

3/20/2026

ISPACG Hazard Area Tabletop

KZAK International Airspace & Procedures



Federal Aviation
Administration

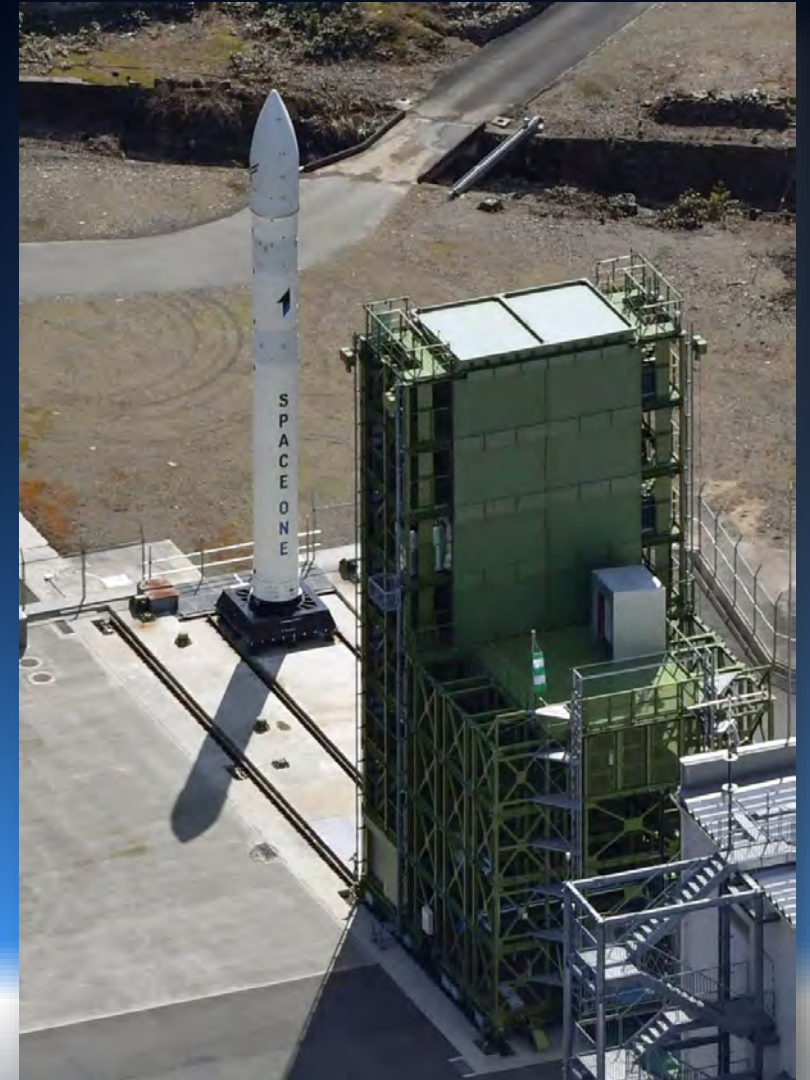
Discussion Items

- Notification about upcoming Hazard Areas (HA)
- Identify the impact the HA will have on traffic
- Identify affected common traffic flows
- Identify affected surrounding FIRs/ANSPs
- Pass information to affected dispatch teams
- Publish NOTAM

Space One “KAIRO”

Planned launch March 2026

Canceled due to unfavorable weather



DETOUR ROUTE due to KIROS ROCKET LAUNCH

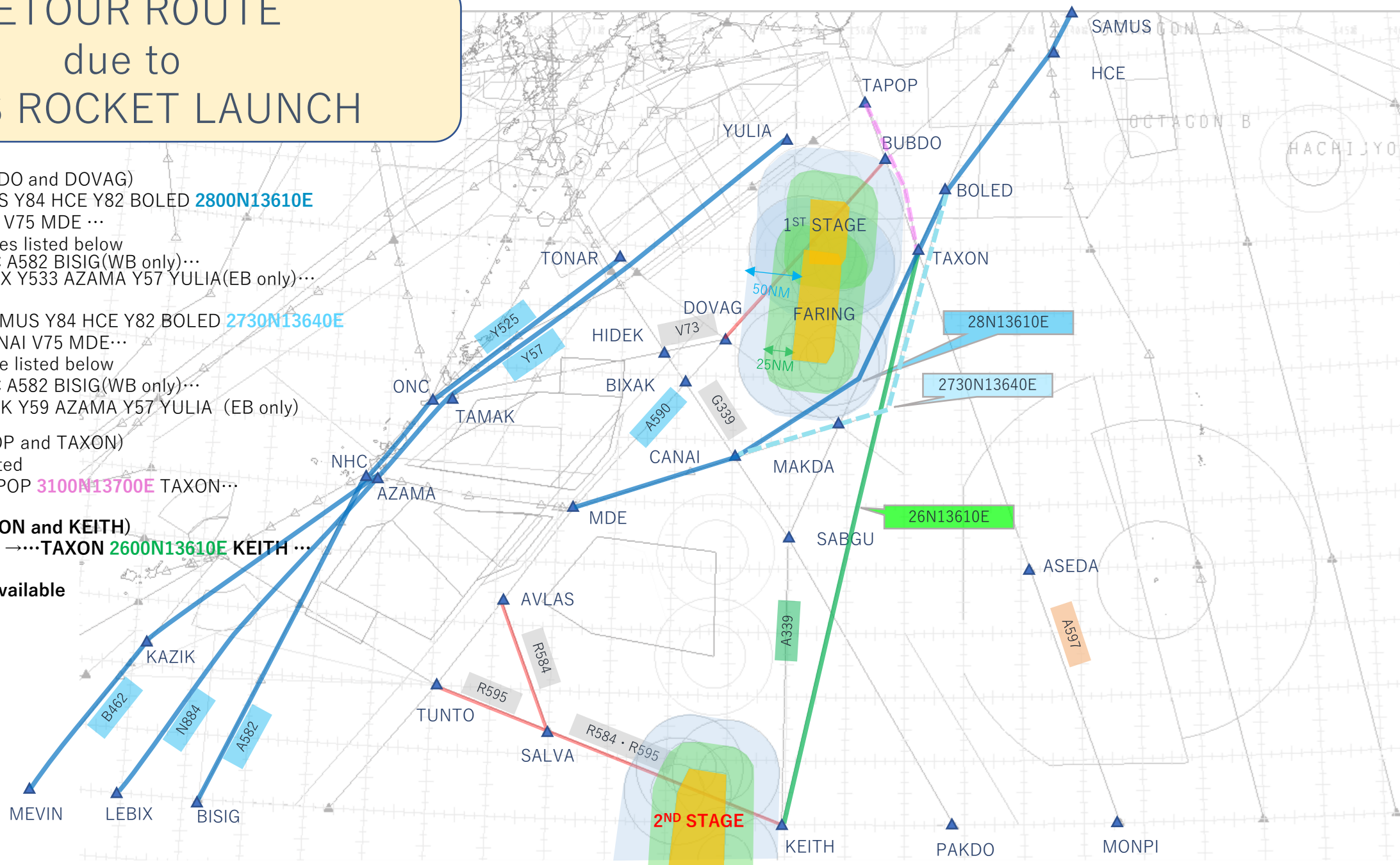
- A590(between BUBDO and DOVAG)
for RNP10 →...SAMUS Y84 HCE Y82 BOLED **2800N13610E**
CANAI V75 MDE ...
or the domestic routes listed below
...TONAR Y525 ONC A582 BISIG(WB only) ...
...LEBIX N884 ALBAX Y533 AZAMA Y57 YULIA(EB only) ...

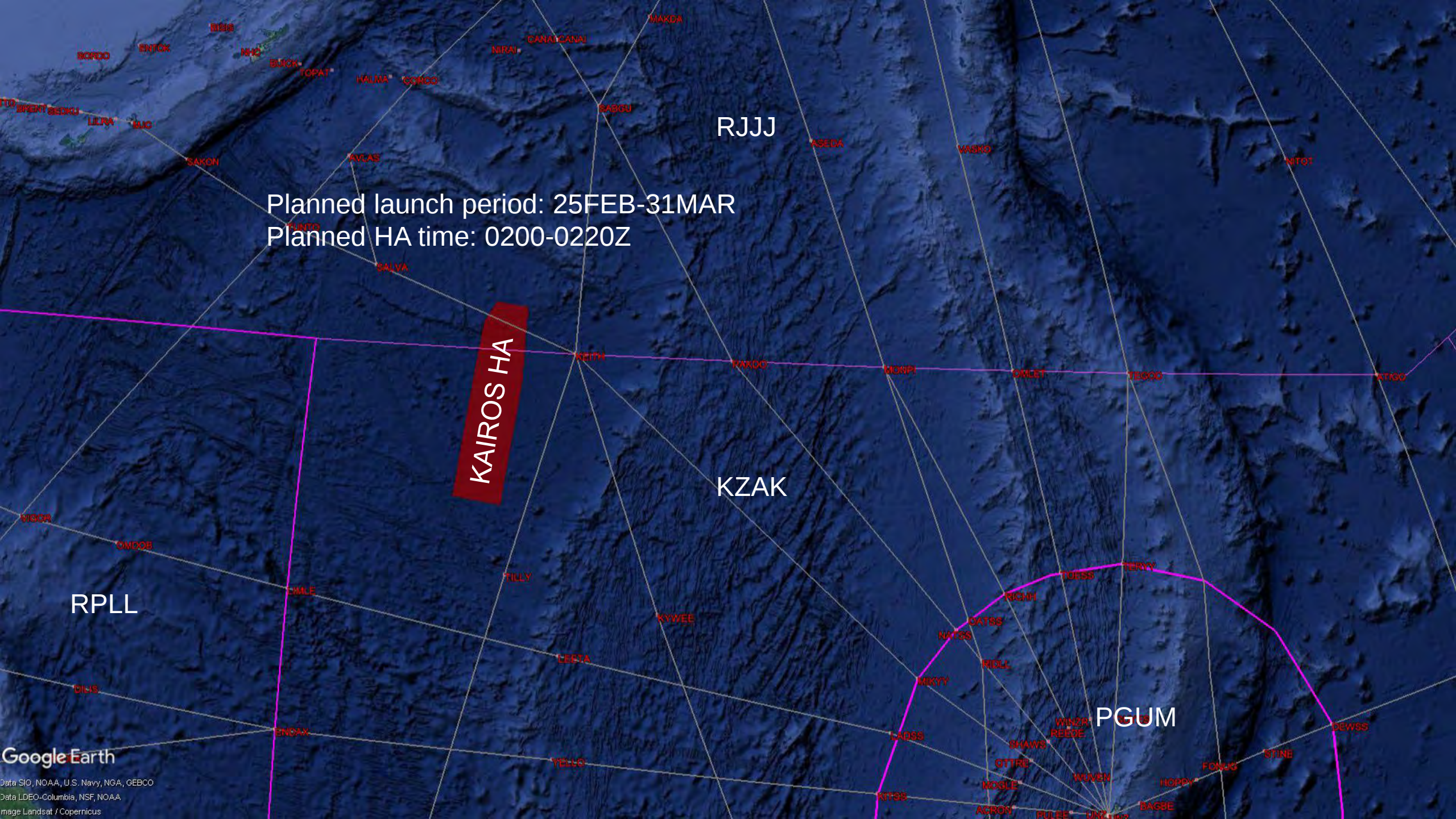
for non RNP10 →...SAMUS Y84 HCE Y82 BOLED **2730N13640E**
CANAI V75 MDE ...
or the domestic route listed below
...TONAR Y525 ONC A582 BISIG(WB only) ...
...MEVIN B462 KAZIK Y59 AZAMA Y57 YULIA (EB only)

- A597(between TAPOP and TAXON)
for RNP10 →not affected
for non RNP10 →...TAPOP **3100N13700E** TAXON...

- **A339(between TAXON and KEITH)**
for RNP10 & non RNP10 →...TAXON **2600N13610E** KEITH ...

- R584、R595→not available





RJJJ

Planned launch period: 25FEB-31MAR
Planned HA time: 0200-0220Z

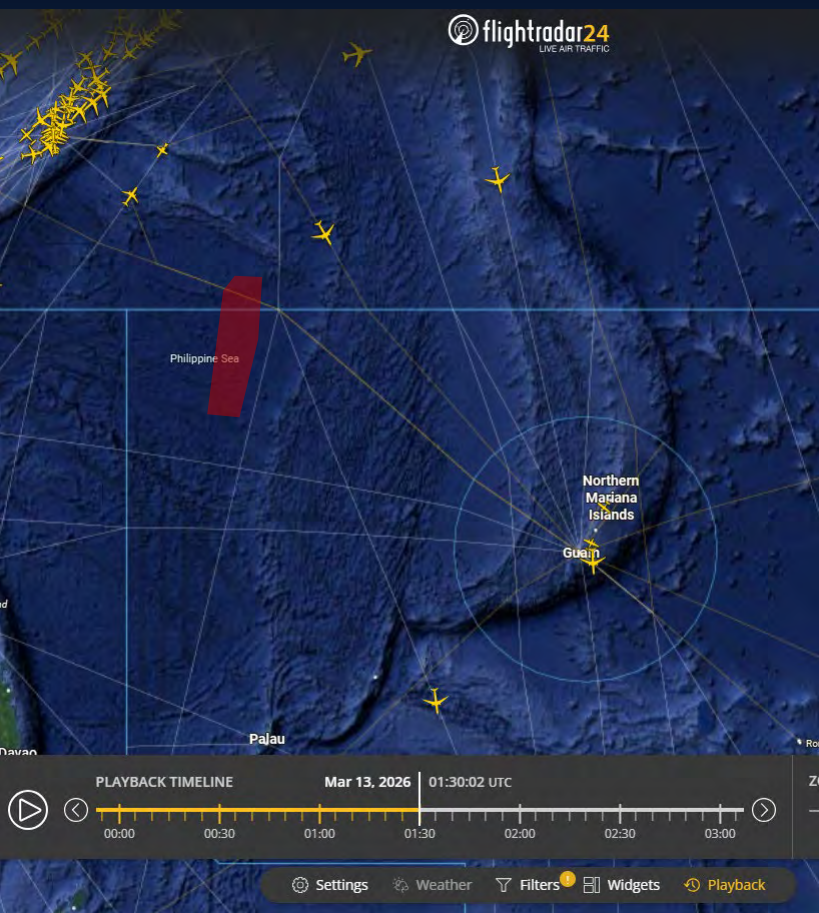
KAIROS HA

KZAK

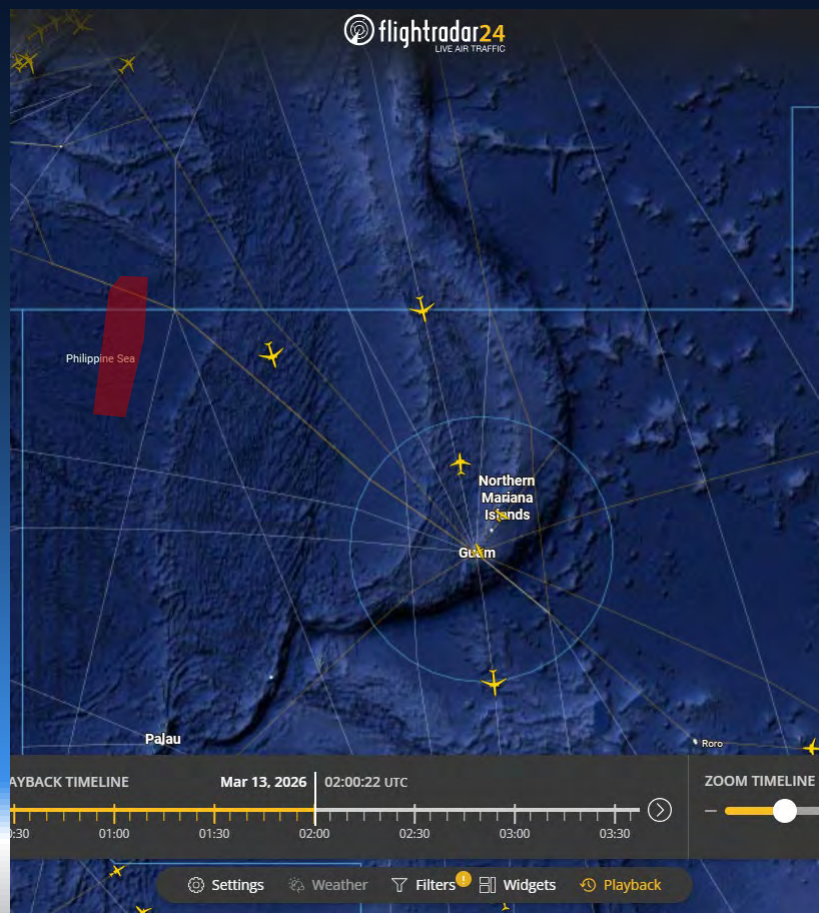
RPLL

PGUM

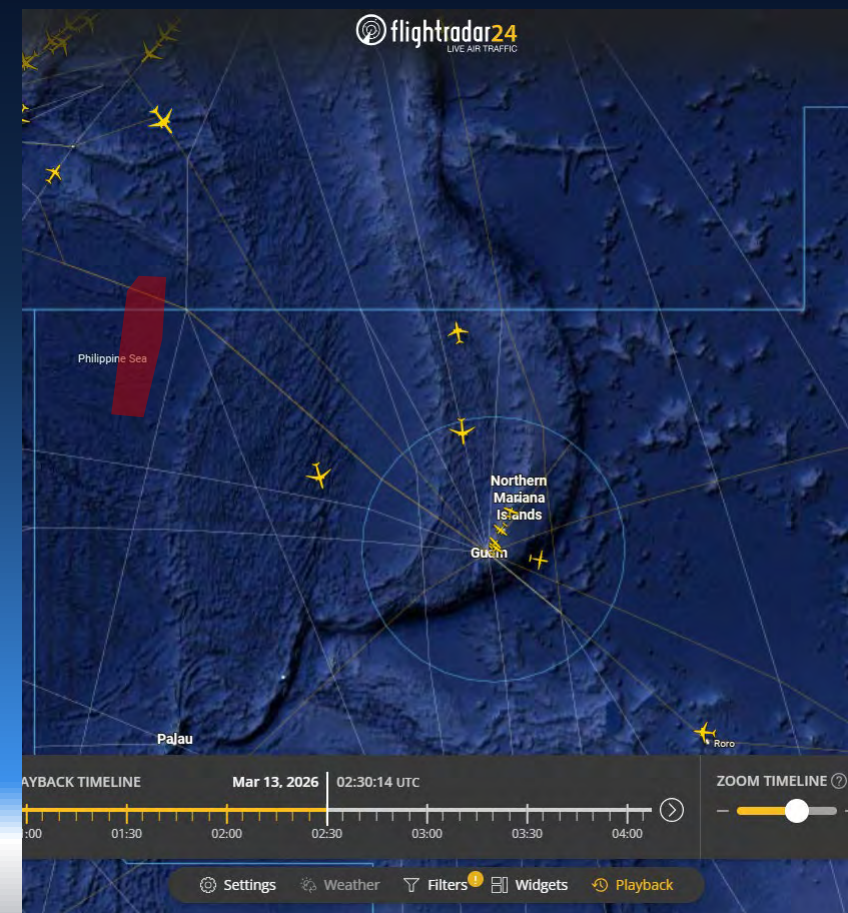
0130Z



0200Z



0230Z



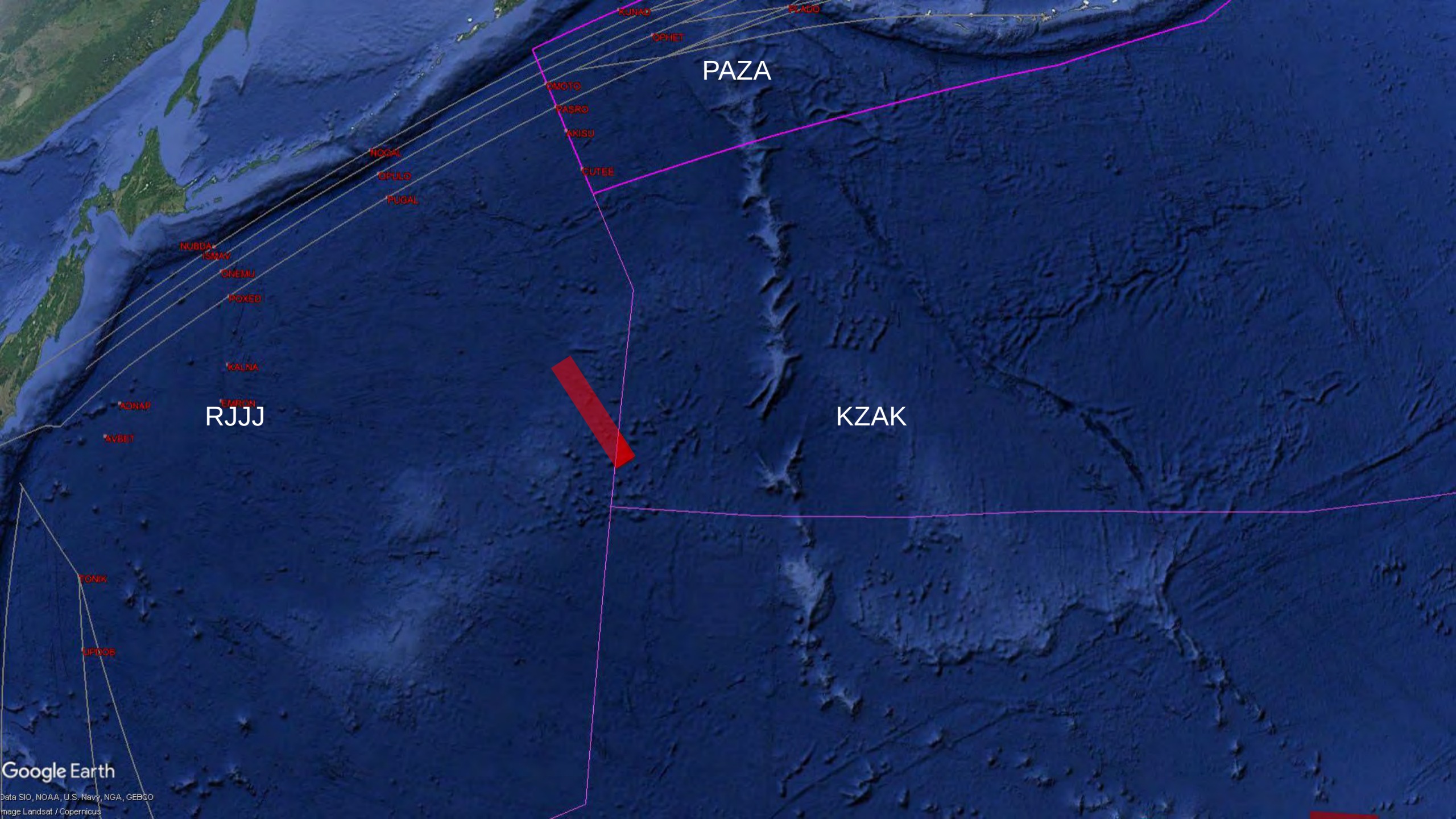
ROSCOMOS MS-31 CARGO DE-ORBIT

01GGNC01DK
NCS359 RC=01
GG KDZZNAXX KDCAYNYX
161024 UUUWYWYX
DEAR COLLEAGUES, THIS IS TO INFORM YOU THAT STATE SPACE CORPORATION 'ROSCOSMOS' PLANS TO DOWN A RUSSIAN CARGO SPACESHIP FROM THE ORBIT AND SINK ITS FRAGMENTES IN WATERS OF PACIFIC OCEAN:
27 MARCH 10:30 - 13:30 UTC
ALT.DATE 28-31 MARCH 10:30 - 13:30 UTC.
CHARACTERISTICS OF IMPACT AREA:
390351N1650000E
382048N1653841E
375839N1650000E
390351N1650000E
PURSUANT TO ICAO ANNEXES 11 AND DOC 10066, YOU ARE KINDLY REQUESTED TO ISSUE INTERNATIONAL NOTAM TO TEMPORARILY CLOSE ABOVE AREA FOR FLIGHTS AT ALL ALTITUDES (SFC-UNL). ANY CHANGES TO THE SCHEDULE WILL BE FORWARDED TO YOU IMMEDIATELY.
PLEASE SEND THE ISSUED NOTAM TO:
E-MAIL: MC.NAVIGATOR AT MATFMC.RU
AFTN: UUUWYWYX
FAX: +7 495 6010797
THANK YOU FOR COOPERATION
MAIN AIR TRAFFIC MANAGEMENT CENTER OF RUSSIA.

CNS001I MESSAGE CONTAINS NO TRANSACTION IDENTIFIER

<https://news.cgtn.com/news/2026-03-17/Russia-s-Progress-MS-31-cargo-spacecraft-completes-mission-1LA8HpRUHuw/p.html>





PAZA

KZAK

RJJJ

1000Z



1100Z

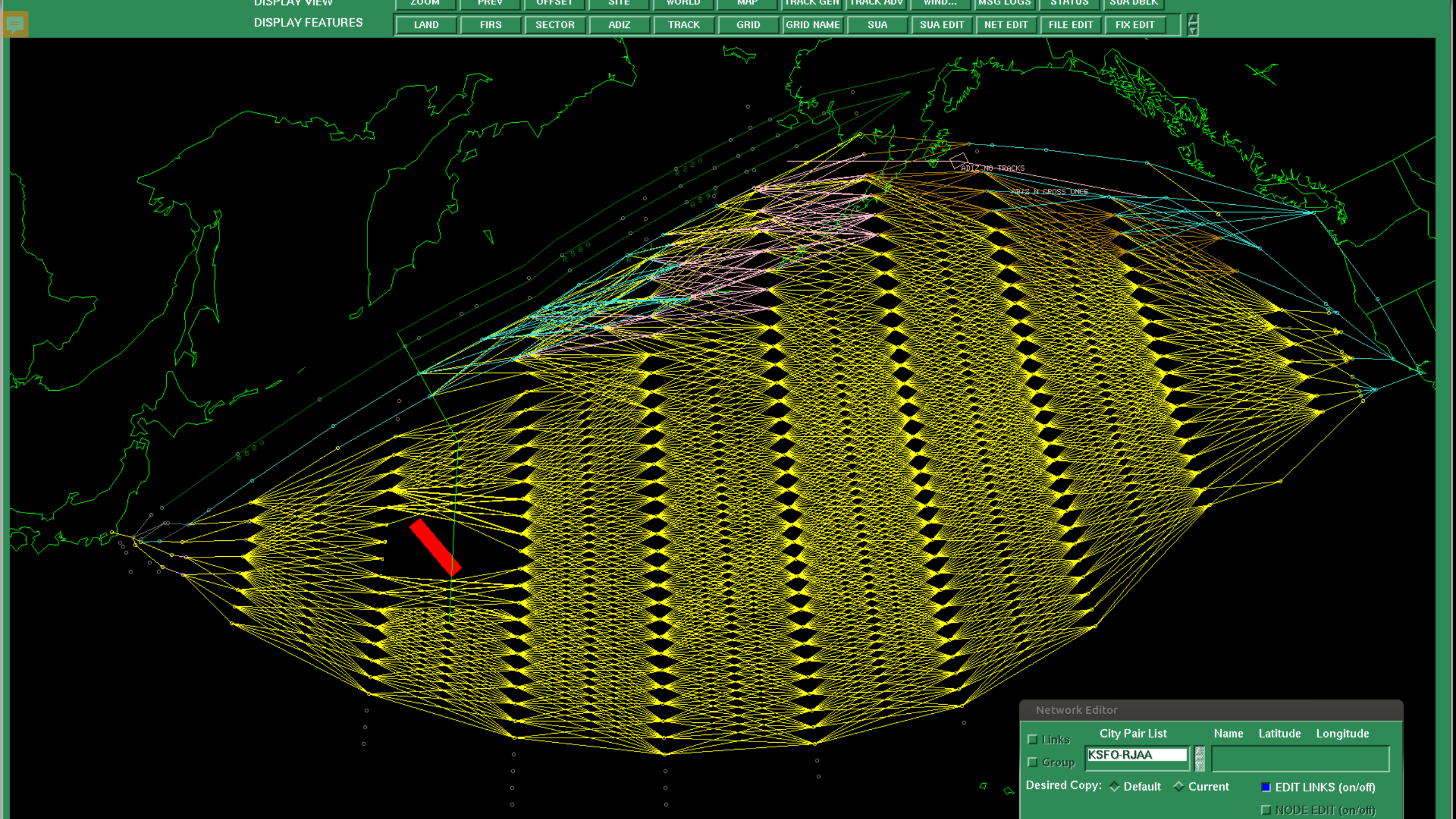


1200Z



1300Z





Andøya Spaceport

New spaceport in Norway

First launched Isar Rocket March 2025

Second launch planned March 2026



Notification from Launch Coordinator

- This is an example of what we receive.
- Date window
- Times affected
- Coordinates of HA

Consultation of a danger area for Mission 2 orbital launch

On behalf of Andøya Space, I am writing to inform you of a temporary hazard area in the Pacific Ocean that might affect flight operations within Oakland Oceanic FIR. Isar Aerospace is planning an orbital launch of the Spectrum launch vehicle from Andøya Spaceport during the period of March 19 to March 28. Debris from the launch will splash down in Pacific Ocean. Andøya Space requests a temporary airspace hazard area to be established to mitigate risks associated with the launch.

Information on the launch:

- **Location:** Pacific Ocean
- **Effective dates/Times:** March 19 to March 28, 2026, daily from 2148 – 2245 UTC
- **Nature of Hazard:** rocket debris
- **Altitude limits:** SFC to UNL

1 Danger Area

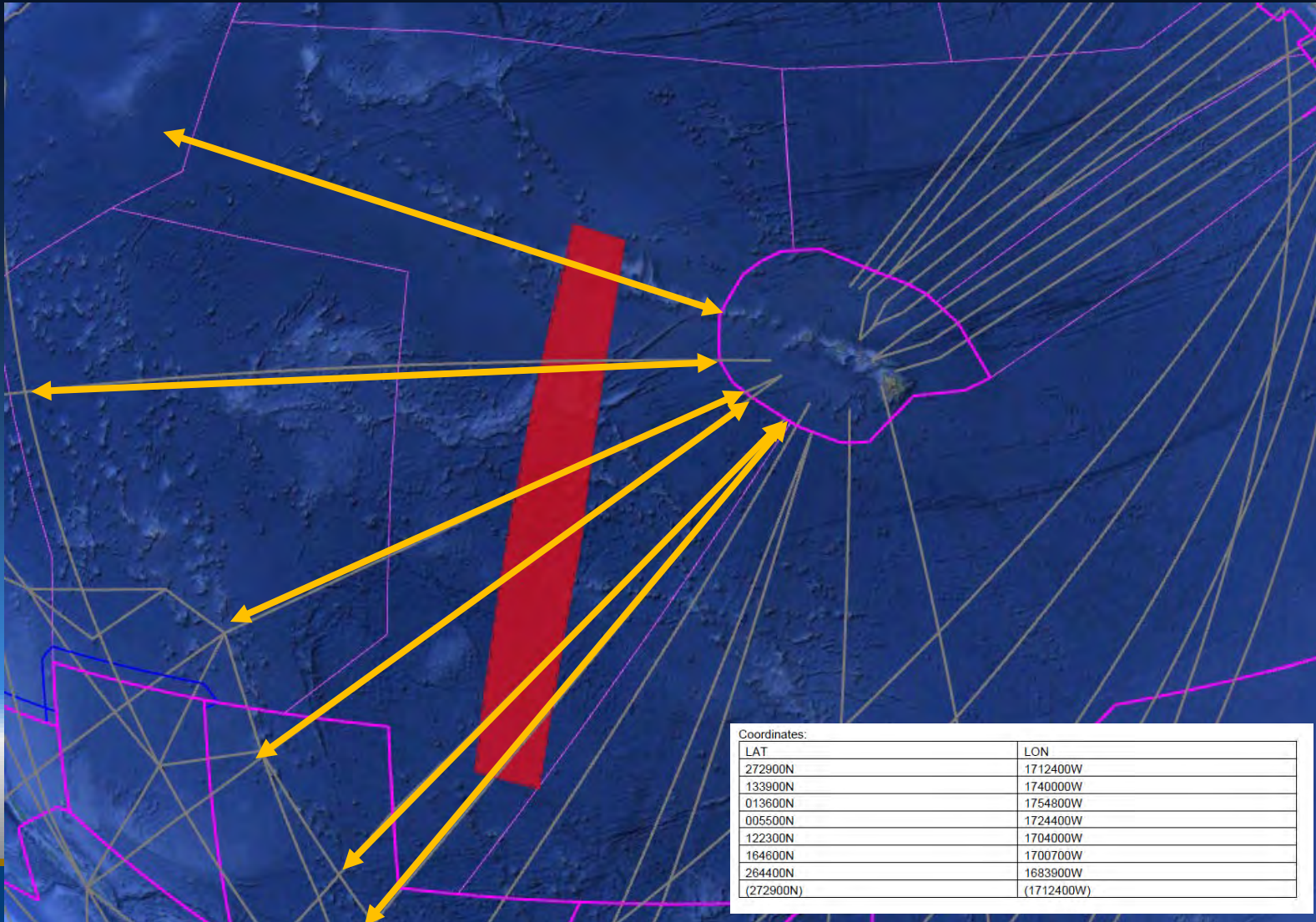
Area: AIR_S2

Coordinates:

LAT	LON
272900N	1712400W
133900N	1740000W
013600N	1754800W
005500N	1724400W
122300N	1704000W
164600N	1700700W
264400N	1683900W
(272900N)	(1712400W)



Andoya Hazard Area

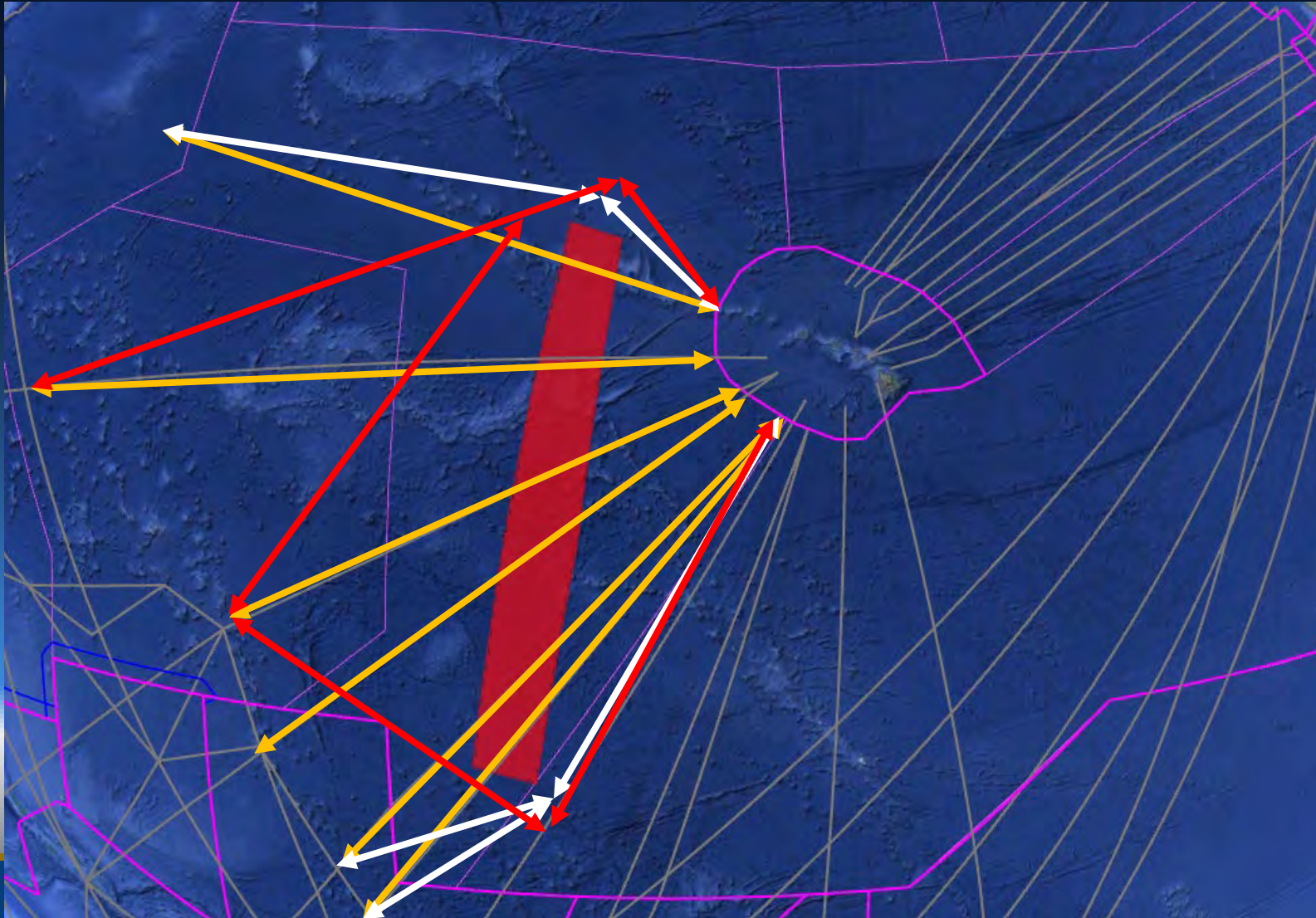


After plotting coordinates, determine which flows of traffic it may impact.

We see this HA impacts several flows:

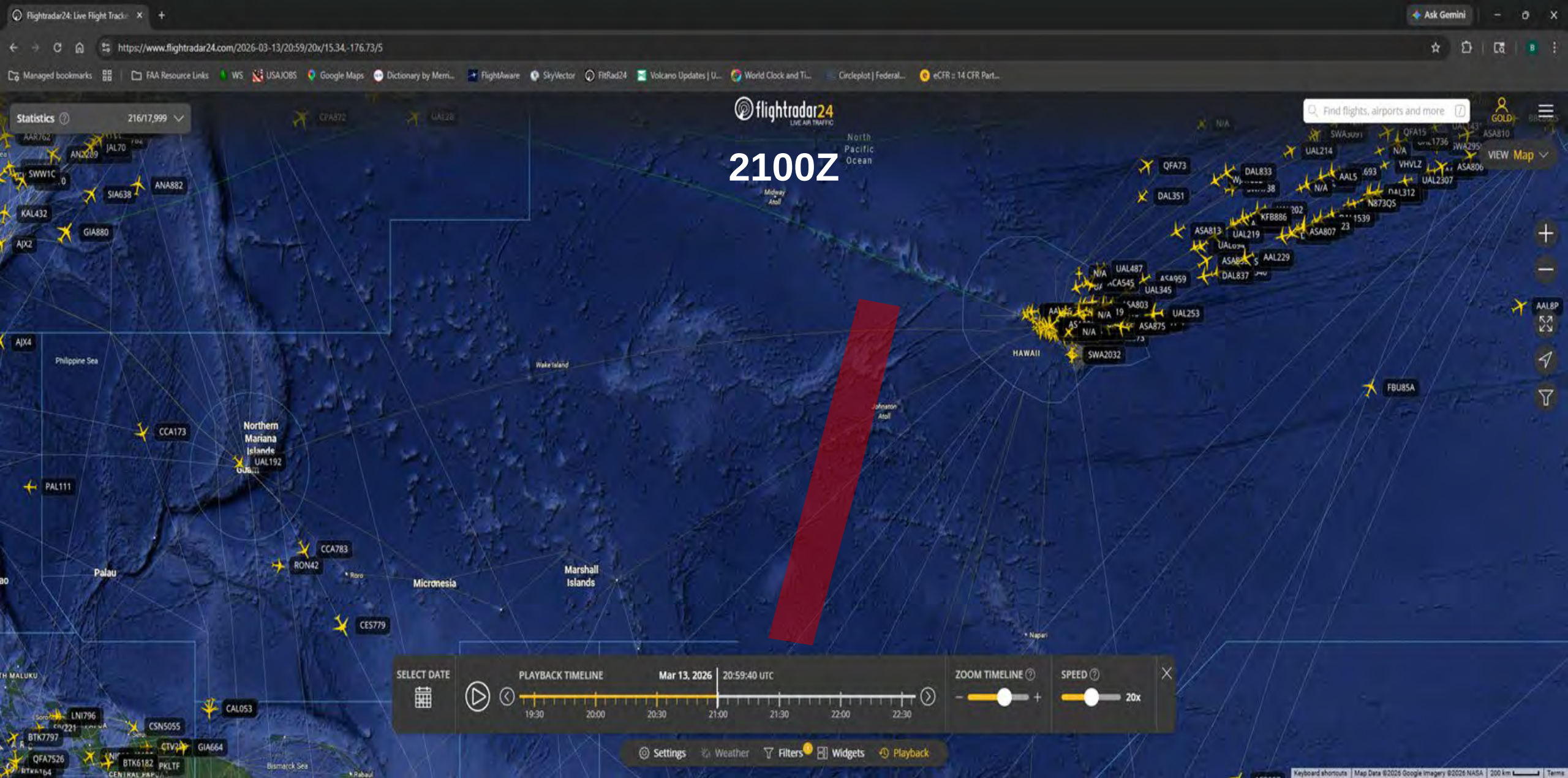
Flights from Japan, Guam, Marshall Islands, Philippines, and Nadi FIR may be impacted.

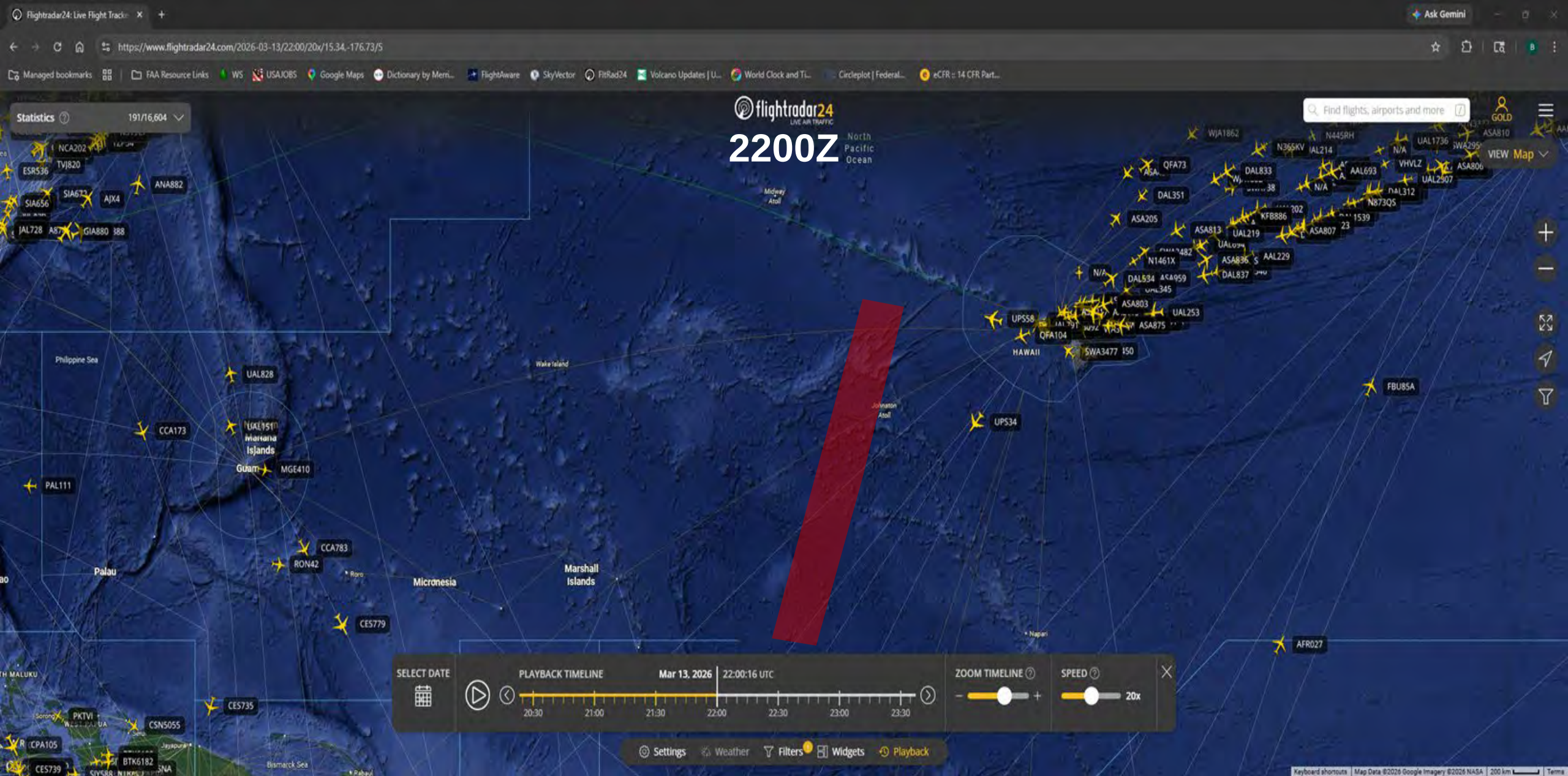
Andoya Hazard Area



Further scrutinization will determine which of these routes are more impacted than others.

We can see that routes to/from Japan aren't as bad as those to/from Guam







Traffic Impact Results

- Based on the time window, minimal impact on traffic.
- Efforts can be made to contact industry and advise.
- Ground delay may be more beneficial than detour route around.





Comments/Questions