

MILITARY Event

Print date: 08/06/2023 09:22

Military exercise AIR DEFENDER 23

General Information

Summary

Type:

MILITARY

Sub Types:

Special

Status:

Confirmed

Estimated Period:

12/06/2023 00:00-22/06/2023 23:59

Locations:

EDWW - BREMEN ACC (ACC), EDYY - MAASTRICHT UAC (ACC), EPWW - WARSZAWA ACC (ACC), LKAA - PRAGUE ACC (ACC), EDUU - KARLSRUHE UAC (ACC), EDGG - LANGEN ACC (ACC), EDMM - MUNCHEN ACC (ACC)

Short Description:

The German military large scale exercise AIR DEFENDER 23 (AD23) will take place from Monday 12 June to Thursday 22 June 2023, except during the weekend 17-18 June 2023. It will overlap, during certain periods with the NATO military large scale exercise BALTOPS 23 and with the French military exercise KRYPTON 23. These exercises are impacting similar traffic flows.

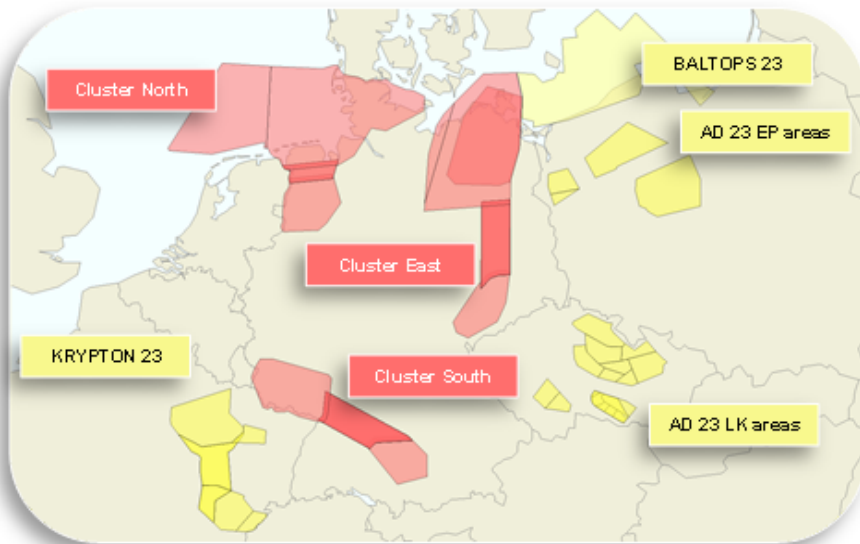
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Description and Expected Benefits

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BALTOPS 23
04 -16 Jun 2023

AIR DEFENDER 23
12 -22 Jun 2023 Mon to Fri

KRYPTON 23
21 Jun 2023

TIME ALLOCATION AIR DEFENDER		
	From	To
Cluster East	08:00	12:00
Cluster South	11:00	15:00
Cluster North	14:00	18:00

In order to mitigate the network impact of AIR DEFENDER 23, since December 2022, the Network Manager, in close cooperation with all the involved parties prepared multiple impact assessments and had several negotiations with respect to the network capacity impacts of the exercise and the need for supporting network measures.

Network measures have been prepared in April-May 2023 and a coordination meeting was held with all stakeholders on 5 May 2023 resulting in the approval of a set of “RE” RAD measures by all operational stakeholders. The measures are applicable for the period of the large-scale exercise AIR DEFENDER 23. The approved set of network measures allows to reduce delays and stabilise the network while ensuring a balanced approach to horizontal and vertical flight efficiency. The additional en-route ATFM delay generated by the ACCs that will handle additional traffic due to these initiatives will be re-attributed.

With respect to the network impact assessment and additional measures for AIR DEFENDER 23, the following can be summarised:

- o Approximately 800 flights will be re-routed daily as a result of the exercise and the associated measures; out of those, approximately 300 flights per day will have longer routes by an average of 60 NM;
- o The average en-route delay per flight during the period of the exercise is expected to be between 2.5-3 min/flight (all network reasons included);
- o Karlsruhe UAC, Skyguide, DSN (Reims ACC), Maastricht UAC, LVNL and Austrocontrol will provide extended sector opening schemes during the exercise;
- o There will be no need for strategic flight cancellations;
- o Particular attention should be provided to flights operating close to the curfews to avoid diversions; modification and/or relaxation of the curfew times at German airports during the exercise depend from German regional government decisions and their extent can vary accordingly.
- o DFS has established a dedicated AD23 Coordination Cell.

MEASURES:

All data about measures with effect on IFPS trajectory validation within all German FIRs/UIR are available on NOP - RAD homepage - Special Annex ([hyperlink](#))

Within Amsterdam FIR, the part of the cluster North will be represented by allocation of EUCSEA1Z and the activation of the standard FUA restriction EUCSEA1ZR.

As part of the preparation for operations during the period of the exercise, Maastricht UAC prepared very detailed briefing to support all Airline operators in planning the most optimal routes.

Whole document uploaded on the RAD homepage / section Additional Documentation ([hyperlink](#))

Within Warszawa FIR, exercise will be conducted in standard TSA/TRA areas, no difference from the daily routine operations of Polish Air Force.

Within Praha FIR exercise will be conducted in specifically designed areas and transit corridors, described in LK AIP SUP 2/23 (attached below as a reference).

For the purpose of IFPS trajectory validation the following measures have been implemented in CACD:

AIP SUP ID	AIRSPACE ID	LEVELS	RESTRICTION ID	RS DESCRIPTION
CORR1	LKCORR1	FL065-FL095	EULKCORR1	Forbidden for all traffic, except the fights participating in the exercise (RMK/ADEF23)
CORR2	LKCORR2	FL065-FL095	EULKCORR2	
CORR3	LKCORR3	FL065-FL095	EULKCORR3	
MAG01Z	LKMAG01Z	FL095-FL305	EULKMAG1ZR	
MAG02Z	LKMAG02Z	FL245-FL305	EULKMAG2ZR	
MAG03Z	LKMAG03Z	FL245-FL305	EULKMAG3ZR	
MAG04Z	LKMAG04Z	FL245-FL255	EULKMAG4ZR	
MAG07Z	LKMAG07Z	FL245-FL305	EULKMAG7ZR	
MAG08Z	LKMAG08Z	FL245-FL305	EULKMAG8ZR	

All ASM measures will be promulgated daily via EAUP/EUUP.

ATFCM measures will be coordinated on D-1 between national FMPs and NMOC Pre-Tact Team. Final decision will be published in the daily Network Plan (INP).

Tactical updates of the regulations will be applied with the aim to improve the Network performance.

Expected Benefits:

no input

Attachments:

no input

Reference Publications

Name	Type	Attachment
LK AIP SUP	AIP_SUP	LK_SUP_2023_02_en.pdf
AIP SUP ED 07/23	AIP_SUP	AIP_SUP_IFR_07_2023_AD23.pdf

Measures and Scenarios

no input

Activities and Impacts

no input

Remarks and Comments

Originator Comments:

no input

Network Manager Comments:

no input

Originator

Organisation Type:

NETWORK_MANAGER

Organisation Name:

NMD