

Supporting
European
Aviation



MICA website presentation

MICA Workshop for ICAO MID States
Agenda Item #5


Jérôme BODART

EUROCONTROL MICA Cell

19-20 October 2021



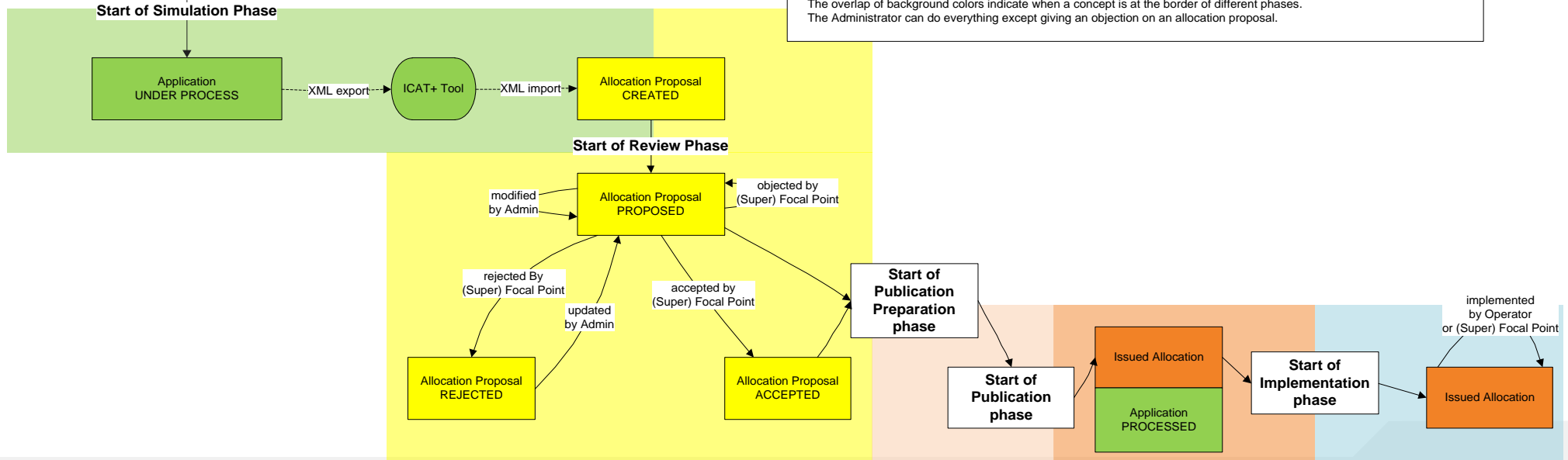
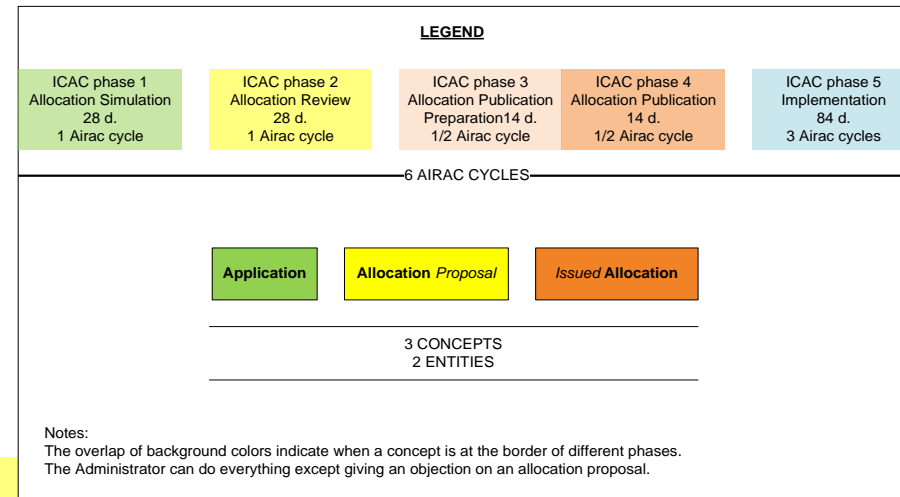
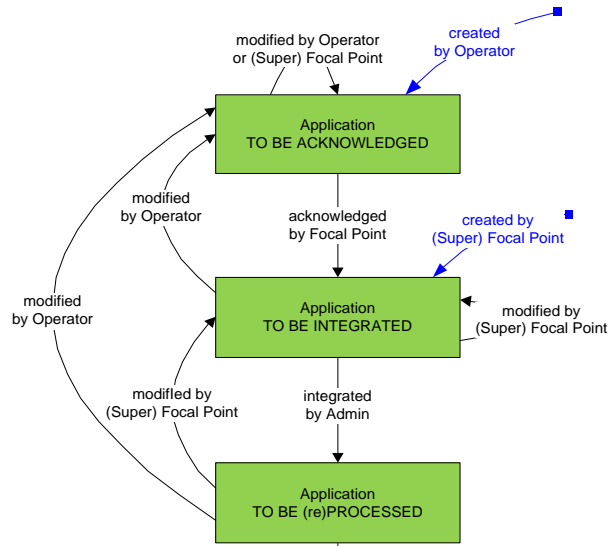
MICA website overview

- The **MICA (Mode S Interrogator Code Allocation) Website** is used to coordinate and manage the allocation of Interrogator Codes (IC) and coverage maps to Mode S radars in the ICAO European region and in the ICAO Middle-East region.
 - Submit IC applications (IC allocation request)
 -  **IC applications have to be submitted a least one year before the planned date of first Mode S transmission**
 - Review the IC allocation proposals
 - To accept/reject IC allocation proposals during the review period (MICA Cycle or Ad-Hoc)
 - Retrieve issued IC allocations with coverage maps
 - Display the coverage maps provided with IC allocations
 - online on Google Map, or kml download for display in Google Earth.
 - Report IC conflicts
 - Download general documentation and information related to MICA cycles



MICA website access

- The access to the MICA website is managed through the EUROCONTROL OneSkyOnline portal.
 - Direct link to MICA website: <https://ext.eurocontrol.int/mica/>
- Who can be registered
 - State Focal Points
 - Mode S Operators representing either civil or military organizations
- Steps to be registered on the MICA website
 - Send a request to the responsible MID Focal Point(s) and State Focal Point(s), if any
 - Self-register on the EUROCONTROL OneSkyOnline portal (see link below)
 - <https://ext.eurocontrol.int/elsh/registerNewUserForApplication.do?eurocontrolresourceid=circa>
 - MID Focal Point(s) will transmit to the MICA Cell the MICA website registration requests they have received and accepted.

Mode S IC Allocation Flow



MICA Website Home Page


MICA
Jerom BODAR [Focal Point] 
 Allocation Simulation - Allocation Review - Allocation Publication Preparation - **Allocation Publication** - Implementation
 Home Radar Applications Allocations Users Conflict Report Download Area Miscellaneous Help Logout

Menu bar to navigate through the MICA website

Home Page

Applications

To be acknowledged	2 in my country
To be integrated	2 in my country
To be Processed	0 in my country
Under process	0 in my country

Allocations

Proposed	0 in my country	0 (total)
Accepted	0 in my country	0 (total)
Refused	0 in my country	0 (total)
Issued	9 in my country	773 (total)
To be Revalidated	3 in my country	140 (total)
Expired	0 in my country	106 (total)

Information

[Contact Administrator](#)
[MICA OneSky Team](#)

User Information

Jerom BODAR (Jeromebodart)

Email: _____

Phone 1: +02 729 4695

Phone 2: _____

Phone 3: _____

Fax: _____

Address: Dummy User

Organisation: _____

Last Login: 2021/02/15

Current Cycle Information: ICAC 34

Simulation Phase:	2020/12/09
Review Phase:	2020/12/31
Publication Preparation Phase:	2021/01/28
Publication Phase:	2021/02/11
Implementation Phase:	2021/02/25
Cycle effective date:	2021/05/20

[View Cycles](#)

Information of user connected on the MICA website

Current MICA Cycle number and current phase/period in the Cycle

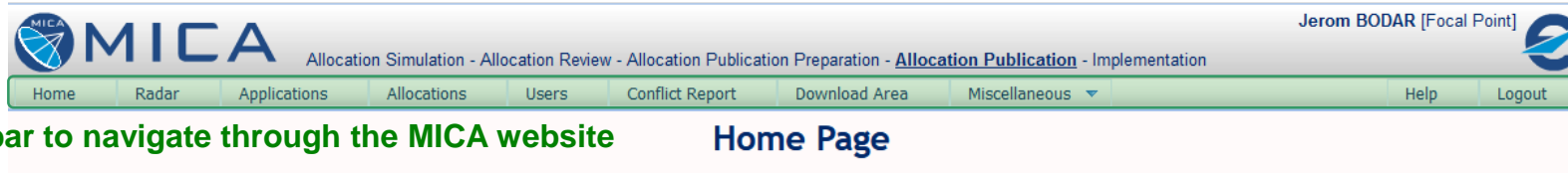
Applications frame: the number of IC applications not yet processed or under process is provided (the number next to each status is a link to filtered IC applications page).

- A Focal Point can see the number of IC applications for the country under his responsibility.
- An Operator can see the number of IC applications for his own organisation.

Allocations frame: the number of IC allocations and their status (the number next to each status is a link to filtered IC allocations page).

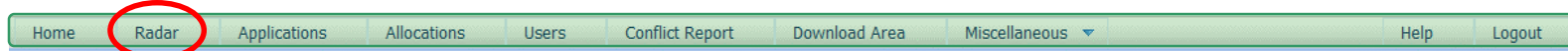
- A Focal Point can see the number of IC allocations for the country under his responsibility and the total number of IC allocations.
- An Operator can see the number of IC allocations for his own organisation.

Navigation in the MICA Website



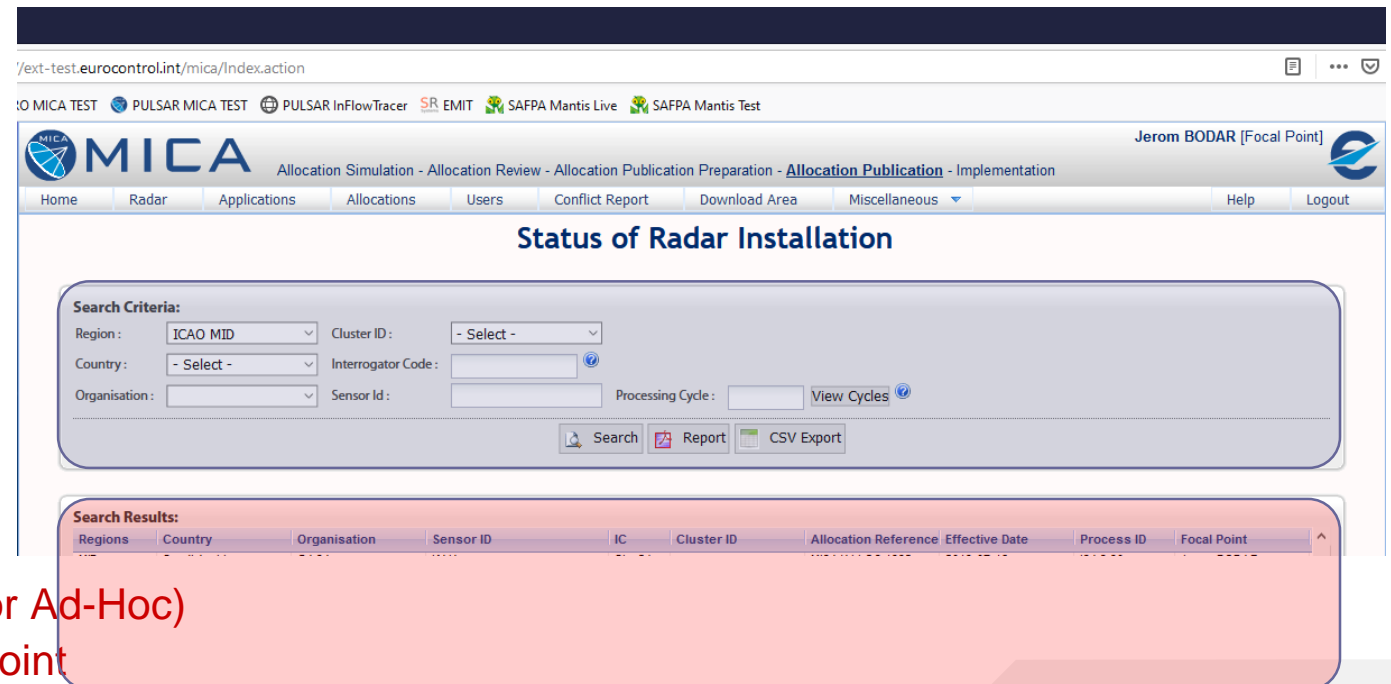
- The Menu bar is used to navigate through the MICA website:
 - 'Radars' : to access the list of Mode S radars for which an IC allocation is issued
 - 'Applications' : to access the existing IC applications or to create a new one
 - 'Allocations' : to access the existing IC allocations (proposed, issued, expired...)
 - 'Users' : to access the contact details of users registered on the MICA website
 - 'Conflict Report' : to access the IC conflict report mechanism in order to report a new IC conflict, to add information about an existing IC conflict, or to consult current and past IC conflicts
 - 'Download Area' : to download documents stored on the MICA web application, e.g. the MICA Conflict Contact List.
 - 'Miscellaneous' : FAQ and Forum not used for the being
 - 'Help' : to access the online User Manual

List of Mode S Radars (Radars button)



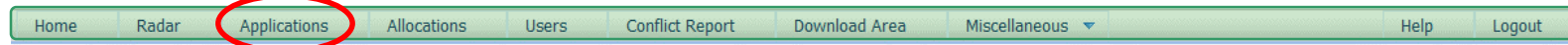
- To display the Status of Radar Installation (i.e. the list of Mode S radars for which an IC allocation is issued).
 - All registered users (all user profiles) have access to the Status of Radar Installation
- The user may fill the “Search Criteria” frame to refine the Mode S radars he wants to display. Then he has to click on “Search” button. The result can be exported in PDF or csv.

- For each Mode S radar, the following Information is displayed:
 - ICAO Region + Country
 - Organisation
 - Name of Mode S radar (Sensor ID)
 - Allocated Interrogator Code (IC)
 - Cluster ID (if the radar is part of a cluster)
 - IC Allocation Reference
 - Effective date of the issued IC allocation
 - Process ID (i.e. the MICA Cycle number or Ad-Hoc)
 - Contact details of the responsible Focal Point

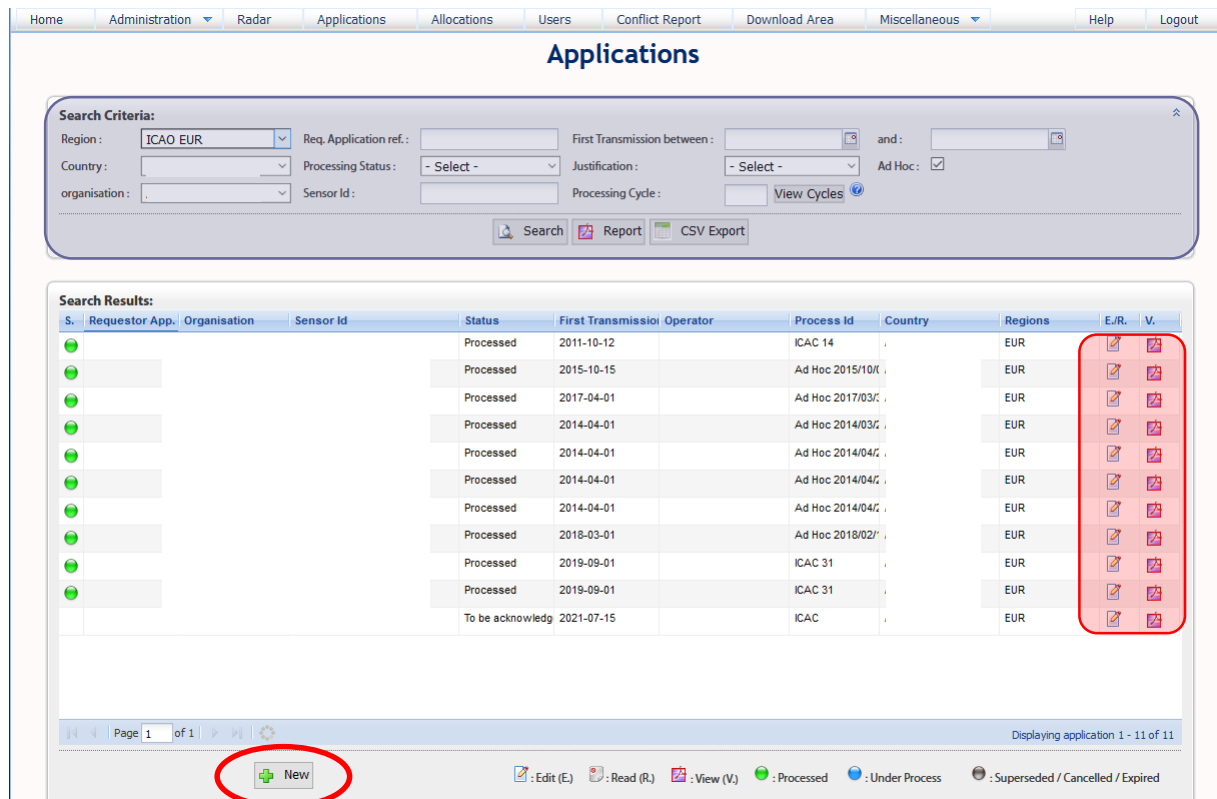


The screenshot shows the MICA website interface. At the top, there is a navigation menu with 'Radars' highlighted. Below the menu, the page title is 'Status of Radar Installation'. There is a search criteria form with the following fields: Region (ICAO MID), Country (- Select -), Organisation, Cluster ID (- Select -), Interrogator Code, Sensor Id, and Processing Cycle. There are buttons for Search, Report, and CSV Export. Below the search criteria is a table for search results with the following columns: Regions, Country, Organisation, Sensor ID, IC, Cluster ID, Allocation Reference, Effective Date, Process ID, and Focal Point.

IC Applications (Applications button)



- Open the “Applications” page
 - **To access existing IC applications or to submit a new IC application.**
 - Access rights to IC applications depends on the user profile.



Search Criteria:

Region : ICAO EUR Req. Application ref.: First Transmission between : and :
 Country : Processing Status : - Select - Justification : - Select - Ad Hoc :
 organisation : Sensor Id : Processing Cycle : View Cycles

Search Report CSV Export

Search Results:

S.	Requestor App.	Organisation	Sensor Id	Status	First Transmissi	Operator	Process Id	Country	Regions	E.J.R.	V.
1				Processed	2011-10-12		ICAC 14		EUR		
2				Processed	2015-10-15		Ad Hoc 2015/10/...		EUR		
3				Processed	2017-04-01		Ad Hoc 2017/03/...		EUR		
4				Processed	2014-04-01		Ad Hoc 2014/03/...		EUR		
5				Processed	2014-04-01		Ad Hoc 2014/04/...		EUR		
6				Processed	2014-04-01		Ad Hoc 2014/04/...		EUR		
7				Processed	2014-04-01		Ad Hoc 2014/04/...		EUR		
8				Processed	2018-03-01		Ad Hoc 2018/02/...		EUR		
9				Processed	2019-09-01		ICAC 31		EUR		
10				Processed	2019-09-01		ICAC 31		EUR		
11				To be acknowledg	2021-07-15		ICAC		EUR		

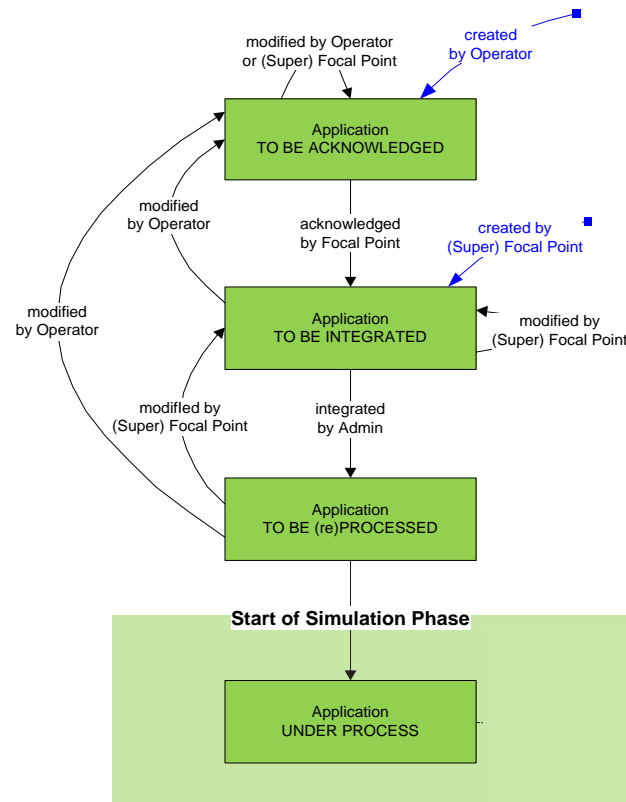
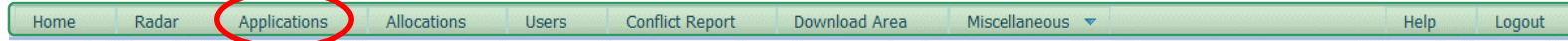
Page 1 of 1

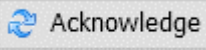
Displaying application 1 - 11 of 11

New Edit (E) Read (R) View (V) Processed Under Process Superseded / Cancelled / Expired

- “Search Criteria” frame to refine the IC applications to display.
- The result can be exported in PDF or csv.
- To submit a new IC application, the user has to click on the **+ New** button (located at the bottom of the page) and to provide the required information in the “Application Creation” page.
- To edit an IC application which has not been processed (“Application Update” page), the user can double click on the IC application line or on the Edit button.
- The user can export an IC application in PDF.

IC Application Status



- The status of a new IC application depends on the profile of the user who created it.
 - A Focal Point can create an IC application for any organisation in his area of oversight (in the country under his responsibility).
 - An Operator can create an IC application for his own organisation.
- IC applications created by Operators have to be reviewed and acknowledged by the responsible Focal Point.
 - The responsible Focal Point has to edit the IC application (“Application Update” page) to review it and acknowledge it.
 - There is an  Acknowledge button located at the bottom of the page.
- IC applications filtered per status can be access from the “Applications” page (see previous slide) or from the Home Page

IC Application Creation Window

MICA Allocation Simulation - Allocation Review - Allocation Publication Preparation - Allocation Publication - **Implementation**

Home Administration Radar Applications Allocations Users Conflict Report Download Area Miscellaneous Help Logout

Application Creation

Radar Application Sectors Documents

Application Reference
Requestor Application reference:

Radar Information

SensorId: Sensor Type: Fixed Sensor Use: Operational

Latitude: ° ' NORTH Longitude: ° ' EAST

Antenna centre height above ground: m
Ground Altitude above mean sea level: m
Rotation Period: s

Organisation: Abu Dhabi Airports Con Operator: - Select -
Manufacturer: Model:

Requested Information

Planned date of first transmission: Temporary Allocation: Planned date of end transmission:

II Code Requested: Support SI Codes:
Coverage Map re-extension: Support II/SI mode of operation:
Ad-Hoc process Requested: EMS Coverage Map ICD compliant:

Station in Cluster:

Comment:

Mica v2.14.0.0 Powered by Pulsar Consulting

“Sectors” button to provide the requested range

Radar Application Sectors Documents

Range

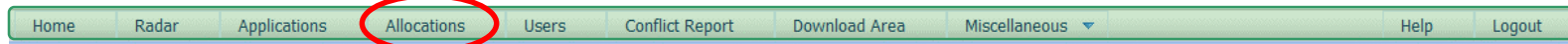
Start Azimuth (deg)	End Azimuth (deg)	Range (NM)
0	360	256

Sector

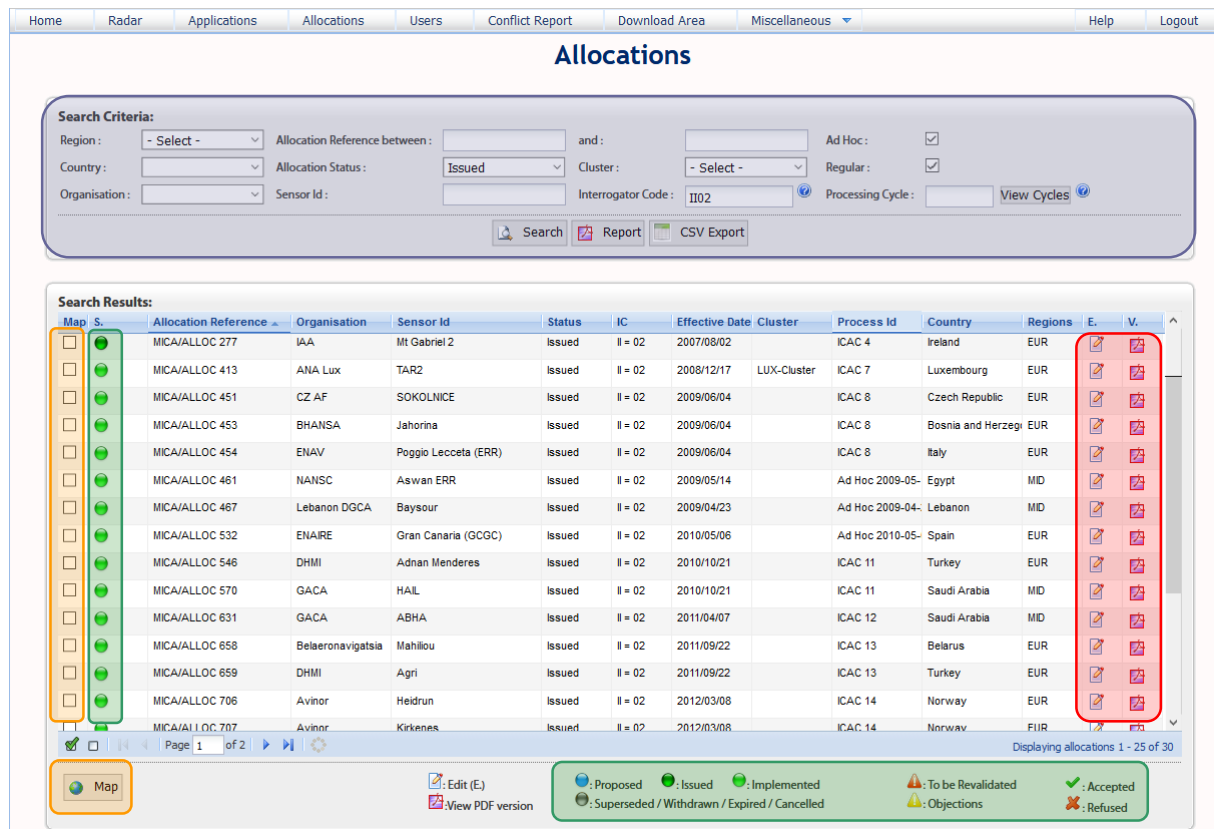
Start Azimuth (deg): 360
End Azimuth (deg):
Requested Range (NM):

Submit Cancel Add Edit Last Remove Last

IC Allocations (‘Allocations’ button)



- Open the “Allocations” page.
 - **To access all IC allocations: IC allocations proposals, issued IC allocations...**
 - Access rights to IC allocations depends on the user profile.



Allocations

Search Criteria:

Region: Allocation Reference between: and: Ad Hoc:

Country: Allocation Status: Cluster: Regular:

Organisation: Sensor Id: Interrogator Code: Processing Cycle: [View Cycles](#)

Search Results:

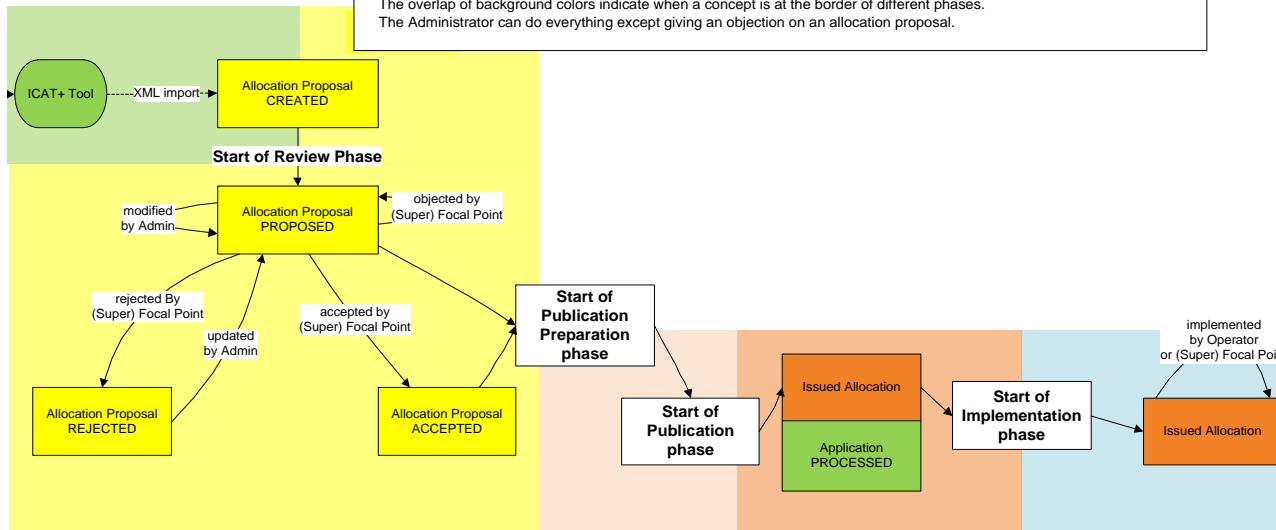
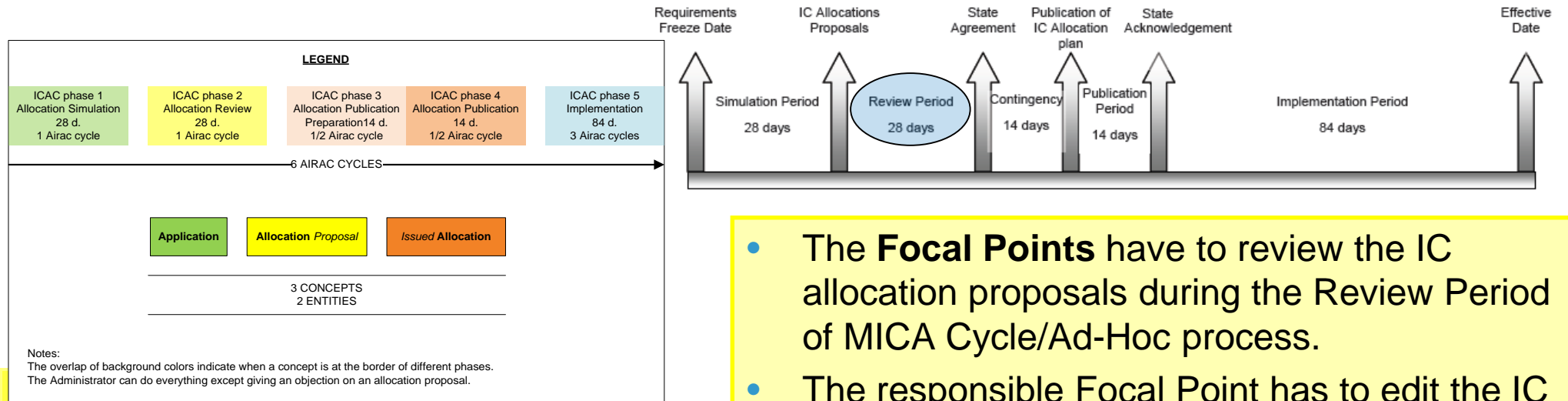
Map	S.	Allocation Reference	Organisation	Sensor Id	Status	IC	Effective Date	Cluster	Process Id	Country	Regions	E.	V.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 277	IAA	Mt Gabriel 2	Issued	II = 02	2007/08/02		ICAC 4	Ireland	EUR	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 413	ANA Lux	TAR2	Issued	II = 02	2008/12/17	LUX-Cluster	ICAC 7	Luxembourg	EUR	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 451	CZ AF	SOKOLNICE	Issued	II = 02	2009/06/04		ICAC 8	Czech Republic	EUR	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 453	BHANSNA	Jahorina	Issued	II = 02	2009/06/04		ICAC 8	Bosnia and Herzeg	EUR	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 454	ENAV	Poggio Lecceta (ERR)	Issued	II = 02	2009/06/04		ICAC 8	Italy	EUR	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 461	NANSC	Aswan ERR	Issued	II = 02	2009/05/14		Ad Hoc 2009-05-	Egypt	MD	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 467	Lebanon DGCA	Baysour	Issued	II = 02	2009/04/23		Ad Hoc 2009-04-	Lebanon	MD	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 532	ENAIARE	Gran Canaria (GCGC)	Issued	II = 02	2010/05/06		Ad Hoc 2010-05-	Spain	EUR	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 546	DHMI	Adnan Menderes	Issued	II = 02	2010/10/21		ICAC 11	Turkey	EUR	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 570	GACA	HAIL	Issued	II = 02	2010/10/21		ICAC 11	Saudi Arabia	MD	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 631	GACA	ABHA	Issued	II = 02	2011/04/07		ICAC 12	Saudi Arabia	MD	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 658	Belaeonavigatsia	Mahilou	Issued	II = 02	2011/09/22		ICAC 13	Belarus	EUR	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 659	DHMI	Agri	Issued	II = 02	2011/09/22		ICAC 13	Turkey	EUR	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 706	Avinor	Heidrun	Issued	II = 02	2012/03/08		ICAC 14	Norway	EUR	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	MICA/ALLOC 707	Avinor	Kirkenes	Issued	II = 02	2012/03/08		ICAC 14	Norway	FIIR	<input type="checkbox"/>	<input type="checkbox"/>

Page 1 of 2 | Displaying allocations 1 - 25 of 30

Proposed
 Issued
 Implemented
 To be Revalidated
 Accepted
 Superseded / Withdrawn / Expired / Cancelled
 Objections
 Refused

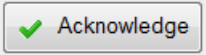

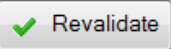
- “Search Criteria” frame to refine the IC allocations to display.
- The result can be exported in PDF or csv.
- Click on the IC allocation line or on the Edit button to access the details of an IC allocation (“Allocation Details” page)
- The user can export a detailed IC allocation in PDF.
- The Status of an IC allocation is provided by the bullet in front of the IC allocation
- Select coverage map and click on “Map” button to display in Google Map or export in kml.

IC Allocation Proposals

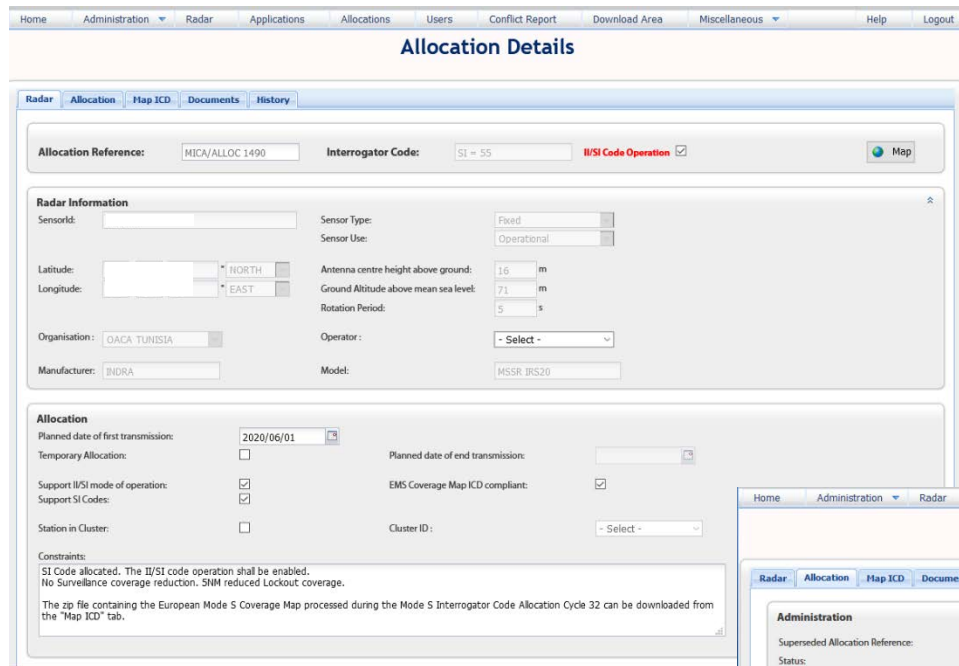


- The **Focal Points** have to review the IC allocation proposals during the Review Period of MICA Cycle/Ad-Hoc process.
- The responsible Focal Point has to edit the IC allocation proposal to access the “Allocation Details” page and to review it.
- The responsible Focal Point has to accept or reject IC allocation proposals for Mode S radars within their area of oversight (State) before the end of the review period on the MICA website, using the button at the bottom of the “Allocation Details” page.

Issued IC allocations

- Once an **IC allocation is issued**, the responsible **Focal Point has to acknowledge** it on the MICA website, using the  button at the bottom of the “Allocation Details” page.
- Once an issued **IC allocation is implemented** in a Mode S radar, **the responsible Operator or Focal Point has to confirm the implementation** on the MICA website, using the  button at the bottom of the “Allocation Details” page.
- **Every 5 years the responsible Focal Points has to revalidate the issued IC allocations** in order to confirm that the IC allocation is still used and should not be withdrawn, using the  button at the bottom of the “Allocation Details” page.

Allocation Details – Online version



Allocation Details

Home Administration Radar Applications Allocations Users Conflict Report Download Area Miscellaneous Help Logout

Radar Allocation **Map ICD** Documents History

Allocation Reference: MICA/ALLOC 1490 Interrogator Code: SI = 55 II/SI Code Operation Map

Radar Information

SensorId: [] Sensor Type: Fixed Sensor Use: Operational

Latitude: [] NORTH Longitude: [] EAST

Antenna centre height above ground: 16 m
Ground Altitude above mean sea level: 71 m
Rotation Period: 5 s

Organisation: OACA TUNISIA Operator: - Select -
Manufacturer: INDRA Model: MSSR IRS20

Allocation

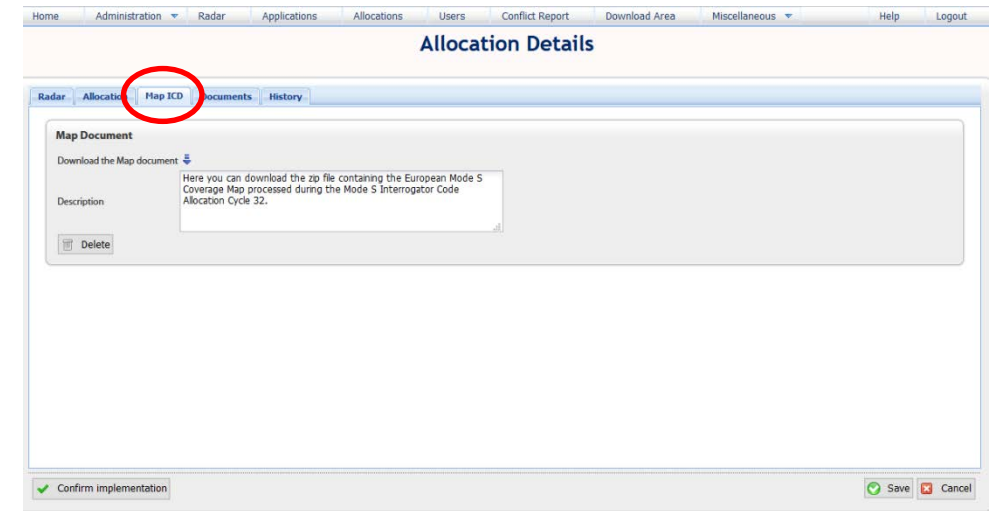
Planned date of first transmission: 2020/06/01
Temporary Allocation: Planned date of end transmission: []

Support II/SI mode of operation: EMS Coverage Map ICD compliant:
Support SI Codes:
Station in Cluster: Cluster ID: - Select -

Constraints:

SI Code allocated. The II/SI code operation shall be enabled.
No Surveillance coverage reduction. SNM reduced Lockout coverage.

The zip file containing the European Mode S Coverage Map processed during the Mode S Interrogator Code Allocation Cycle 32 can be downloaded from the "Map ICD" tab.



Home Administration Radar Applications Allocations Users Conflict Report Download Area Miscellaneous Help Logout

Allocation Details

Radar Allocation **Map ICD** Documents History

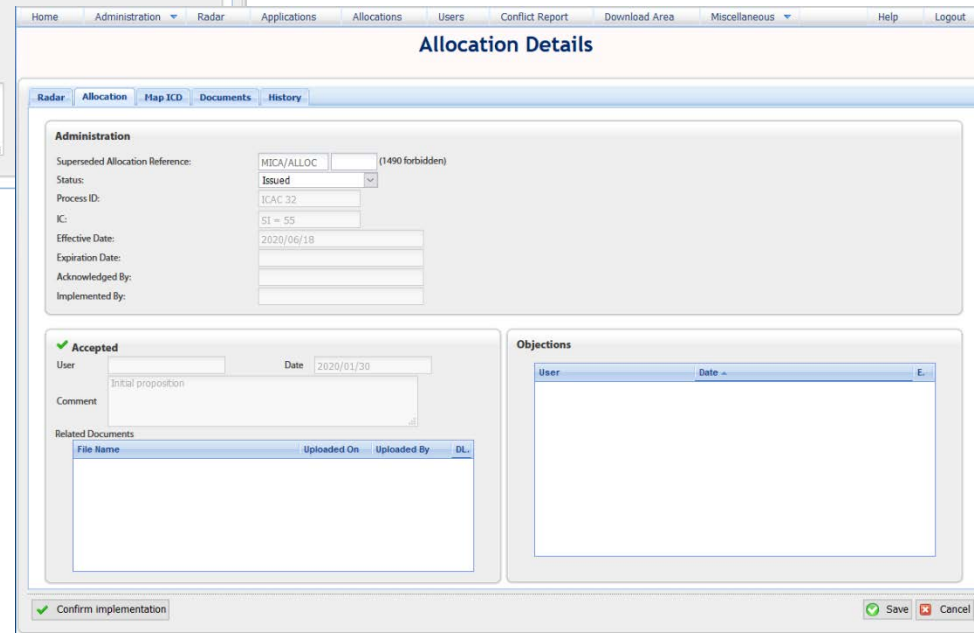
Map Document

Download the Map document

Description: Here you can download the zip file containing the European Mode S Coverage Map processed during the Mode S Interrogator Code Allocation Cycle 32.

Delete

Confirm implementation Save Cancel



Home Administration Radar Applications Allocations Users Conflict Report Download Area Miscellaneous Help Logout

Allocation Details

Radar Allocation **Map ICD** Documents History

Administration

Superseded Allocation Reference: MICA/ALLOC (1490 forbidden)
Status: Issued
Process ID: ICAC 32
IC: SI = 55
Effective Date: 2020/06/18
Expiration Date: []
Acknowledged By: []
Implemented By: []

Accepted

User: [] Date: 2020/01/30
Comment: Initial proposition

Related Documents

File Name	Uploaded On	Uploaded By	DL
-----------	-------------	-------------	----

Objections

User: [] Date: []

Confirm implementation Save Cancel

- “Map ICD” tab to download the coverage map in EMS format if Available
- If EMS format not supported, range per sector provided in “Sectors” tab

IC Allocation Details in PDF

Mode S IC Allocation Cell



IC Allocation

MICA/ALLOC 1490

Supersedes the following allocation(s)

NONE

II/SI Code Operation

YES

Interrogator Code

SI = 55

Radar Information

Your Application Reference:

Sensor Id

Operator

Latitude

Longitude

Sensor Type Fixed

Sensor Use Operational

Key Dates

Review Date: 30 January 2020

Planned first transmission: 01 June 2020

Issue Date: 03 March 2020

Planned end transmission:

Effective Date: 18 June 2020

1/3

Mode S IC Allocation Cell



IC Allocation

MICA/ALLOC 1490

Allocation Details

Allocation Cycle : Cycle 32

EMS Coverage Map ICD compliant: Yes

Map ICD Identification :

Station In Cluster: No

Cluster Id:

Second IC requested:

Second IC:

Allocation Constraints:

SI Code allocated. The II/SI code operation shall be enabled.
No Surveillance coverage reduction. SNM reduced Lockout coverage.

The zip file containing the European Mode S Coverage Map processed during the Mode S Interrogator Code Allocation Cycle 32 can be downloaded from the "Map ICD" tab.

Maps (ICD / Sector)

Lockout



Surveillance



2/3

Mode S IC Allocation Cell



IC Allocation

MICA/ALLOC 1490

Additional Radar Information

Antenna centre height above ground : 16 m

Ground altitude above mean sea level : 71 m

Rotation Period : 5 s

Manufacturer : INDRA

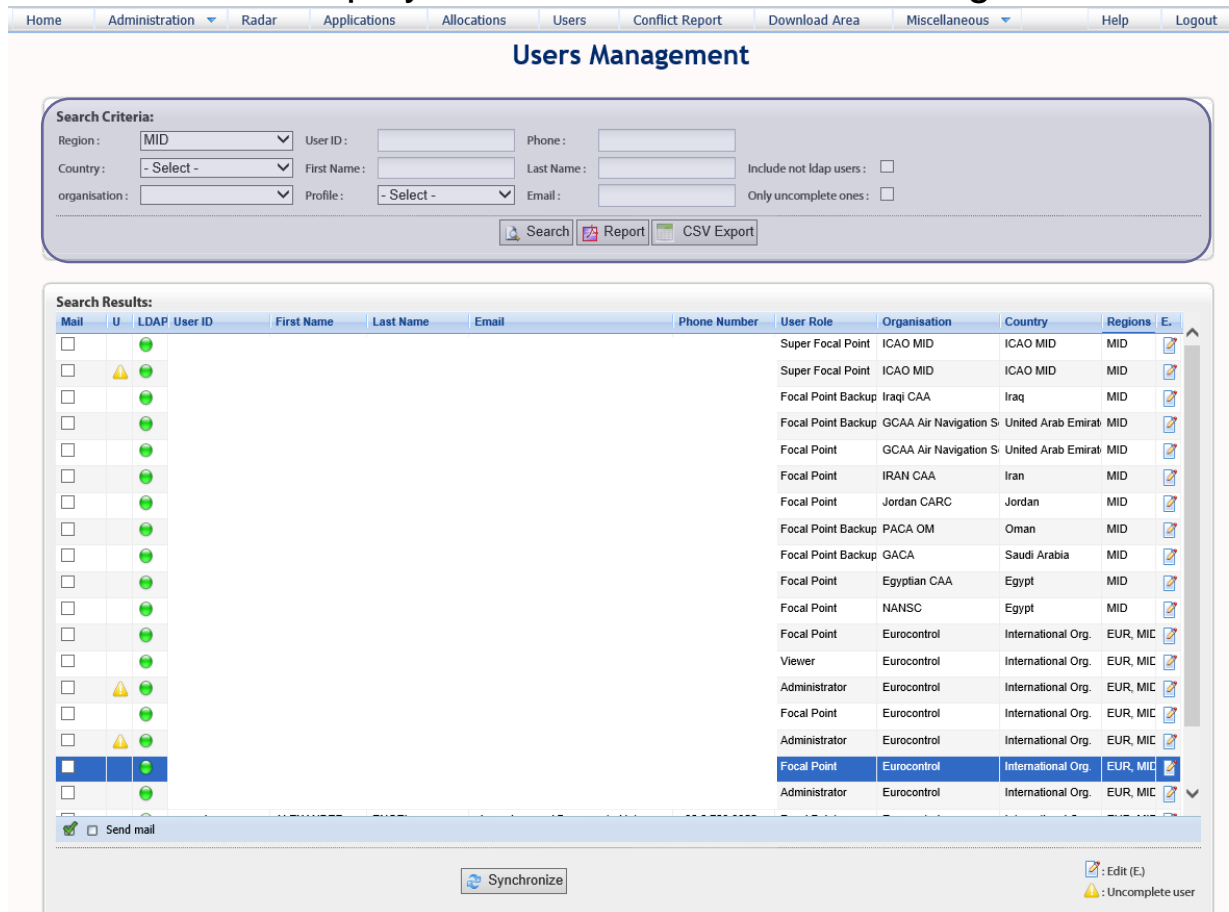
Model : MSSR IRS20

3/3

List of Registered Users ('Users' button)



- Open the "User Management" page.
 - To display the list of users which are registered on the MICA website



Search Criteria:

Region: MID | User ID: | Phone: |
 Country: - Select - | First Name: | Last Name: | Include not ldap users:
 organisation: | Profile: - Select - | Email: | Only uncomplete ones:

Search Report CSV Export

Search Results:

Mail	U	LDAP	User ID	First Name	Last Name	Email	Phone Number	User Role	Organisation	Country	Regions	E
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Super Focal Point	ICAO MID	ICAO MID	MID	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Super Focal Point	ICAO MID	ICAO MID	MID	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Focal Point Backup	Iraqi CAA	Iraq	MID	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Focal Point Backup	GCAA Air Navigation S	United Arab Emirat	MID	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Focal Point	GCAA Air Navigation S	United Arab Emirat	MID	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Focal Point	IRAN CAA	Iran	MID	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Focal Point	Jordan CARC	Jordan	MID	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Focal Point Backup	PACA OM	Oman	MID	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Focal Point Backup	GACA	Saudi Arabia	MID	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Focal Point	Egyptian CAA	Egypt	MID	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Focal Point	NANSC	Egypt	MID	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Focal Point	Eurocontrol	International Org.	EUR, MIC	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Viewer	Eurocontrol	International Org.	EUR, MIC	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Administrator	Eurocontrol	International Org.	EUR, MIC	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Focal Point	Eurocontrol	International Org.	EUR, MIC	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Administrator	Eurocontrol	International Org.	EUR, MIC	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Focal Point	Eurocontrol	International Org.	EUR, MIC	<input type="checkbox"/>
<input type="checkbox"/>		<input checked="" type="checkbox"/>						Administrator	Eurocontrol	International Org.	EUR, MIC	<input type="checkbox"/>

Send mail Synchronize Edit (E) Uncomplete user

- "Search Criteria" frame to refine the users to display.
- The result can be exported in PDF or csv.
- For each user, the following information is provided
 - First Name and Last Name
 - E-mail address
 - Phone Number
 - User role (profile)
 - Organisation
 - Country
 - ICAO Region

User Access Rights

- 6 different profiles (user role) are defined in the MICA web.
 - **Administrator:** members of EUROCONTROL MICA Cell
 - **ICAO MID Super Focal Point:** ICAO MID regional officer who coordinates the IC allocation in the ICAO MID region
 - **Focal Point:** a person representing a competent State or an international organisation applying for interrogator codes, who is responsible for the coordination of all matters concerning the IC allocations between the EUROCONTROL MICA Cell and the Mode S Operators in his area of oversight.
 - **Mode S Operator:** a person, organisation or enterprise operating or offering to operate a Mode S radar, including:
 - Air navigation service providers;
 - Mode S interrogators manufacturers;
 - Airport operators;
 - Military authorities;
 - **Inspector:** oversight of IC applications and IC allocations for Mode S radars installed or planned to be in a country
 - **Viewer:** “public” access

Super Focal Point Access Rights

- Applications:
 - Read/Write detailed access to IC applications from all countries in his ICAO Region (read/write “Edit” access + PDF)
 - No access to IC applications from countries in other ICAO regions.
- Allocations:
 - Detailed access to IC allocations for all countries in his ICAO region (read only “Edit” access + PDF).
 - High level access to IC allocations for countries in other ICAO regions (no “Edit” access, no PDF).
- Visualization in Google Earth (KML export):
 - The radar position, the surveillance coverage and the lockout coverage allocated to Mode S radars from his own ICAO region only.
- Visualization in Google Map:
 - The surveillance coverage and lockout coverage allocated to Mode S radars both in his own ICAO region and in other ICAO regions.
 - Only the position of radars located in his own ICAO region is disclose.
 - The position of radars located in other ICAO regions is not disclose.

Focal Point Access Rights

- Applications:
 - Read/Write detailed access to IC applications from his own country (read/write “Edit” access + PDF)
 - Read Only detailed access to IC applications from other countries in the same ICAO region (PDF only).
 - No access to IC applications from countries in other ICAO regions.
- Allocations:
 - Detailed access to IC allocations for countries in the same ICAO region (read only “Edit” access + PDF).
 - High level access to IC allocations for countries in other ICAO regions (no “Edit” access, no PDF).
- Visualization in Google Earth (KML export):
 - The radar position, the surveillance coverage and the lockout coverage allocated to Mode S radars from his own country only.
- Visualization in Google Map:
 - The surveillance coverage and lockout coverage allocated to Mode S radars both in his own ICAO region and in other ICAO regions.
 - Only the position of radars located in his own country is disclose.

Operator Access Rights

- Applications:
 - Detailed access to applications from his own organisation (read/write “Edit” access + PDF).
 - No access to applications from other organisations.
- Allocations:
 - Detailed access to allocations for his own organisation (read only “Edit” access + PDF).
 - High level access to allocations for other organisations (no “Edit” access, no PDF).
- Visualization in Google Earth (KML export)
 - The radar position, the surveillance coverage and the lockout coverage allocated to Mode S radars from his own organisation only.
- Visualization in Google Map:
 - The surveillance coverage and lockout coverage allocated to Mode S radars in all ICAO regions.
 - The position of radars from his own organisation only is disclose.
 - The position of radars from other organisations is not disclose.

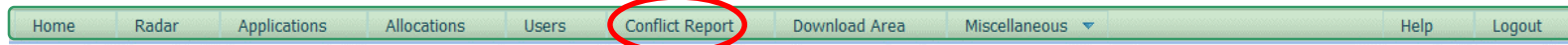
Inspector Access Rights

- Applications:
 - Detailed access in Read Only to applications from his own country (read only “Edit” access + PDF).
 - No access to applications from other countries.
- Allocations:
 - Detailed access to allocations for his own country (read only “Edit” access + PDF).
 - High level access to allocations for other countries (no “Edit” access, no PDF).
- Visualization in Google Earth (KML export):
 - The radar position, the surveillance coverage and the lockout coverage allocated to Mode S radars from his own country.
- Visualization in Google Map:
 - The surveillance coverage and lockout coverage allocated to Mode S radars in all ICAO regions.
 - The position of radars from his own country only is disclose.
 - The position of radars located in other countries is not disclose.

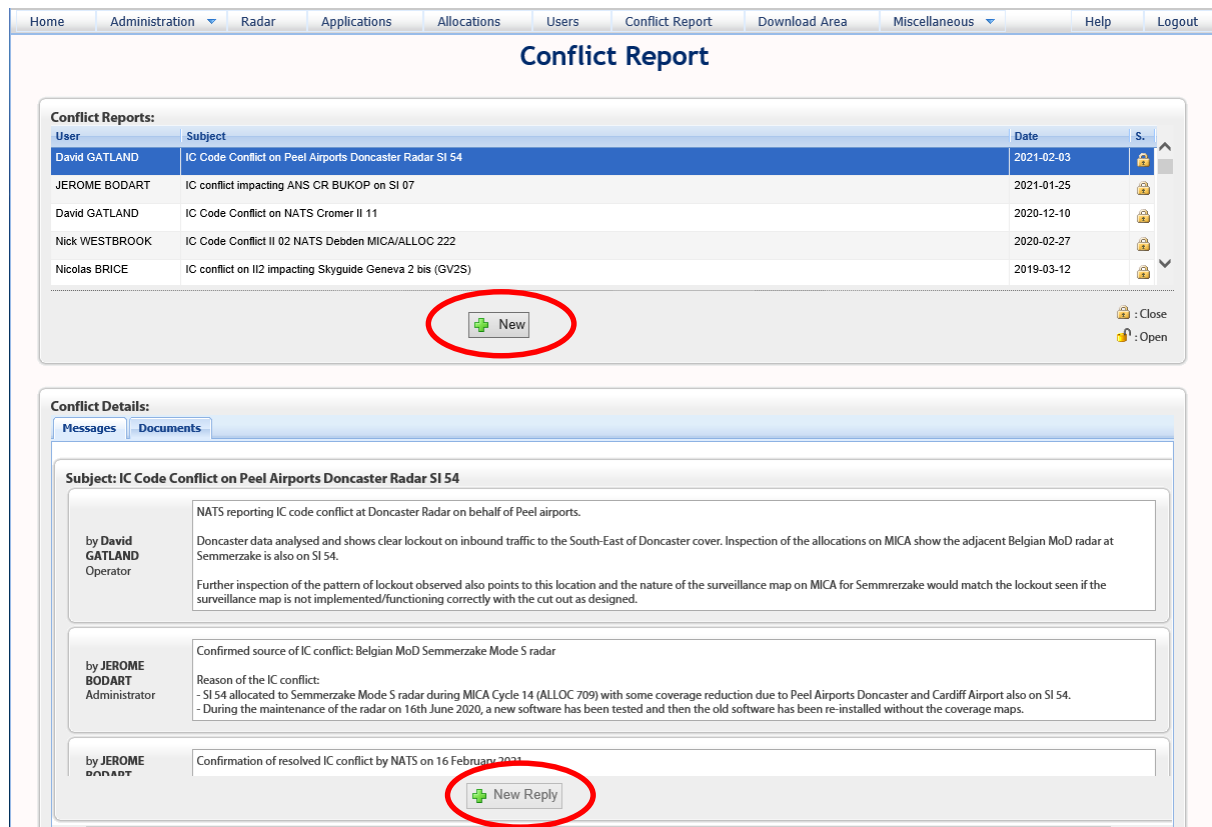
Viewer Access Rights

- The Viewer has only access to the list of Mode S radars for which an IC allocation is issued (“Radars” button).

IC conflict reporting (Conflict Report button)



- Open the “Conflict Report” page.
 - To access the list of reported IC conflicts, or to report a new IC conflict.



Home Administration Radar Applications Allocations Users Conflict Report Download Area Miscellaneous Help Logout

Conflict Report

Conflict Reports:

User	Subject	Date	S.
David GATLAND	IC Code Conflict on Peel Airports Doncaster Radar SI 54	2021-02-03	🔒
JEROME BODART	IC conflict impacting ANS CR BUKOP on SI 07	2021-01-25	🔒
David GATLAND	IC Code Conflict on NATS Cromer II 11	2020-12-10	🔒
Nick WESTBROOK	IC Code Conflict II 02 NATS Debden MICA/ALLOC 222	2020-02-27	🔒
Nicolas BRICE	IC conflict on I12 impacting Skyguide Geneva 2 bis (GV2S)	2019-03-12	🔒

New : Close : Open

Conflict Details:

Messages Documents

Subject: IC Code Conflict on Peel Airports Doncaster Radar SI 54

by David GATLAND Operator
NATS reporting IC code conflict at Doncaster Radar on behalf of Peel airports.
Doncaster data analysed and shows clear lockout on inbound traffic to the South-East of Doncaster cover. Inspection of the allocations on MICA show the adjacent Belgian MoD radar at Semmerzake is also on SI 54.
Further inspection of the pattern of lockout observed also points to this location and the nature of the surveillance map on MICA for Semmerzake would match the lockout seen if the surveillance map is not implemented/functioning correctly with the cut out as designed.

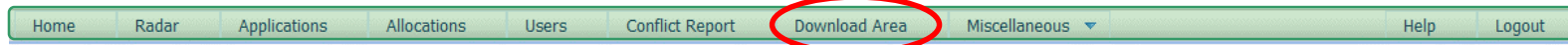
by JEROME BODART Administrator
Confirmed source of IC conflict: Belgian MoD Semmerzake Mode S radar
Reason of the IC conflict:
- SI 54 allocated to Semmerzake Mode S radar during MICA Cycle 14 (ALLOC 709) with some coverage reduction due to Peel Airports Doncaster and Cardiff Airport also on SI 54.
- During the maintenance of the radar on 16th June 2020, a new software has been tested and then the old software has been re-installed without the coverage maps.

by JEROME BODART
Confirmation of resolved IC conflict by NATS on 16 February 2021

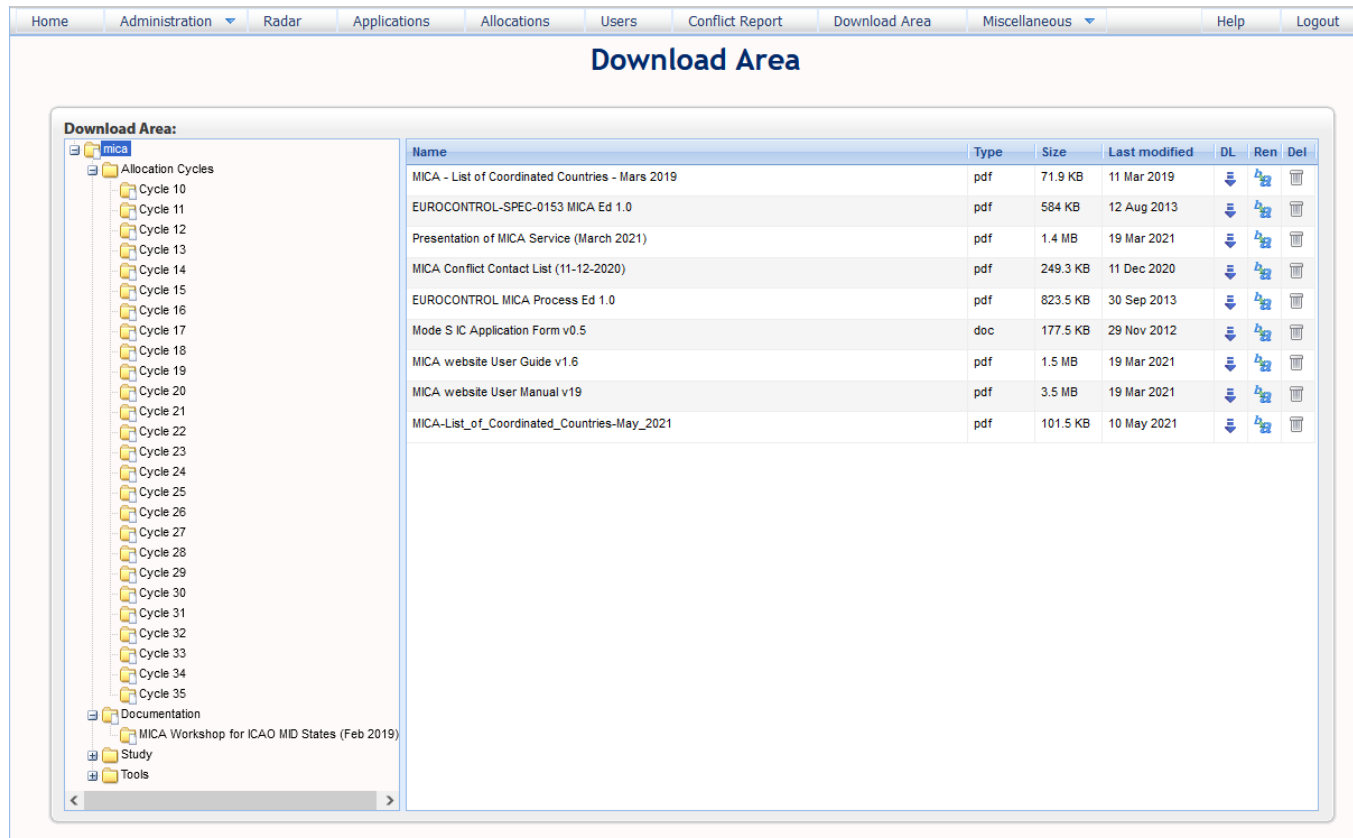
New Reply

- The user can report a new IC conflict by clicking on “New” button.
- Any user can add information to an existing IC conflict report by clicking on “New Reply”

Download Area (Download Area button)



- Open the “Download Area” page.
 - To access documents and tools related to Mode S IC Allocation.



Download Area

Name	Type	Size	Last modified	DL	Ren	Del
MICA - List of Coordinated Countries - Mars 2019	pdf	71.9 KB	11 Mar 2019	DL	Ren	Del
EUROCONTROL-SPEC-0153 MICA Ed 1.0	pdf	584 KB	12 Aug 2013	DL	Ren	Del
Presentation of MICA Service (March 2021)	pdf	1.4 MB	19 Mar 2021	DL	Ren	Del
MICA Conflict Contact List (11-12-2020)	pdf	249.3 KB	11 Dec 2020	DL	Ren	Del
EUROCONTROL MICA Process Ed 1.0	pdf	823.5 KB	30 Sep 2013	DL	Ren	Del
Mode S IC Application Form v0.5	doc	177.5 KB	29 Nov 2012	DL	Ren	Del
MICA website User Guide v1.6	pdf	1.5 MB	19 Mar 2021	DL	Ren	Del
MICA website User Manual v19	pdf	3.5 MB	19 Mar 2021	DL	Ren	Del
MICA-List_of_Coordinated_Countries-May_2021	pdf	101.5 KB	10 May 2021	DL	Ren	Del

Download Area:

- mica
 - Allocation Cycles
 - Cycle 10
 - Cycle 11
 - Cycle 12
 - Cycle 13
 - Cycle 14
 - Cycle 15
 - Cycle 16
 - Cycle 17
 - Cycle 18
 - Cycle 19
 - Cycle 20
 - Cycle 21
 - Cycle 22
 - Cycle 23
 - Cycle 24
 - Cycle 25
 - Cycle 26
 - Cycle 27
 - Cycle 28
 - Cycle 29
 - Cycle 30
 - Cycle 31
 - Cycle 32
 - Cycle 33
 - Cycle 34
 - Cycle 35
 - Documentation
 - MICA Workshop for ICAO MID States (Feb 2019)
 - Study
 - Tools

- The following documents are available:
 - MICA Specification and MICA Process
 - MICA website User Guide and User Manual
 - Mode S IC application form
 - MICA Conflict contact list
 - For each MICA Cycle
 - MICA Status presentation
 - Implementation Sequence
 - Presentation from MICA workshops for ICAO MID States
 - ...

Information and Contact

- **EUROCONTROL website**
 - <https://www.eurocontrol.int/function/mode-s-interrogator-code-allocation>
- **MICA website**
 - The access to the MICA website is managed through the EUROCONTROL OneSkyOnline portal.
 - Direct link : <https://ext.eurocontrol.int/mica/>
- **EUROCONTROL MICA Cell contact**
 - mica@eurocontrol.int