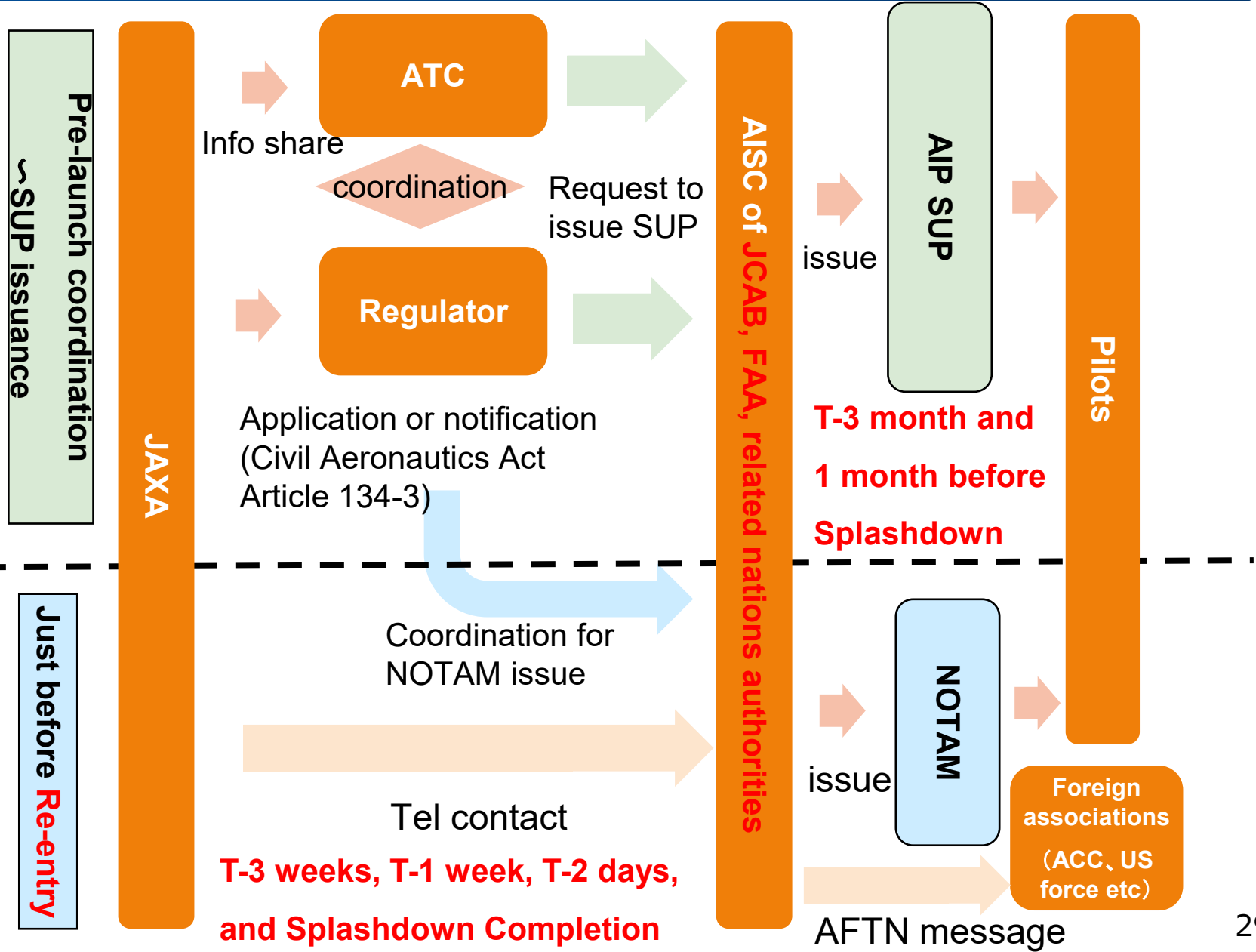


Coordination for HSRC Re-entry

AIP SUP
Issue process

Close communication with JCAB, U.S. FAA and related nations' authorities from the early stages of splashdown area planning

NOTAM
issue process



Successful Controlled Re-entry

Tel: +81-476-33-5811
Fax: +81-476-33-5509
AFTN: RJAA/NYX
E-mail:
helpdesk@ais.mlit.go.jp

JAPAN
MINISTRY OF LAND, INFRASTRUCTURE,
TRANSPORT AND TOURISM
CIVIL AVIATION BUREAU
AERONAUTICAL INFORMATION SERVICE CENTER

AIP SUP

NR160/18
11 OCT 2018

160/18

宇宙ステーション補給機 (HTV7) 及び小型回収カプセルの落下並びに航空路の使用制限等について

宇宙航空研究開発機構のロケット (H-IB) により打ち上げられた宇宙ステーション補給機 (HTV7) 及び小型回収カプセルが落下 (再突入) し、それに伴う航空路の使用制限等が次のとおり実施される。

■ 本航空路誌補足版発行と同時に平成 30 年 8 月 16 日付航空路誌補足版 NR132/18 を取り消す。

160/18

Restricted Airways due to Re-entry of HTV7 and HTV Capsule, etc.

The HTV7* and an HTV capsule which will be launched by the Japan Aerospace Exploration Agency (JAXA) rocket (H-IB) will re-entry the Earth atmosphere. Some AWYs will be restricted to make way for the re-entry.

This AIP SUP supersedes AIP SUP NR132/18 dated 16 AUG 2018.

* HTV7: H-II Transfer Vehicle 7 (Japan's cargo transfer vehicle to the International Space Station)

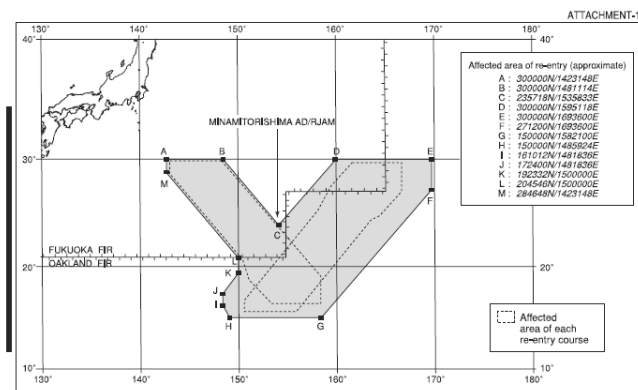
1. HTV7 及び小型回収カプセルの落下について
(1) 落下予定日時

落下物体 Re-entry objects	落下予定日 Estimated re-entry date	落下予定時間 * Estimated re-entry time*
HTV7 および小型回収カプセル HTV7 and HTV capsule	平成 30 年 11 月 1 日から 平成 30 年 12 月 31 日までの間 Between 1 NOV 2018 and 31 DEC 2018	To be issued by NOTAM

* 落下予定時間は、最初の落下物が高度 18km を通過する時刻から全落下物が着水するまでの時刻である。

* 正確な落下日時は、落下日の 7 日前までにノータム RJJJ により通知される。(ノータムは福岡 FIR 内が詳細な落下区域に含まれる場合にのみ発行する。)

- (2) HTV7 及び小型回収カプセルの落下予定区域



1

11/10/18

注 1: 詳細な落下区域は、落下日の 7 日前までにノータム RJJJ により通知される。(ノータムは福岡 FIR 内が詳細な落下区域に含まれる場合にのみ発行する。)

注 2: HTV7 等が高度 18km を通過する区域は、落下区域と同じである。

2. 航空路の使用制限及び飛行計画経路について

HTV7 等の落下に伴い、以下に示す航空路は使用できない場合がある。

・航空路

HTV7 等の落下に伴い、以下に示す航空路は使用できない場合がある。
「A337 (Between DAGDA and SAGOP)」
「B452 (Between TONIK and ATIGO)」
「G223 (Between TONIK and RISBA)」

注: 使用制限する航空路、その経路及びその際に計画された飛行計画経路については、適ってノータム RJJJ により通知される。(ノータムは福岡 FIR 内が詳細な落下区域に含まれる場合にのみ発行する。)

Note 1: The affected area will be announced by NOTAM RJJJ at least seven days prior to re-entry. (We will issue a NOTAM with further details only if it affects Fukuoka FIR.)

Note 2: The area shows where the objects come 18km AMSL and are in water.

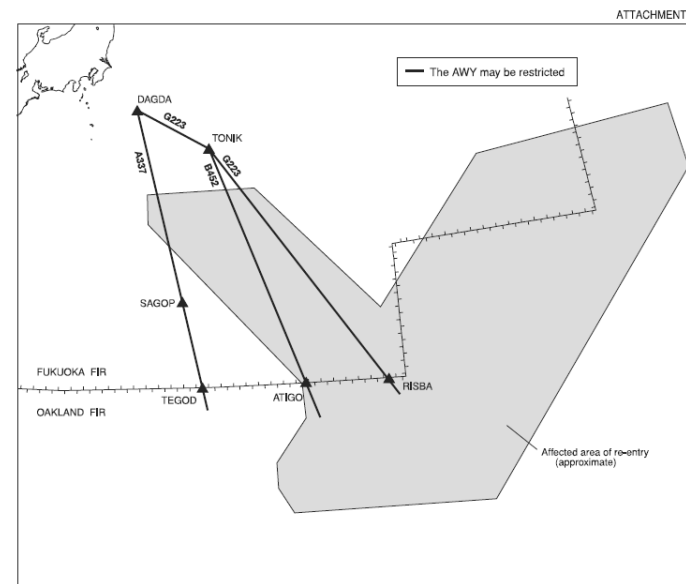
2. Restricted AWYs and Flight Planned route

Following AWYs may be restricted due to the re-entry of the HTV7 and its accompanying capsule.

・AWYs

「A337 (Between DAGDA and SAGOP)」
「B452 (Between TONIK and ATIGO)」
「G223 (Between TONIK and RISBA)」

Note: The NOTAM will be issued with further details: exact portion of the AWYs, approximate time of restriction, and requested flight planned route. (We will issue a NOTAM with further details only if it affects Fukuoka FIR.)



2

11/10/18

AIP SUP issued in October, 2018

