



EUR ATM Ground Voice Network Legacy Numbering Plan

EUR AGVN Legacy Numbering Plan	
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3.1	06/11/2023	Incorporation of CP-AGVN-23-001 AGVN online database is now replaced with European IPS Repository (EIPR) in Section 4 and Appendix A of the document.	Section 4 and Appendix A

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References

- [1] ICAO Doc 9804: Manual on Air Traffic Services (ATS) Ground-Ground Voice Switching and signalling, First Edition - 2002.
- [2] ICAO Doc 7754: EUR Air Navigation Plan.
- [3] EUROCONTROL: ATS Voice Network Implementation and Planning Guidelines - Edition 1.0 February 2005.
- [4] EUROCONTROL: ATM Ground Voice Network (AGVN) Policy and associated mechanism in satisfying the demand for new number ranges (2010).
- [5] Recommendation ITU-T E.164 "The international public telecommunication numbering plan" (2010).
- [6] List of ITU-T Recommendation E.164 assigned country codes (2005).
- [7] ICAO Annex 10 to the Convention on International Civil Aviation - Aeronautical Telecommunications, Vol II - Communication Procedures including those with PANS status.
- [8] ICAO Annex 10 to the Convention on International Civil Aviation - Aeronautical Telecommunications, Vol III - Communication Systems.
- [9] ICAO Annex 11 to the Convention on International Civil Aviation - Air Traffic Services.

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Contacts

AGVN Requests for new number ranges allocation or extension of current ones are sent as follows:

1. To EUROCONTROL for ECAC Users within the ICAO EUR Region at:

email: agvn@eurocontrol.int

2. To the ICAO EUR/NAT Office for Non-ECAC Users within the ICAO EUR Region by using the template provided in Attachment B of this document at:

e-mail: icaoeurnat@icao.int

All inquiries, reports and proposals for modification concerning this document should be forwarded to:

e-mail: icaoeurnat@icao.int

The ICAO EUR/NAT Office ensures that the information is forwarded to the appropriate working groups (e.g. Planning Group of AST TF).

The EUR AGVN Legacy Numbering Plan document is available at the ICAO EUR/NAT website.

1 **Scope**

1.1. **Scope of the document**

- 1.1.1. The purpose of this document is to describe the EUR ATM Ground Voice Network (AGVN) Legacy Numbering Plan and the process of AGVN Legacy Number Range allocation and extension to legitimate users in the EUR Region as carried out by EUROCONTROL on behalf of the ICAO EUR/NAT Regional Office.
- 1.1.2. The geographical scope of this document is the ICAO EUR Region as defined by
http://www.icao.int/EURNAT/Pages/member_states.aspx
- 1.1.3. The technical scope consists in the establishment and application of a procedure for AGVN Legacy Number Range allocation and extension in order to satisfy relevant operational requirements.
- 1.1.4. The Document includes in Appendix A the latest version of EUR AGVN Legacy Number Range allocations, as updated annually by EUROCONTROL.
- 1.1.5. By AGVN Legacy the following technologies are considered in this document: ATS-QSIG, ATS-R2 and ATS-No5.

1.2. **Document Overview**

- 1.2.1. The document includes the following Chapters:
 - The first Chapter deals with the scope, structure, terminology and abbreviations used in the document.
 - The second Chapter introduces the philosophy and general concepts pertaining to AGVN leading to the need for a Regional AGVN Legacy Numbering Plan.
 - The third Chapter contains a review of the AGVN Legacy Number Ranges requirements and recommendations.
 - The fourth Chapter defines the role and responsibilities of EUROCONTROL in the maintenance of the EUR AGVN Legacy Numbering Plan and includes a stepwise procedure for processing AGVN Legacy Number Ranges requests.
- 1.2.2. Attachment A of the document includes the Change Control Mechanism procedure.
- 1.2.3. Attachment B of the document includes the AGVN Legacy Number Range allocation or extension request (AR) template for Non-ECAC Users.
- 1.2.4. Appendix A of the document includes the following table:
 - EUR AGVN Legacy Number Range allocation.

Note: Appendix A is provided to the ICAO EUR/NAT Office and it is intended to be updated on annual basis. However, due to security concerns its distribution will be limited and under strict control of ICAO and EUROCONTROL.

1.3. Terminology

- 1.3.1. Definitions in this document derive from ICAO Doc 9804: Manual on Air Traffic Services (ATS) Ground-Ground Voice Switching and Signalling, First Edition – 2002 and EUROCONTROL: ATS Voice Network Implementation and Planning Guidelines – Edition 1.0 February 2005 [3].

1.4. Abbreviations

- 1.4.1. The following abbreviations are used in this document:

AAC	Aeronautical Administrative Communications
ACC	Area Control Centre
ACP	Aeronautical Communications Panel (ICAO)
AGVN	ATM ground voice network
AFSG	Aeronautical Fixed Service Group (ICAO EANPG)
ANSP	Air Navigation Service Provider
AST PG	Planning Group of AST TF
AST TF	AFS to SWIM Transition Task Force (ICAO EASPG)
ATM	Air Traffic Management
ATS	Air Traffic Service(s)
ATSU	Air traffic Service Unit
CSP	Communication Service Provider (TELCO)
CWP	Controller Working Position
EANPG	European Air Navigation Planning Group (ICAO)
EASPG	European Aviation System Planning Group (ICAO)
ECAC	European Civil Aviation Conference
EIPR	European IPS Repository
EUR/NAT	ICAO Region Europe / North Atlantic
FAB	Functional Airspace Block
FP	Focal Point
ICAO	International Civil Aviation Organisation
ISO	International Organization for Standardization
ITU-T	International Telegraph Union Telecommunication Standardization Sector
PCG	EASPG Programme Coordination Group
PG	Planning Group (see AST PG)
PISN	Private Integrated Services Network
QSIG	Signalling at the “Q” reference point

2 Introduction

2.1. Background

- 2.1.1. Ground voice communications between ATM personnel in the same unit as well as between units are required for co-ordination purposes.
- 2.1.2. Initially, such requirements were met by establishing dedicated point-to-point connections between any communicating parties. This conventional technique was costly, inflexible and not adequate to meet increasing and evolving operational requirements.
- 2.1.3. Gradually, networking technologies were introduced in ATM that enabled the sharing of ground-ground connections by more than one user, the use of more than one connection to access a user, the possibility to route calls via direct and alternate routes, the use of call priority, call transfer, conferencing and other facilities. All these facilities presume the ability to uniquely identify a user within the network.
- 2.1.4. The technologies standardised by ICAO and EUROCONTROL in this frame and broadly used in the EUR Region are ATS-R2, ATS-No5, which are analogue protocols, and ATS-Qsig, which is a digital protocol. In view of ATM-VoIP as the upcoming standard for ground voice communications, the above networking technologies are referred to as “*Legacy*” but will remain in operational use until the migration to VoIP is completed.
- 2.1.5. Regardless of the legacy technology used, a common, well defined and effectively managed addressing scheme is an essential element for uniquely identifying and addressing users in an ATM Ground Voice Network serving a large area such as an ICAO Region.
- 2.1.6. The structure of the addressing scheme should be as simple as possible and allow for expansion commensurate to user requirements without changes to the structure itself. If only numbers are used to construct an address, the addressing scheme is commonly referred to as a “*Numbering Plan*”.
- 2.1.7. The present document outlines the AGVN Legacy Numbering Plan as implemented in the EUR Region, sets out the roles and responsibilities for the parties maintaining, administering and using the plan, describes the procedures for allocation of number ranges to users of the AGVN and establishes the procedure for maintaining the document itself.
- 2.1.8. EUROCONTROL supports the above activities on behalf of the ICAO EUR/NAT Office, as foreseen in the Document.

3 EUR AGVN Legacy Number Ranges specifications

3.1. Recommendations

- 3.1.1. This section summarises requirements, recommendations and general guidance concerning AGVN Legacy Numbering, as extracted from ICAO Doc 9804: Manual on Air Traffic Services (ATS) Ground-Ground Voice Switching and Signalling, First Edition – 2002 [1].

3.2. ICAO DOC 9804 extract

- 3.2.1. Worldwide, AGVNs operate collectively to provide communication services for ATM. They are, therefore, a federation of individual networks, usually separated along national or regional boundaries. This structure imposes several requirements on future global numbering schemes as follows:
- 3.2.1.1. a future global numbering scheme should be based on internationally approved standards for numbering and addressing. In particular, it should meet the requirements for PISN numbering plans specified in ISO/IE 11571;
- 3.2.1.2. each AGVN is self-standing but has to cooperate with other AGVNs (i.e. route calls to or accept calls from another AGVN). Therefore, a coordinated numbering scheme is required. Such a numbering scheme should permit the identification and addressing of individual networks as well as the identification and addressing of entities within networks;
- 3.2.1.3. it should not be necessary to use the full global number in order to address another entity within the same network. Thus, the global numbering scheme should be hierarchical;
- 3.2.1.4. each AGVN is independently administered. Therefore, a mechanism is needed to control the allocation of blocks of numbers to the administrations in order to avoid numbering conflicts. ICAO should be the responsible authority;
- 3.2.1.5. backward compatibility with the current recommended ICAO numbering plan is a desirable objective; and
- 3.2.1.6. the maximum number length in a future global numbering scheme should be fixed (i.e. closed numbering scheme) and should not exceed 15 digits (as recommended in ITU-T Recommendation E.164);

3.3. Numbering plan

This section summarises the applied EUR AGVN addressing scheme as per ICAO Doc 9804: Manual on Air Traffic Services (ATS) Ground-Ground Voice Switching and Signalling, First Edition – 2002 [1] and EUROCONTROL: ATS Voice Network Implementation and Planning Guidelines – Edition 1.0 February 2005 [3].

3.3.1. EUR AGVN Legacy Numbering plan

- 3.3.1.1. EUR AGVN applies a closed numbering plan based on 6 digit number length as recommended by ICAO.

- 3.3.1.2. Numbers consist of six digits, whereby the first two digits identify a specific area within the EUR Region (State or group of States), the third and fourth digits identify the ATS unit and the fifth and sixth digits identify the CWP or terminal equipment within the ATS unit. This format is illustrated in Figure 1 below:

A	A	C	C	N	N
---	---	---	---	---	---

AA – Area Identifier

CC – ATS Unit Identifier

NN – CWP Identifier

Figure 1- Format of numbers in the EUR AGVN Legacy numbering plan

- 3.3.1.3. In order to save space in the numbering plan, flexible allocation of the last four digits between the ATS Unit Identifier and the CWP identifier is possible.
- 3.3.1.4. Ideally, the addresses allocated to a particular ATS unit should be in single range in the numbering plan and should not be divided into separate ranges or split around numbering plan ranges allocated to other ATS units.

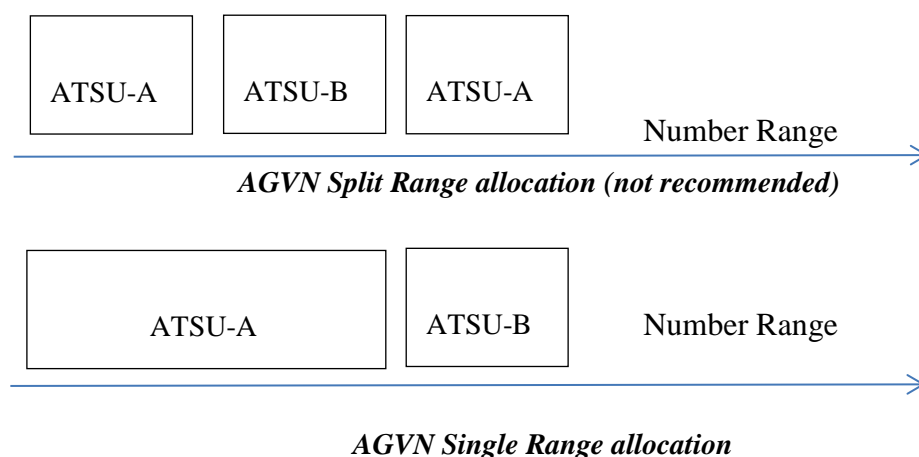


Figure 2 - AGVN types of allocations

3.3.2. EUR Area Identifier

- 3.3.2.1. The 'AA' 2-digit Area Identifier is assigned values ranging from 30 to 39. This allocation was initially defined to cover the ECAC Area ([3] - EUROCONTROL: ATS Voice Network Implementation and Planning Guidelines – Edition 1.0 February 2005), but it may be used to accommodate the EUR Region.

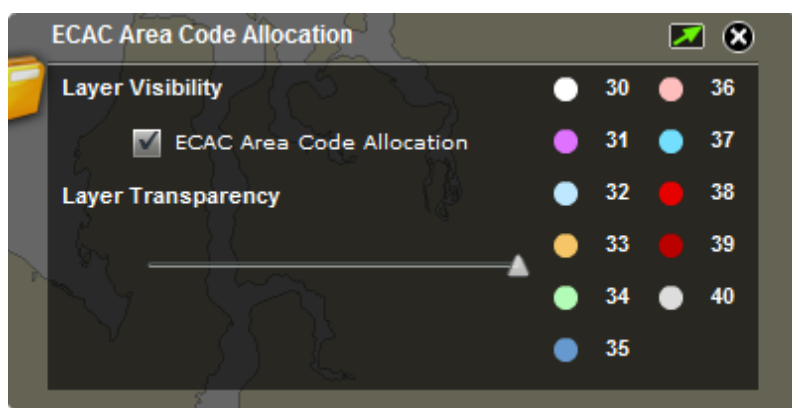


Figure 3 - ECAC Area Identifier code allocation – colour scheme

3.3.2.2. The Area Code Identifiers 30 and 39 are not currently used.

3.3.2.3. The map below illustrates the current (2015) allocation of the standardised Area Identifier codes which cover the ECAC area of the EUR Region:

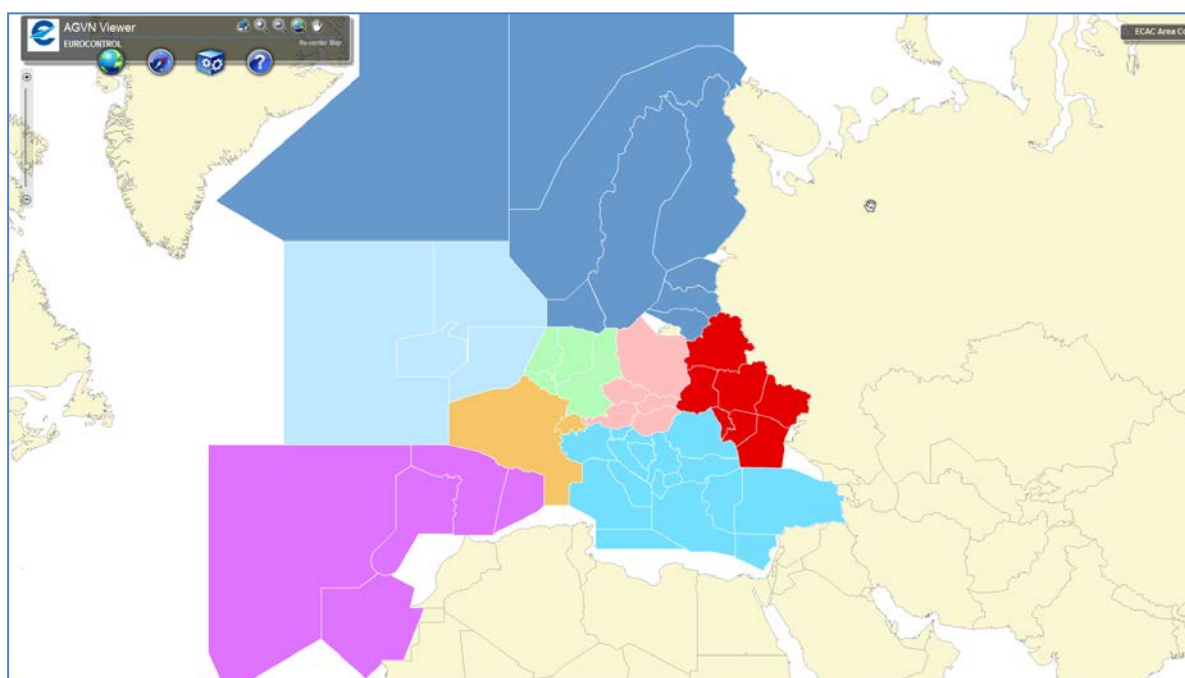


Figure 4 – ECAC AREA Identifier code allocation

3.3.2.4. Area Identifier codes 30 and 39 are available for allocation to the remaining States in the EUR Region.

4 Roles, Responsibilities and Stepwise procedure

4.1. EUROCONTROL Role and Responsibilities

- 4.1.1. EUROCONTROL provides the necessary resources and ensures the application of the Procedure for AGVN Legacy Number Ranges allocation and extension described in section 4.5 of this document in order to satisfy the demand for new allocations.
- 4.1.2. As required by this Procedure, EUROCONTROL has implemented and is managing a system called AGVN Addressing/Numbering Plan which has restricted access and which is protected from undesirable interference.
- 4.1.3. The AGVN Addressing/Numbering Plan is maintained and operated ~~as an~~ online ~~Repository~~ on the ~~AGVN online database~~ [European IPS Repository \(EIPR\)](#).
- 4.1.4. EUROCONTROL provides restricted access to the ~~AGVN Addressing/Numbering Plan Repository~~ [EIPR](#) to the designated AGVN Focal Points.
- 4.1.5. EUR AGVN Legacy Number ranges are registered within the ~~AGVN on line database~~ [EIPR](#) on the EUROCONTROL extranet. ~~Access to this database is restricted to AGVN Focal Points.~~

4.2. Initial allocations

- 4.2.1. In the early 1990s each European ANSP was assigned an AGVN Number Range within the range 30 to 39 of the numbering plan. The current situation is available in Table 1 of Appendix A.
- 4.2.2. The sub-allocation of AGVN Number Range “3x” does not correspond and it is not related to the ITU-T Recommendation E.164 “The international public telecommunication numbering plan”, sixth issue 2010 [5] and the “List of ITU-T Recommendation E.164 assigned country codes”, 2005 [6]. EUR AGVN applies a closed numbering plan based on 6 digit number length as recommended by ICAO.
- 4.2.3. EUROCONTROL registered this information into the ~~AGVN database~~ [EIPR](#) and indicated the Number range as being “allocated” to that particular ANSP.

4.3. AGVN Number Range Allocation Repository

- 4.3.1. The latest version of the “EUROCONTROL AGVN Number Range ~~allocation~~” file is available on the ~~EUROCONTROL AGVN online database and on the VOTE VOIP Implementation Support Group SharePoint Repository/AGVN subgroup library~~ [EIPR Dashboard page, https://ext.eurocontrol.int/eipr/agvn/dashboard-on-the-EUROCONTROL-extranet](#). The updated information on the ~~SharePoint Repository~~ [EIPR](#) takes precedence over Table 1 of Appendix A.
- 4.3.2. It is recommended to annually update Appendix A of this document to reflect the latest version of the ~~EUROCONTROL AGVN Online Database~~ [EIPR](#) information.

4.4. EUR ANSPs Responsibilities

- 4.4.1. To register a new AGVN Legacy Number Range allocation in the [AGVN-online databaseEIPR](#), States, ANSPs, FABs or other legitimate bodies in the EUR Region should follow the procedure described in section 4.5 of this document.
- 4.4.2. EUR States, ANSPs, etc. are responsible for the assignment of their Number Range allocation to their End Users (e.g. ATSUs).
- 4.4.3. When the allocated AGVN Number Range becomes inadequate, an extension is requested by applying the procedure described in section 4.5 of this document.

4.5. Stepwise Procedure for AGVN Legacy Number ranges allocation

- STEP 1: ECAC Users through the designated AGVN Focal Point submit any request for AGVN Legacy Number ranges allocation to EUROCONTROL at agvn@eurocontrol.int.
- STEP 1A: Non-ECAC Users within the EUR Region shall contact the ICAO EUR/NAT Office using the template provided in Attachment B of this document to request an AGVN Numbering Range allocation or extension, including contact details for the AGVN Focal Point in the organisation.
- STEP 1 B: For non-ECAC USERS within the EUR Region, the ICAO EUR/NAT office will analyse the request and if legitimate will ask EUROCONTROL to perform the AGVN Numbering Range allocation on their behalf. (STEP 2 to STEP 11)
- STEP 1 C: The ICAO EUR/NAT Office will inform non-ECAC Users within the EUR Region that their request will be further processed on their behalf by EUROCONTROL. EUROCONTROL will contact the AGVN Focal Point based on the details specified in the AR (Attachment B) and activate their access to the [AGVN Database and the VOTE - VOIP Implementation Support Group SharePoint Repository/AGVN subgroup libraryEIPR](#).
- STEP 2: The request should contain a justification which includes as a minimum the following:
- the current allocation situation (number of terminals implemented within various current ATSUs ranges including “hidden” allocations not visible outside the concerned ATSUs),
 - an estimation of the future need, new range proposal,
 - when the new number range will become operational,
 - a breakdown of the ATSUs which will be assigned within the new number range,
 - the “guard space” foreseen for expansion of new ATSU ranges,
 - any other particular needs.

Note: The EUROCONTROL ATS Ground Voice Network Implementation & Planning Guidelines Ed1-0 should be considered when applying the request

- STEP 3: The information is provided using a specific template available on the VOTE - VOIP Implementation Support Group SharePoint Repository under the AGVN subgroup library /Reference Documents.
- STEP 4: The allocation request is uploaded by EUROCONTROL on the VOTE - VOIP Implementation Support Group SharePoint Repository under the AGVN subgroup

- library/AGVN Legacy number ranges request [log](#) and distributed by e-mail to AGVN FPs of the targeted Area Identifier code.
- STEP 5: The requested new ranges are introduced by the AGVN Focal Point in the ~~AGVN web-based database~~[EIPR](#) and presented to the AGVN FPs of the targeted Area Identifier code.
- STEP 6: After 2 months, if no objections are received from the targeted Area Identifier code AGVN Focal Points, the proposal is accepted and the new range becomes valid and allocated to the respective State, ANSP etc.
- STEP 7: EUROCONTROL will send a formal notification to the concerned AGVN Focal Point and to the AGVN Focal Points of the targeted Area Identifier code informing them of the new range allocation.
- STEP 8: EUROCONTROL will introduce the change in the ~~AGVN web-based database~~[EIPR](#).
- STEP 9: The respective State, ANSP etc. will start to assign the ATSU ranges within the new range.
- STEP 10: If an objection is received from at least one of the AGVN Focal Points of the targeted Area code, the concerned State, ANSP etc. will be informed by EUROCONTROL of the rejection and asked to resubmit a refined request.
- a. It is recommended that at this step pre-agreement is reached with the AGVN Focal Points of the targeted Area Identifier code.
 - b. EUROCONTROL will analyse the case and propose alternative solutions.
 - c. Steps 1-9 above will be followed for the second request.
- STEP 11: An AGVN Focal Point sub-group meeting is convened by EUROCONTROL if no agreement is reached after the second submission of the request. The AGVN Focal Point sub-group proposes an alternative solution.
- STEP 12: If no complaints are received within 1 month after the AGVN Focal Point sub-group meeting has been held, the new range proposed will become valid and allocated to the respective organisation. Steps 7-9 above will be followed.
- STEP 13: EUROCONTROL informs the ICAO EUR/NAT Office of the resolution of the AGVN Legacy Number Range request for allocation or extension for non-ECAC Users by means of returning the AGVN Legacy Number Range allocation request form populated with the appropriate details.
- STEP 14: EUROCONTROL will include the new allocated range in the ~~AGVN online database~~[EIPR](#) and in the update of Appendix A of this document.
- STEP 15: EUROCONTROL delivers Appendix A of this document to the ICAO EUR/NAT Office on annual basis. However, due to security concerns its distribution will be limited and under strict control of ICAO and EUROCONTROL.

Attachment A – Change Control Mechanism of the EUR AGVN Legacy Numbering Plan document

A.0.1 The change control mechanism provides two categories:

- Defect Report (DR), and
- Change Proposal (CP)

A.0.2 Proposals to introduce changes to the EUR AGVN Legacy Numbering Plan document itself may arise from users, implementers or manufactures.

A.0.3 The interested party should send any proposed change (CP or DR) of the EUR AGVN Legacy Numbering Plan document to the EUR/NAT ICAO Regional Office. The Regional Office forwards the document to the Planning Group of AST TF for further processing.

A.0.4 The procedure for submission and processing of a Defect Report (DR) or a Change Proposal (CP) involves the following steps:

A.1 Procedure for Defect Report (DR)

A.1.1 A problem is detected, which is reflected in the EUR AGVN Legacy Numbering Plan document and may be attributed to implemented procedures and/or inconsistencies in the documentation.

A.1.2 The problem is reported to the Rapporteur of the Planning Group of AST TF, normally via the EUR/NAT ICAO Regional Office, by submission of a defect report (DR). A standard reporting format is used (see attached template in A.3)

A.1.3 The Rapporteur assigns a number and priority to the defect report and introduces it to the agenda of an upcoming meeting of the PG.

A.1.4 The PG evaluates the report and either adopts it as a working item or rejects it. The party, which submitted the change proposal, is notified accordingly.

A.1.5 Experts of the PG are assigned to the problem when adopted (Status: accepted) and milestone dates are set. Outside expertise may be invited to participate, as appropriate.

A.1.6 The PG develops proposals for resolving the problem and submits them to the AST TF for approval.

A.1.7 The AST TF approves or rejects the presented proposals. In case of the latter, the subject is referred back to the PG (step A.1.6) or discarded.

A.1.8 The PG drafts appropriate text for amendment of the EUR AGVN Legacy Numbering Plan document and submits it to the AST TF for approval.

A.1.9 The AST TF approves or rejects the proposed material. In case of the latter, the subject is referred back to the PG (step A.1.8).

A.1.10 The proposed amendments to the EUR AGVN Legacy Numbering Plan document are presented to the EASPG/PCG for approval.

A.1.11 Solutions are implemented.

Note.— Steps A.1.6 and A.1.8 may run in parallel.

A.2 Procedure for Change Proposal

A.2.1 The same structured procedure, with the exception of steps (A.1.6) and (A.1.7) applies in case of proposed enhancements to the EUR AGVN Legacy Numbering Plan document or inconsistencies with relevant existing documentation.

A.2.2 In this case, a change proposal (CP) should be submitted to the PG, normally via the EUR/NAT ICAO Regional Office. The format of the CP is similar to that of the DR.

A.2.3 If ICAO SARPs and/or Technical Specifications are concerned, the change control process, set up by the ICAO Communications Panel and its Working groups, has to be followed by using appropriate procedures.

A.3 Template for Defect Reports / Change Proposals

TEMPLATE FOR DEFECT REPORTS / CHANGE PROPOSALS	
DR-AGVN- _____	CP-AGVN- _____
Title:	Short, indicative textual name
Reference:	Number assigned by the PG Rapporteur
Originator reference:	Provided by the originator
Submission date:	
Submitting State/Organisation:	
Author:	
Contact Information:	e-mail, fax, telephone and postal address
Experts involved:	
Status:	Assigned by the PG Rapporteur
Priority:	Assigned by the PG Rapporteur
Document reference:	Affected section(s) of the EUR AGVN Legacy Numbering Plan document
Description of defect:	Nature of the problem in detail Reason(s) for requesting changes
Assigned expert(s):	
Task history:	Working Papers and Information Papers Produced on the subject
Proposed solution:	Including amendments to the text, if feasible

DR/CP STATUS control sheet				
Event	Date	Status		Remark
DR or CP received submission date		Set to submitted		
discussion at PG/ ...		Set to accepted	Set to rejected	
Date for development of proposals/ solutions				Responsible:
discussion at PG/ ...		Set to resolved		
presentation to AST TF/ ...		Set to adopted	Set to rejected	
Date for development of amendment to the EUR AGVN Legacy Numbering Plan document				Responsible:
discussion at PG/		Set to approved		
presentation to AST TF/ ...		Set to approved for application		
Additional DATES and comments				

Attachment B – Non-ECAC Users within the EUR Region AGVN Legacy Number Range allocation or extension request (AR) template

Non-ECAC Users within the EUR Region AGVN Legacy Number Range allocation or extension request (AR)

Reference:	Number assigned by the ICAO EUR/NAT Office Focal Point
Originator reference:	Provided by the originator
Submission date:	
Submitting State/Organisation:	
Contact Information:	e-mail, fax, telephone and postal address
AGVN Focal Point in organisation	e-mail, fax, telephone and postal address
Author:	
Status:	
Priority:	Assigned by the ICAO EUR/NAT Office Focal Point
Document reference:	
Kind of modification:	New AGVN range allocation request or extension request
Proposed applicability date for the allocation:	
Description of the modification:	Nature of the request in detail Reason(s) for request
History:	Related Papers produced and tasks performed on the subject
Eligibility decision	Status assigned by the ICAO EUR/NAT Office Focal Point
AGVN Range allocation or extension status	Assigned by EUROCONTROL

AR STATUS control sheet				
Event	Date	Status		Remark
AR received submission date		Set to submitted		
Eligibility decision		Set to accepted	Set to rejected	Responsible: ICAO EUR/NAT Office
Inform User and ask EUROCONTROL to perform the AGVN Legacy Number Range new allocation or extension				Responsible: ICAO EUR/NAT Office
Date for development of proposals/ solutions				Responsible: EUROCONTROL
AGVN Legacy Number Range allocation or extension status/ ...		Set to accepted	Set to rejected	Responsible: EUROCONTROL
AGVN Legacy Number Range allocation or extension request resolution/ ...		Set to resolved		Responsible: EUROCONTROL
Inform User and ICAO EUR/NAT Office				Responsible: EUROCONTROL
Additional DATES and comments				

END of document

Appendix A: EUR AGVN Legacy Number Range allocation

Table 1. EUR AGVN Numbering Plan

State	ISO3 Code	ICAO Code	Range From	Range To	Quantity
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The latest version of the “EUR AGVN Numbering Plan” is available ~~on the EUROCONTROL AGVN Database~~ [EIPR Dashboard page, https://ext.eurocontrol.int/eipr/agvn/dashboard](https://ext.eurocontrol.int/eipr/agvn/dashboard). The updated information in the ~~AGVN Database~~ [EIPR](https://ext.eurocontrol.int/eipr/agvn/dashboard) takes precedence over Table 1 of Appendix A.

It is recommended to annually update Appendix A of this document to reflect the latest version of the EUROCONTROL AGVN Numbering Plan.

Note 1: Appendix A is provided to the ICAO EUR/NAT Office and it is intended to be updated on annual basis. However, due to security concerns its distribution will be limited and under strict control of ICAO and EUROCONTROL.

Note 2. — A complete list of the AGVN Legacy Number Range allocation or extension requests processed (pending, resolved, rejected) is presented to AST TF on annual basis by EUROCONTROL.

END of Appendix A