

POST-OPS PERFORMANCE ADJUSTMENT PROCESS **STATUS REPORT 2023**

Introduction

National Supervisory Authorities (NSAs) approved the updated Adjustment process in 2019.

NM provides guidance on how to use the process, which is visible at: <https://www.eurocontrol.int/service/post-operations-performance-adjustment>

This report is NM's annual overview of the 2023 process.

The 2023 cases

Ten ANSPs and NM (Summer 2023 traffic orientation scheme and Air defender 2023) submitted 63 new cases during 2023¹. Three more cases were pre-agreements with Skyguide and were applied throughout 2023.

NM acknowledged all cases within one month. On average, cases covered **ten** individual changes (to ATFM regulations), excluding pre-agreement changes.

NM formed its opinion on 62 cases and informed the parties. Annex A summarises the cases and their status. NM adjusted ATFM regulations with associated ATFM delay of **300,735** minutes.

In addition, NM reattributed **633,335** minutes of ATFM as part of the Summer 2023 traffic reorientation scheme (eNM/S23) and Air Defender 2023.

All cases were completed: 40 were fully accepted, 5 cases were fully rejected, 17 cases were accepted with some changes rejected.

NM responded with its position within one month for 33 cases, within two months for 27 cases including an Italian NSA request and within three months for 2 cases; one case was added by the Austrian NSA and was treated within a day.

The cases covered:

- Change of regulation reason.
- Change of reference location name.
- Change of reference location (en-route to airport, vice versa).
- Correction of delay amount.
- Re-assignment of ATFM delay to a third party due to events and disruptions.

As agreed, NM informed NSAs of specific cases by copying them and EC into the mails that outlined the NM position.

Special cases 2023

Case 2016-24

Pre-agreement with Skyguide to change the Reference Location Type from En-Route to Airport when TV Id is LSZBAORX. NM identified 21 regulations and adjusted 1,010 minutes of delay.

¹ NM has existing pre-agreements with Skyguide – case 2016-24, case 2019-61 and case 2021-01.

Case 2019-61

Pre-agreement with Skyguide to change the Reference Location Type from En-Route to Airport when TV Id is LSZHAEZ and TV Id is LSZHAWZ. NM identified 311 regulations and adjusted 74,662 minutes of delay.

Case 2021-01

Skyguide requested (as for the case 2016-24 and case 2019-61) to change the Reference Location Type from En-Route to Airport when TV Id is LSZSARR, TV Id is LSZSDEP and TV Id is LSZDELTA. NM and Skyguide already received the agreement from (LSZS) Airport Manager. In 2023 one regulation was changed but generated zero minute of delay.

NM will review Skyguide pre-agreements during 2024.

Case 2023-37

The Italian NSA requested to correct the amount of delay for two regulations, those regulations were split, one due to regulation reason between ATC Capacity and Weather; the other due to Traffic Volume Set between LIMMFMP and the NETWORK. NM recorded a total of 5 regulations for this case with 4,512 minutes of delay.

Case 2023-62

The Austrian NSA requested to change the Reference Location from En-route to Airport for regulations in July, August and September 2023. A total of 40 regulations for this case with 5,534 minutes of delay.

Summer 2023 Delay reattribution eNM/S23

Delay has been re-attributed in 2023 for the Summer 2023 network measures, and for Air Defender 2023.

Air Defender was a large-scale military exercise in June 2023 and the delay was reattributed to LVNL and DSNA.

The Network Measures for the Summer 2023 were implemented from end of March 2023 until October 2023. The set of ATFM measures, coordinated and agreed with all stakeholders, aimed to reduce network delays by removing traffic from congested areas, either by rerouting or level-capping flights. The ACCs affected were monitored weekly and measures were lifted or modified as necessary. The delay was reattributed to DFS and DSNA.

The ATFM delay re-attribution for 2023 is shown in the Annex B. NMB approved this re-attribution at its April meeting and NM published the data in the performance dataset.

Dataset 2023

NM issued three draft performance datasets during 2023.

The final 2023 performance dataset was published in April 2024 and is available (Excel file via the link below) for performance scheme and local management reporting.

<https://www.eurocontrol.int/publication/post-operations-adjustment-process-dataset>

Survey 2023

NM did not perform a full survey. NM invited ANSPs to give comments on the process when the final dataset was published in April 2024. NM received no comments.

Summary

There were more Adjustment Process cases in 2023 than in 2022 and 2021. There were 62 new cases with associated ATFM delay of **300,735** minutes; and a further **633,335** minutes reattributed as part of the eNM/S23 programme and Air Defender 2023. NM published the interim performance datasets during 2023 and the final one in April 2024.

NM will review historical pre-agreements during 2024.

Recommendations

The members of the NCP performance working group are asked to:

- Note the annual report for 2023 and the publication of the 2023 performance dataset.
- Adopt the final results in their 2023 annual monitoring report.

Annex A: Summary of cases

Case nb	Date Request received	Date of Delay Issue	Country	Who	Issues	Accepted Y/N
2023-01	15-02-2023	Jan-2023	Spain	ENAIRE	Reassigning delay to third party	Accepted
2023-02	27-02-2023	Jan-2023	Germany	DFS	Correction reference location	Accepted
2023-03	09-03-2023	Feb-2023	Switzerland	Skyguide	Correction regulation reason	Rejected
2023-04	20-03-2023	Mar-2023	Cyprus	DCA Cyprus	Correction delay amount	Rejected
2023-05	29-03-2023	Feb-2023	Germany	DFS	Correction reference location	Accepted
2023-06	10-04-2023	Feb-2023	Spain	ENAIRE	Correction regulation reason; Correction reference location	6 reg accepted, 1 reg rejected
2023-07	14-04-2023	Mar-2023	Germany	DFS	Correction regulation reason; Correction reference location	17 reg accepted, 2 reg rejected
2023-08	17-04-2023	Mar-2023	Nederlands	LVNL	Correction regulation reason	Accepted
2023-09	18-04-2023	Mar-2023	Spain	ENAIRE	Correction regulation reason, reassign delay to third party	42 reg accepted, 2 reg rejected
2023-10	28-04-2023	Feb-2023	UK	UKNATS	Correction reference location	Accepted
2023-11	05-05-2023	Apr-2023	Switzerland	Skyguide	Correction regulation reason	Accepted
2023-12	08-05-2023	Apr-2023	Nederlands	LVNL	Correction regulation reason	Accepted
2023-13	17-05-2023	Mar-2023	UK	UKNATS	Correction regulation reason; reassign delay to third party	4 reg accepted, 1 reg rejected
2023-14	17-05-2023	Apr-2023	Spain	ENAIRE	Reassigning delay to third party	Accepted

Case nb	Date Request received	Date of Delay Issue	Country	Who	Issues	Accepted Y/N
2023-15	24/05/2023	Mar-2023	UK	UKNATS	Reassigning delay to third party	Accepted
2023-16	30-05-2023	Apr-2023	Germany	DFS	Correction regulation reason, Correction reference location, Correction procedural error	Accepted
2023-17	19-06-2023	May-Jun 2023	UK	UKNATS	Correction regulation reason	Accepted
2023-18	26-06-2023	Jun-2023	UK	UKNATS	Correction regulation reason	Accepted
2023-19	27-06-2023	May-2023	Italy	ENAV	Correction regulation reason	Accepted
2023-20	28-06-2023	May-2023	Germany	DFS	Correction regulation reason, Correction reference location,	23 reg accepted, 2 reg rejected
2023-21	29-06-2023	Jun-2023	UK	UKNATS	Correction regulation reason, reassign delay to third party	12 reg accepted, 3 reg rejected
2023-22	10-07-2023	Jul-2023	UK	UKNATS	Correction regulation reason	Accepted
2023-23	12-07-2023	Jun-2023	Nederlands	LVNL	Correction regulation reason	Accepted
2023-24	19-07-2023	Jul-2023	Switzerland	Skyguide	Correction regulation reason	Accepted
2023-25	25-07-2023	Jul-2023	UK	UKNATS	Correction regulation reason	Accepted
2023-26	26-07-2023	Jun-2023	Germany	DFS	Correction regulation reason, Correction reference location,	67 reg accepted, 2 reg rejected
2023-27	28-07-2023	May-2023	Spain	ENAIRE	Correction delay amount, Reassigning delay to third party	2 reg accepted, 4 reg rejected
2023-28	07-08-2023	Jul-2023	Nederlands	LVNL	Correction regulation reason	Accepted

Case nb	Date Request received	Date of Delay Issue	Country	Who	Issues	Accepted Y/N
2023-29	21-08-2023	Aug-2023	UK	UKNATS	Correction regulation reason	Accepted
2023-30	29-08-2023	Jun-2023	Spain	ENAIRES	Correction regulation reason; Reassigning delay to third party; Correction reference location	9 reg accepted, 7 reg rejected
2023-31	30-08-2023	Aug-2023	Croatia	Crocontrol	Reassigning delay to third party	Rejected
2023-32	08-09-2023	Sep-2023	Austria	AUSTROCONTROL	Correction regulation reason	Accepted
2023-33	11-09-2023	Aug/ Sep 2023	UK	UKNATS	Correction regulation reason	Accepted
2023-34	15-09-2023	Aug-2023	Nederlands	LVNL	Correction regulation reason	Accepted
2023-35	18-09-2023	Aug/ Sep 2023	Switzerland	Skyguide	Correction regulation reason; Correction delay amount	4 reg accepted, 1 reg rejected
2023-36	22-09-2023	Mar-2023	Spain	ENAIRES	Correction regulation reason	Accepted
2023-37	23-09-2023	Aug-Sep 2023	Italy	ENAV	Correction regulation reason; Correction delay amount	Accepted
2023-38	25-09-2023	Sep-2023	UK	UKNATS	Correction regulation reason	Accepted
2023-39	25-09-2023	Jul-Aug 2023	France	DSNA	Correction regulation reason	Rejected
2023-40	28-09-2023	Jul-2023	Spain	ENAIRES	Correction regulation reason	Accepted
2023-41	28-09-2023	Aug-2023	Spain	ENAIRES	Correction regulation reason; Correction reference location; Reassigning delay to third party	2 reg accepted, 2 reg rejected

Case nb	Date Request received	Date of Delay Issue	Country	Who	Issues	Accepted Y/N
2023-42	29-09-2023	Jul-Aug 2023	Germany	DFS	Correction regulation reason; Correction reference location	59 reg accepted, 5 reg rejected
2023-43	28-09-2023	Sep-2023	Austria	AUSTROCONTROL	Correction regulation reason	Accepted
2023-44	09-10-2023	Sep-2023	Nederlands	LVNL	Correction regulation reason	Accepted
2023-45	25-10-2023	Oct-2023	UK	UKNATS	Correction regulation reason	Accepted
2023-46	30-10-2023	Oct-2023	UK	UKNATS	Correction regulation reason	Accepted
2023-47	30-10-2023	Oct-2023	Switzerland	Skyguide	Correction regulation reason	Accepted
2023-48	13-11-2023	Sep-2023	Spain	ENAIRES	Correction regulation reason; Correction reference location	Accepted
2023-49	15-11-2023	Oct-2023	Spain	ENAIRES	Correction regulation reason; Reassigning delay to third party	Accepted
2023-50	22-11-2023	Sep-Oct 2023	Germany	DFS	Correction regulation reason; Correction reference location	59 reg accepted, 5 reg rejected
2023-51	28-11-2023	Nov-2023	Switzerland	Skyguide	Correction regulation reason	Accepted
2023-52	01-12-2023	Jul-2023	Austria	AUSTROCONTROL	Correction reference location	20 reg accepted, 21 reg rejected
2023-53	04-12-2023	Nov-2023	UK	UKNATS	Correction regulation reason	Accepted
2023-54	05-12-2023	Nov-2023	Spain	ENAIRES	Correction regulation reason; Reassigning delay to third party	Accepted
2023-55	11-12-2023	Oct-Nov 2023	Nederlands	LVNL	Correction regulation reason	Accepted

Case nb	Date Request received	Date of Delay Issue	Country	Who	Issues	Accepted Y/N
2023-56	15-12-2023	Nov-2023	Germany	DFS	Correction regulation reason; Correction reference location	5 reg accepted 5 reg rejected
2023-57	03-01-2024	Dec-2023	Nederlands	LVNL	Correction regulation reason	Accepted
2023-58	09-01-2024	Dec-2023	Switzerland	Skyguide	Correction regulation reason	3 reg accepted, 1 reg rejected
2023-59	24-01-2024	Dec-2023	Spain	ENAIRE	Reassigning delay to third party	Rejected
2023-60	26-01-2024	Dec-2023	Austria	AUSTROCONTROL	Correction reference location	Accepted
2023-61	29-01-2024	Dec-2023	Germany	DFS	Correction regulation reason; Correction reference location	5 reg accepted, 4 reg rejected
2023-62	14-02-2024	Jul-Aug 2023	Austria	AUSTROCONTROL	Correction reference location	Accepted

Note: Case 2016-24, case 2019-61 and case 2021-01 are not visible in the table above since these are pre-agreements between NM and Skyguide and they were applied throughout 2022.

Annex B: Summary of eNM/S23 and Air Defender

The ANSPs for which delay was re-attributed to DFS for Air Defender are:

- LVNL
- DSNL

Delay is highlighted in yellow in the table below.

The ANSPs for which delay was re-attributed to DFS for the Summer 2023 Network Measures are:

- ANS CZ
- Austrocontrol
- Bhansa
- Bulatsa
- CroControl
- ENAIRE
- ENAV
- HASP
- Hungarocontrol
- LPS
- MNAV
- MUAC
- NATS
- Pansa
- Romatsa
- Skyguide
- SMATSA

The ANSPs for which delay was re-attributed to DSNL for the Summer 2023 Network Measures are:

- ENAIRE
- MUAC
- NATS
- NAV Portugal

The ATFM delay re-attribution for 2023 is shown in the table below (in minutes).

ANSP	DSNA Reattribution	DFS Reattribution	Total
ANS CZECH REPUBLIC		13.529	13.529
AUSTROCONTROL		10.922	10.922
BHANSA		4.816	4.816
BULATSA		6.303	6.303
CROCONTROL		39.491	39.491
DSNA		26.156	26.156
ENAIRE	71.355	29.157	100.512
ENAV		56.008	56.008
HASP		11.059	11.059
HUNGAROCNTRL		187.337	187.337

LPS		5.127	5.127
LVNL	I	7.235	7.235
MNAV		3.945	3.945
MUAC	620	58.188	58.808
NATS	3.166	12.512	15.678
NAV PORTUGAL	1.882		1.882
PANSA		5.896	5.896
ROMATSA		33.399	33.399
SKYGUIDE		15.436	15.436
SMATSA		29.796	29.796
	77.023	556.312	633.335