



# **A318/A319/A320/A321**

## **OPERATIONS ENGINEERING BULLETIN**

**OEB63 issue 1.0**

# **DUAL LOSS OF RMP DATA SYNCHRONIZATION LEADING TO LOSS OF CONTROL OF RADIO COMMUNICATION, TRANSPONDER OR STANDBY NAVIGATION QUICK REFERENCE HANDBOOK**

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DUAL LOSS OF RMP DATA SYNCHRONIZATION  
LEADING TO LOSS OF CONTROL  
OF RADIO COMMUNICATION,  
TRANSPONDER OR STANDBY NAVIGATION

Ident.: OEBPROC-63-00028498.0001001 / 05 FEB 25 - IN CREATION  
Criteria: (P20240)

ECAM ENTRY

None

PROCEDURE

Apply the following procedure when the flight crew cannot manage the communication on both RMP 1 and RMP 2.

RMP 1..... ON  
RMP 2..... ON

Active frequency may be lost after AMU reset.

On 49VU:

G06 C/B (COM / AMU SIDE 1).....PULL

On 121VU:

M01 C/B (COM / AMU SIDE 2)..... PULL

When the AMU is not powered, all audios in the cockpit are inoperative (internal and external communications, aural alerts).

Wait 5 s

On 49VU:

G06 C/B (COM / AMU SIDE 1).....PUSH

On 121VU:

M01 C/B (COM / AMU SIDE 2).....PUSH

■ If AMU reset successful:  
COM / XPDR / TCAS / NAV.....CHECK/SET  
*Settings of RMPs may have been modified and the flight crew may need to set them again.*

■ If AMU reset NOT successful:  
RMP 1..... OFF  
RMP 2..... OFF

- When both RMP 1 and RMP 2 are off:*
- VHF remains frozen on last used frequency, and is only available via a boomset connected to ACP 3.
  - Interphone system is lost, and aural alerts are only available via a boomset connected to ACP 3.
  - Control of transponder is lost, and Squawk code automatically sets to 7600.
  - Control of TCAS is lost, and TCAS mode automatically sets to TA/RA.

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# DUAL LOSS OF RMP DATA SYNCHRONIZATION LEADING TO LOSS OF CONTROL OF RADIO COMMUNICATION, TRANSPONDER OR STANDBY NAVIGATION

Ident.: OEBPROC-63-00028498.0003001 / 06 FEB 25 - IN CREATION  
Criteria: (P20240 and P20323)

## ECAM ENTRY

None

## PROCEDURE

Apply the following procedure when the flight crew cannot manage the communication on both RMP 1 and RMP 2.

RMP 1..... ON

RMP 2..... ON

Active frequency may be lost after AMU reset.

On 49VU:

G06 C/B (COM / AMU SIDE 1).....PULL

On 121VU:

M01 C/B (COM / AMU SIDE 2)..... PULL

When the AMU is not powered, all audios in the cockpit are inoperative (internal and external communications, aural alerts).

Wait 5 s

On 49VU:

G06 C/B (COM / AMU SIDE 1).....PUSH

On 121VU:

M01 C/B (COM / AMU SIDE 2).....PUSH

### ■ If AMU reset successful:

COM / XPDR / TCAS / NAV.....CHECK/SET

*Settings of RMPs may have been modified and the flight crew may need to set them again.*

### ■ If AMU reset NOT successful:

RMP 1..... OFF

RMP 2..... OFF

*When both RMP 1 and RMP 2 are off:*

- Communication must be managed on RMP 3.

- Aural alerts are available via all boomsets.

COM / XPDR / TCAS / NAV.....CHECK/SET

*Settings of RMP 3 may have been modified and the flight crew may need to set them again.*

# DUAL LOSS OF RMP DATA SYNCHRONIZATION LEADING TO LOSS OF CONTROL OF RADIO COMMUNICATION, TRANSPONDER OR STANDBY NAVIGATION

Ident.: OEBPROC-63-00028500.0001001 / 05 FEB 25 - IN CREATION  
Criteria: (P20240)

**ROOT CAUSE**

Loss of synchronization between RMP 1+2 and AMU.

**OPERATIONAL CONSEQUENCE**

In the case of RMP data synchronization misbehavior, the following may occur:

- Loss of control of radio communication:
  - Active/standby frequency changes not taken into account
  - No display synchronization on other RMP(s)
  - No possibility to tune a new frequency
  - Audio broadcast on not expected communication means.
- Not commanded changes of transponder / TCAS settings:
  - NAV ATC/XPDR STBY ECAM alert and/or associated ECAM memo
  - No possibility to modify transponder Squawk code
  - NAV TCAS STBY ECAM alert and/or associated ECAM memo
  - No possibility to modify TCAS modes.
- Not commanded activation of the standby navigation function:
  - **STBY NAV** message display on RMP
  - No possibility to revert to **AUTO** mode
  - MCDU RADIO NAV page with blank fields.

**END OF OEB63**