



MICA Website Presentation

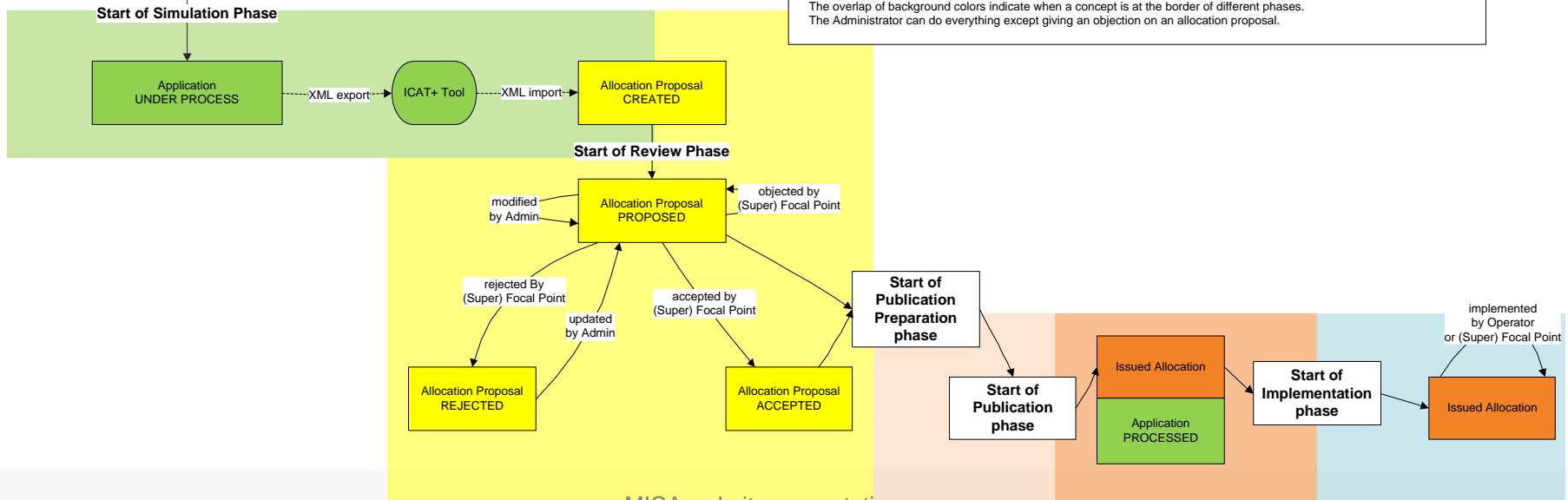
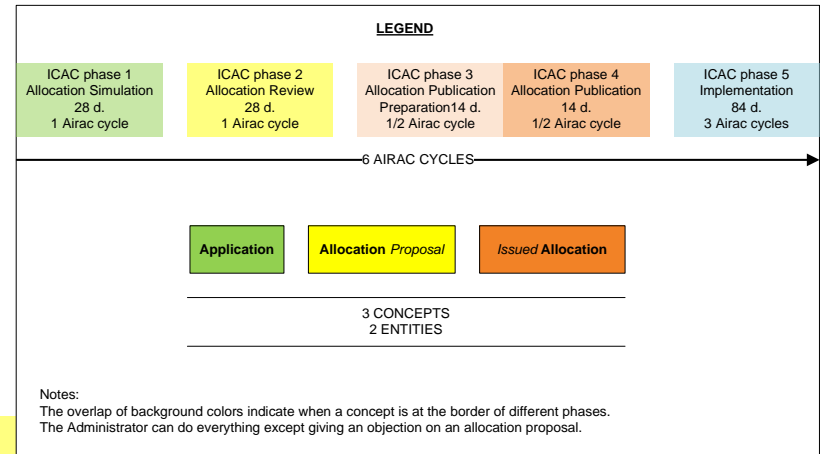
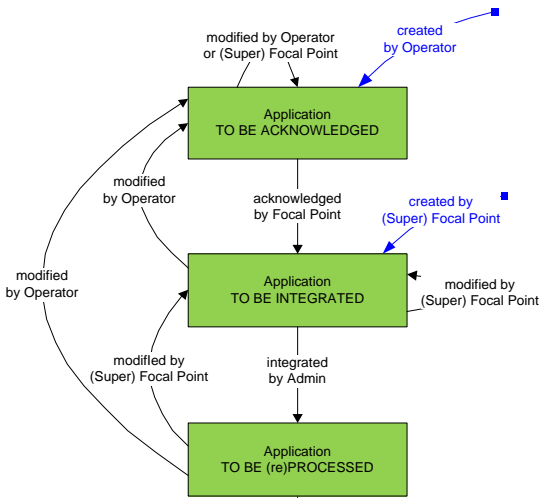
Surveillance/MICA Workshop

Jérôme Bodart
26-28 February 2019

MICA website overview

- The Mode S Interrogator Code Allocation (MICA) website is used to coordinate and manage the allocation of IC and coverage maps to Mode S radar in the ICAO EUR region and in the ICAO MID region.
 - submit IC applications
 - review IC allocation proposals
 - retrieve issued IC allocations with coverage maps
 - report IC conflict
- The MICA website provides a graphical representation of the coverage maps provided with the IC allocations
 - online on Google Map or through download in Google Earth.
- The access to the MICA website is managed through the Eurocontrol OneSkyOnline portal.

Mode S IC Allocation Flow



MICA website Home Page



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

Home Radars Applications Allocations Users Conflict Report Download Area Logout Help

Jérôm BODAR [Focal Point]

Menu bar to navigate through the MICA website

Home page

Applications
To be acknowledged: [0 in my country](#)
To be integrated: [0 in my country](#)
To be Processed: [0 in my country](#)
Under process: [0 in my country](#)

Allocations
Proposed: [0 in my country](#) [16 \(total\)](#)
Accepted: [0 in my country](#) [1 \(total\)](#)
Refused: [0 in my country](#) [0 \(total\)](#)
Issued: [0 in my country](#) [433 \(total\)](#)
Expired: [0 in my country](#) [29 \(total\)](#)

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

User Information
Jérôm BODAR (jeromebodart)
Email: bodartjerome@hotmail.com
Phone 1: +32 2 7294695
Phone 2: -
Phone 3: -
Fax: -
Address: -
Organisation: Eurocontrol
Last Login: 2012/09/25

Current Cycle Information: ICAC 16
Simulation Phase: 2012/08/23
Review Phase: 2012/09/20
Publication Preparation Phase: 2012/10/18
Publication Phase: 2012/11/01
Implementation Phase: 2012/11/15

Applications: the number of IC applications not yet processed or under process is provided.

- 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 organisation.

Allocations: the number of IC allocations and their status.

- 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 organisation.

Home Page

Applications

To be acknowledged [0 in my country](#)
 To be integrated [0 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 [0 in my country](#) [710 \(total\)](#)
 To be Revalidated [0 in my country](#) [27 \(total\)](#)
 Expired [0 in my country](#) [90 \(total\)](#)

Information

[Contact Administrator](#)

[MICA OneSky Team](#)

User Information

Jérôm BODAR (Jeromebodart)

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 Phone 1: +32 2 7294695
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 Address: Dummy User
 Organisation: Eurocontrol
 Last Login: 2019/01/30

Current Cycle Information: ICAC 30

Simulation Phase: 2019/01/31
 Review Phase: 2019/02/28
 Publication Preparation Phase: 2019/03/28
 Publication Phase: 2019/04/11
 Implementation Phase: 2019/04/25
 Cycle effective date: 2019/07/18

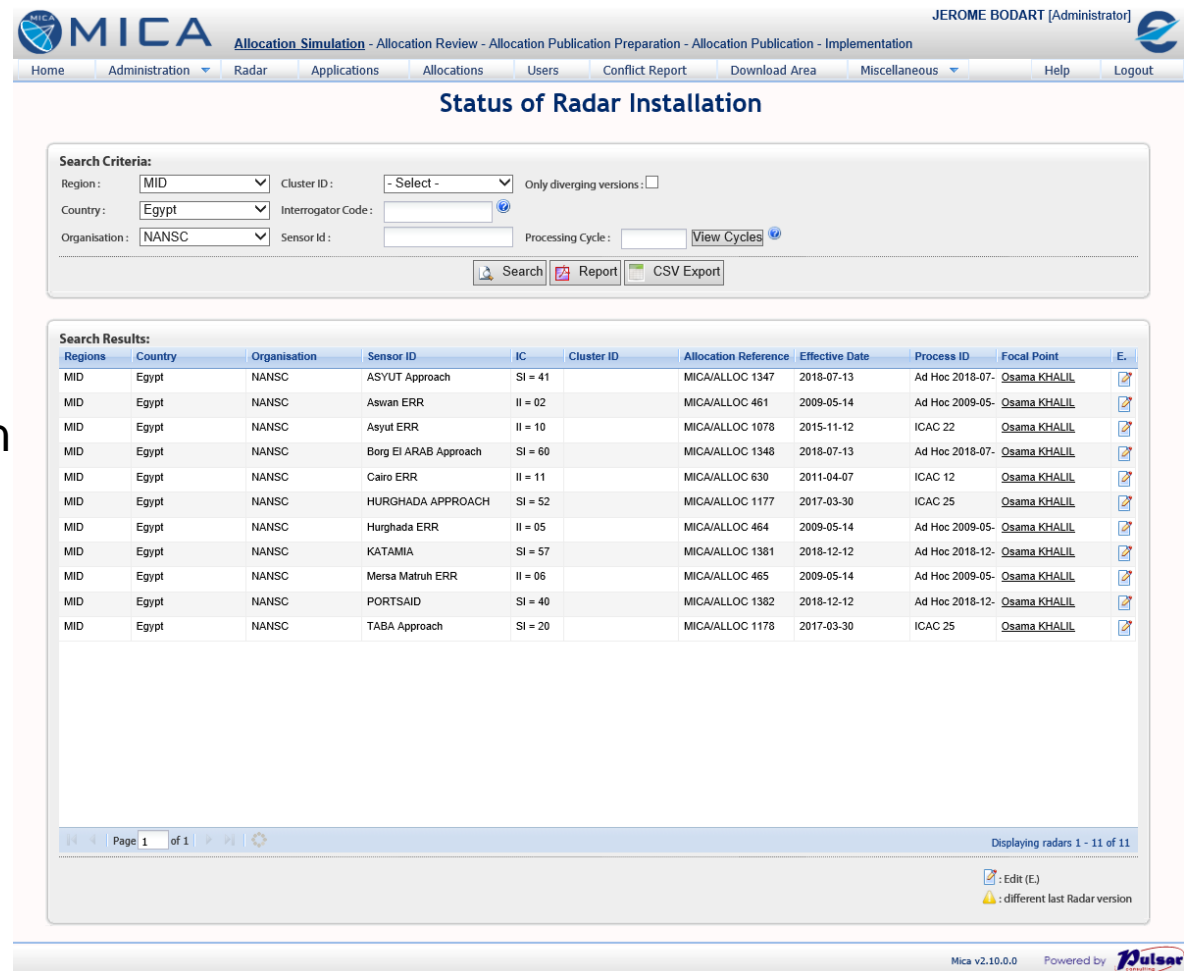
[View Cycles](#)

Menu bar to navigate through:

- **Radar menu:** list of Mode S radars for which an IC allocation is issued
- **Applications menu:** to access the existing IC applications or to create a new one
- **Allocations menu:** to access the existing IC allocations (proposed, issued, expired...)
- **Users menu:** to access the contact details of registered users
- **Conflict Report menu:** to report a new IC conflict, to add information about an existing IC conflict, to consult current and past IC conflicts
- **Download Area menu:** to download document stored on the MICA website
- **Miscellaneous menu**

List of Mode S Radars (Radars button)

- “Radar” button on the menu bar to display the list of Mode S radars for which an IC allocation is issued
- “Search Criteria” frame to refine the displayed list of radar
 - Export in PDF or CSV the list of radar
- Edit button only for Admin



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

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

JEROME BODART [Administrator]

Status of Radar Installation

Search Criteria:

Region: MID Cluster ID: - Select - Only diverging versions:

Country: Egypt Interrogator Code:

Organisation: NANSC Sensor ID: Processing Cycle: [View Cycles](#)


Search Results:

Regions	Country	Organisation	Sensor ID	IC	Cluster ID	Allocation Reference	Effective Date	Process ID	Focal Point	E.
MID	Egypt	NANSC	ASYUT Approach	SI = 41		MICA/ALLOC 1347	2018-07-13	Ad Hoc 2018-07-	Osama KHALIL	<input checked="" type="checkbox"/>
MID	Egypt	NANSC	Aswan ERR	II = 02		MICA/ALLOC 461	2009-05-14	Ad Hoc 2009-05-	Osama KHALIL	<input checked="" type="checkbox"/>
MID	Egypt	NANSC	Asyut ERR	II = 10		MICA/ALLOC 1078	2015-11-12	ICAC 22	Osama KHALIL	<input checked="" type="checkbox"/>
MID	Egypt	NANSC	Borg El ARAB Approach	SI = 60		MICA/ALLOC 1348	2018-07-13	Ad Hoc 2018-07-	Osama KHALIL	<input checked="" type="checkbox"/>
MID	Egypt	NANSC	Cairo ERR	II = 11		MICA/ALLOC 630	2011-04-07	ICAC 12	Osama KHALIL	<input checked="" type="checkbox"/>
MID	Egypt	NANSC	HURGHADA APPROACH	SI = 52		MICA/ALLOC 1177	2017-03-30	ICAC 25	Osama KHALIL	<input checked="" type="checkbox"/>
MID	Egypt	NANSC	Hurghada ERR	II = 05		MICA/ALLOC 464	2009-05-14	Ad Hoc 2009-05-	Osama KHALIL	<input checked="" type="checkbox"/>
MID	Egypt	NANSC	KATAMIA	SI = 57		MICA/ALLOC 1381	2018-12-12	Ad Hoc 2018-12-	Osama KHALIL	<input checked="" type="checkbox"/>
MID	Egypt	NANSC	Mersa Matruh ERR	II = 06		MICA/ALLOC 465	2009-05-14	Ad Hoc 2009-05-	Osama KHALIL	<input checked="" type="checkbox"/>
MID	Egypt	NANSC	PORTSAID	SI = 40		MICA/ALLOC 1382	2018-12-12	Ad Hoc 2018-12-	Osama KHALIL	<input checked="" type="checkbox"/>
MID	Egypt	NANSC	TABA Approach	SI = 20		MICA/ALLOC 1178	2017-03-30	ICAC 25	Osama KHALIL	<input checked="" type="checkbox"/>

Page 1 of 1

Displaying radars 1 - 11 of 11

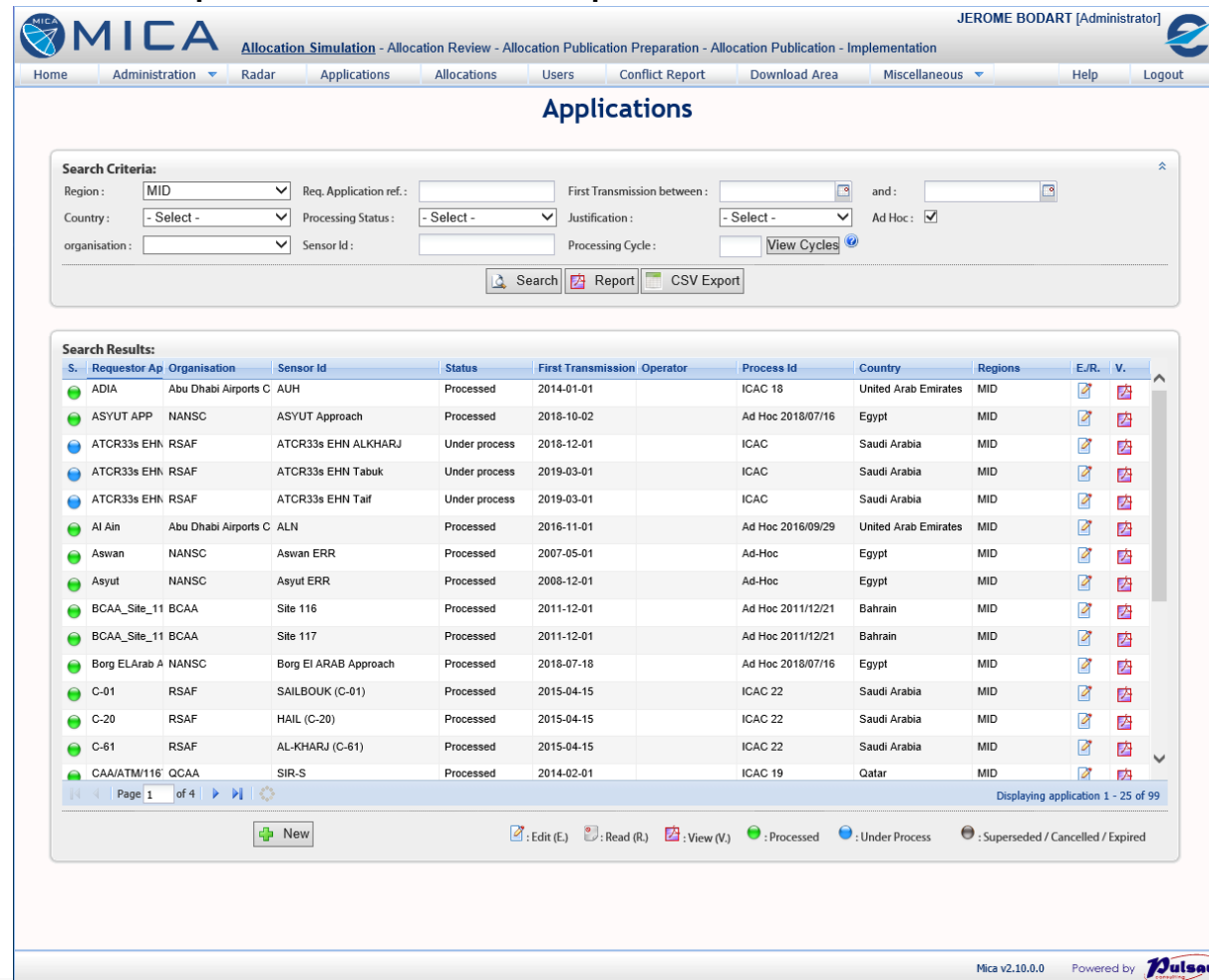
Edit (E.)
 different last Radar version

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IC Applications ('Applications' button)

- “Applications” button on the menu bar to access existing IC applications, or to create new IC application,
- Access rights to IC applications depends on the user profile.

- “Search Criteria” frame to refine the displayed list of IC applications
 - Export in PDF or CSV the list of IC applications
- Edit an IC application to display the details
 - Export in PDF the details of an IC application (cf access rights)
- “New” button to create a new IC application



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

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

Applications

Search Criteria:

Region: MID Req. Application ref.: First Transmission between: and: Ad Hoc:

Country: - Select - Processing Status: - Select - Justification: - Select -

organisation: Sensor Id: Processing Cycle: [View Cycles](#)

[Search](#) [Report](#) [CSV Export](#)

Search Results:

S.	Requestor Ap	Organisation	Sensor Id	Status	First Transmission	Operator	Process Id	Country	Regions	E./R.	V.
1	ADIA	Abu Dhabi Airports C	AUH	Processed	2014-01-01		ICAC 18	United Arab Emirates	MID		
2	ASYUT APP	NANSC	ASYUT Approach	Processed	2018-10-02		Ad Hoc 2018/07/16	Egypt	MID		
3	ATCR33s EHN	RSAF	ATCR33s EHN ALKHARJ	Under process	2018-12-01		ICAC	Saudi Arabia	MID		
4	ATCR33s EHN	RSAF	ATCR33s EHN Tabuk	Under process	2019-03-01		ICAC	Saudi Arabia	MID		
5	ATCR33s EHN	RSAF	ATCR33s EHN Taif	Under process	2019-03-01		ICAC	Saudi Arabia	MID		
6	Al Ain	Abu Dhabi Airports C	ALN	Processed	2016-11-01		Ad Hoc 2016/09/29	United Arab Emirates	MID		
7	Aswan	NANSC	Aswan ERR	Processed	2007-05-01		Ad-Hoc	Egypt	MID		
8	Asyut	NANSC	Asyut ERR	Processed	2008-12-01		Ad-Hoc	Egypt	MID		
9	BCAA_Site_11	BCAA	Site 116	Processed	2011-12-01		Ad Hoc 2011/12/21	Bahrain	MID		
10	BCAA_Site_11	BCAA	Site 117	Processed	2011-12-01		Ad Hoc 2011/12/21	Bahrain	MID		
11	Borg ELArab A	NANSC	Borg EI ARAB Approach	Processed	2018-07-18		Ad Hoc 2018/07/16	Egypt	MID		
12	C-01	RSAF	SAILBOUK (C-01)	Processed	2015-04-15		ICAC 22	Saudi Arabia	MID		
13	C-20	RSAF	HAIL (C-20)	Processed	2015-04-15		ICAC 22	Saudi Arabia	MID		
14	C-61	RSAF	AL-KHARJ (C-61)	Processed	2015-04-15		ICAC 22	Saudi Arabia	MID		
15	CAA/ATM116	QCAA	SIR-S	Processed	2014-02-01		ICAC 19	Qatar	MID		

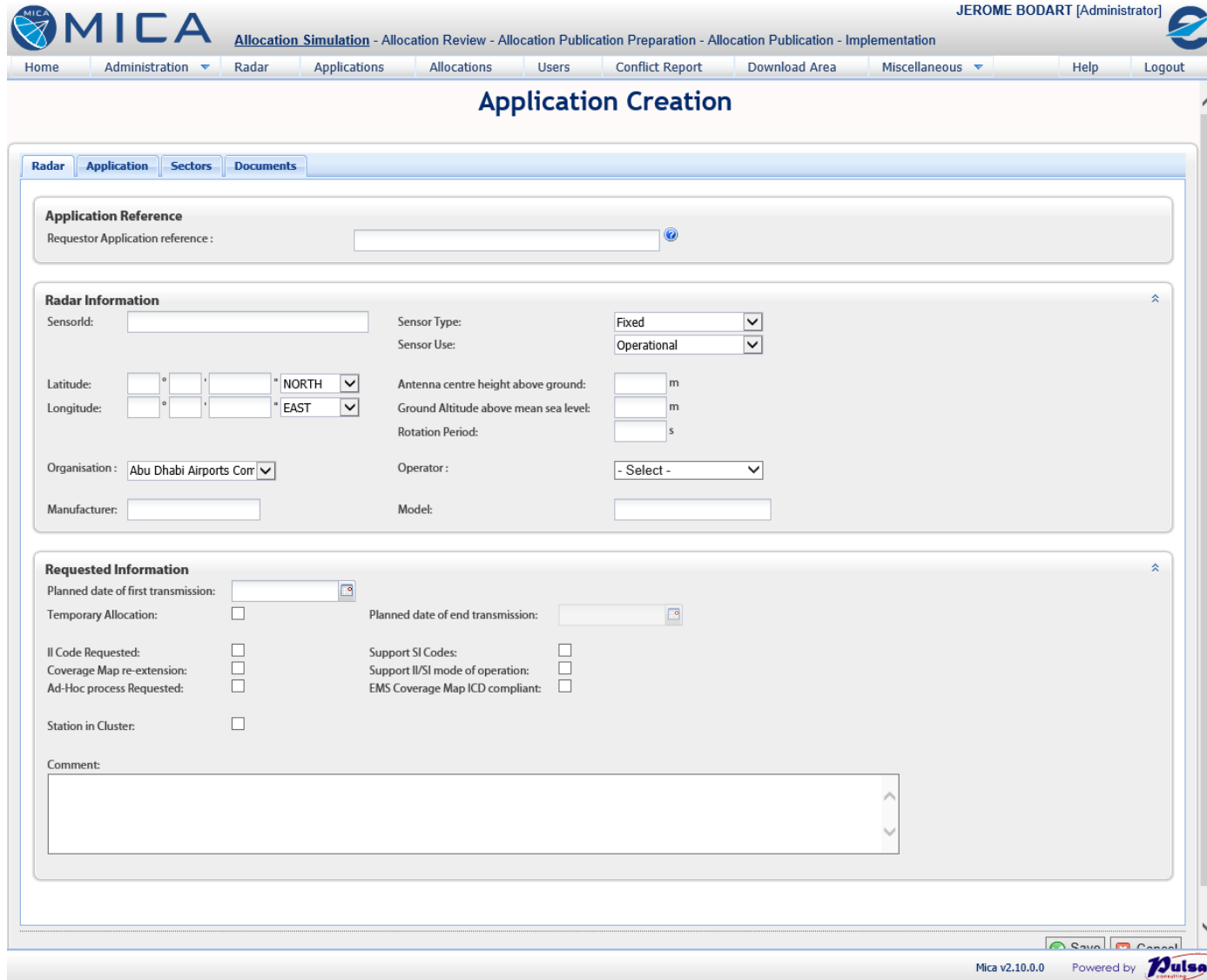
Page 1 of 4

Displaying application 1 - 25 of 99

[New](#) [Edit \(E\)](#) [Read \(R\)](#) [View \(V\)](#) : Processed : Under Process : Superseded / Cancelled / Expired

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New IC Application Creation



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 Cor
Operator: - Select -

Manufacturer: Model:

Requested Information

Planned date of first transmission:
Planned date of end transmission:

Temporary Allocation:

Il Code Requested:
Coverage Map re-extension:
Ad-Hoc process Requested:

Support SI Codes:
Support II/SI mode of operation:
EMS Coverage Map ICD compliant:

Station in Cluster:

Comment:

- “Sectors” button to provide the requested range

IC Allocations (‘Allocations’ button)

- “Allocations” button on the menu bar to access the list of IC allocations
- Access rights to IC allocations depends on the user profile.

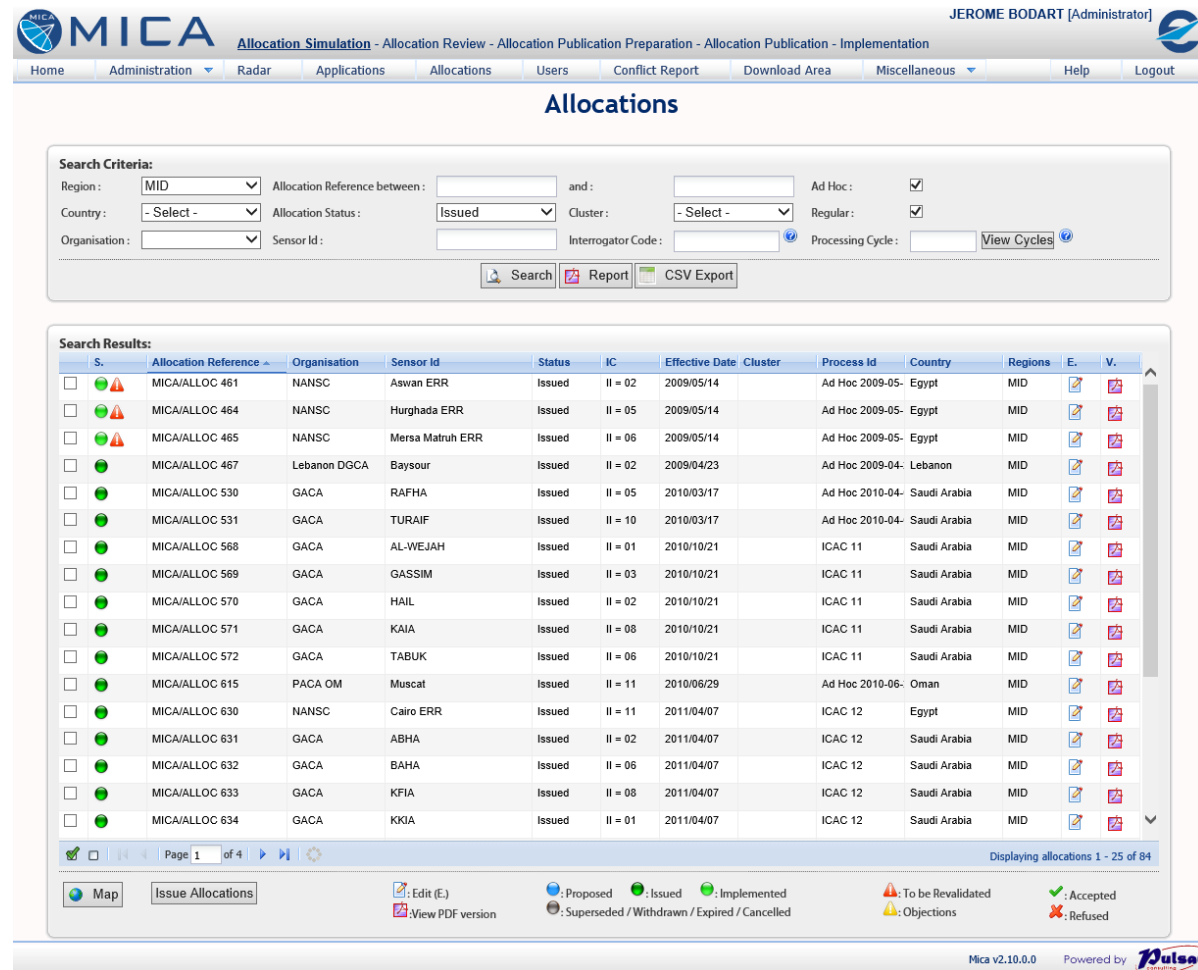
- “Search Criteria” frame to refine the IC allocations to display

- Export in PDF or CSV the list of IC allocations

- Edit an IC allocation to display the details

- Export in PDF the details of an IC allocation (cf access rights)

- “Map” button to display coverage maps



Search Criteria:

Region: MID Allocation Reference between: and: Ad Hoc:

Country: - Select - Allocation Status: Issued Cluster: - Select - Regular:

Organisation: Sensor Id: Interrogator Code: Processing Cycle: View Cycles

Search Report CSV Export

Search Results:

S.	Allocation Reference	Organisation	Sensor Id	Status	IC	Effective Date	Cluster	Process Id	Country	Regions	E.	V.
<input type="checkbox"/>	MICA/ALLOC 461	NANSC	Aswan ERR	Issued	II = 02	2009/05/14		Ad Hoc 2009-05-	Egypt	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 464	NANSC	Hurghada ERR	Issued	II = 05	2009/05/14		Ad Hoc 2009-05-	Egypt	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 485	NANSC	Mersa Matruh ERR	Issued	II = 06	2009/05/14		Ad Hoc 2009-05-	Egypt	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 467	Lebanon DGCA	Baysour	Issued	II = 02	2009/04/23		Ad Hoc 2009-04-	Lebanon	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 530	GACA	RAFHA	Issued	II = 05	2010/03/17		Ad Hoc 2010-04-	Saudi Arabia	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 531	GACA	TURAIH	Issued	II = 10	2010/03/17		Ad Hoc 2010-04-	Saudi Arabia	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 568	GACA	AL-WEJAH	Issued	II = 01	2010/10/21		ICAC 11	Saudi Arabia	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 569	GACA	GASSIM	Issued	II = 03	2010/10/21		ICAC 11	Saudi Arabia	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 570	GACA	HAIL	Issued	II = 02	2010/10/21		ICAC 11	Saudi Arabia	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 571	GACA	KAIA	Issued	II = 08	2010/10/21		ICAC 11	Saudi Arabia	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 572	GACA	TABUK	Issued	II = 06	2010/10/21		ICAC 11	Saudi Arabia	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 615	PACA OM	Muscat	Issued	II = 11	2010/06/29		Ad Hoc 2010-06-	Oman	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 630	NANSC	Cairo ERR	Issued	II = 11	2011/04/07		ICAC 12	Egypt	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 631	GACA	ABHA	Issued	II = 02	2011/04/07		ICAC 12	Saudi Arabia	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 632	GACA	BAHA	Issued	II = 06	2011/04/07		ICAC 12	Saudi Arabia	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 633	GACA	KFIA	Issued	II = 08	2011/04/07		ICAC 12	Saudi Arabia	MID	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	MICA/ALLOC 634	GACA	KKIA	Issued	II = 01	2011/04/07		ICAC 12	Saudi Arabia	MID	<input type="checkbox"/>	<input type="checkbox"/>

Page 1 of 4

Displaying allocations 1 - 25 of 84

Map Issue Allocations Edit (E.) View PDF version

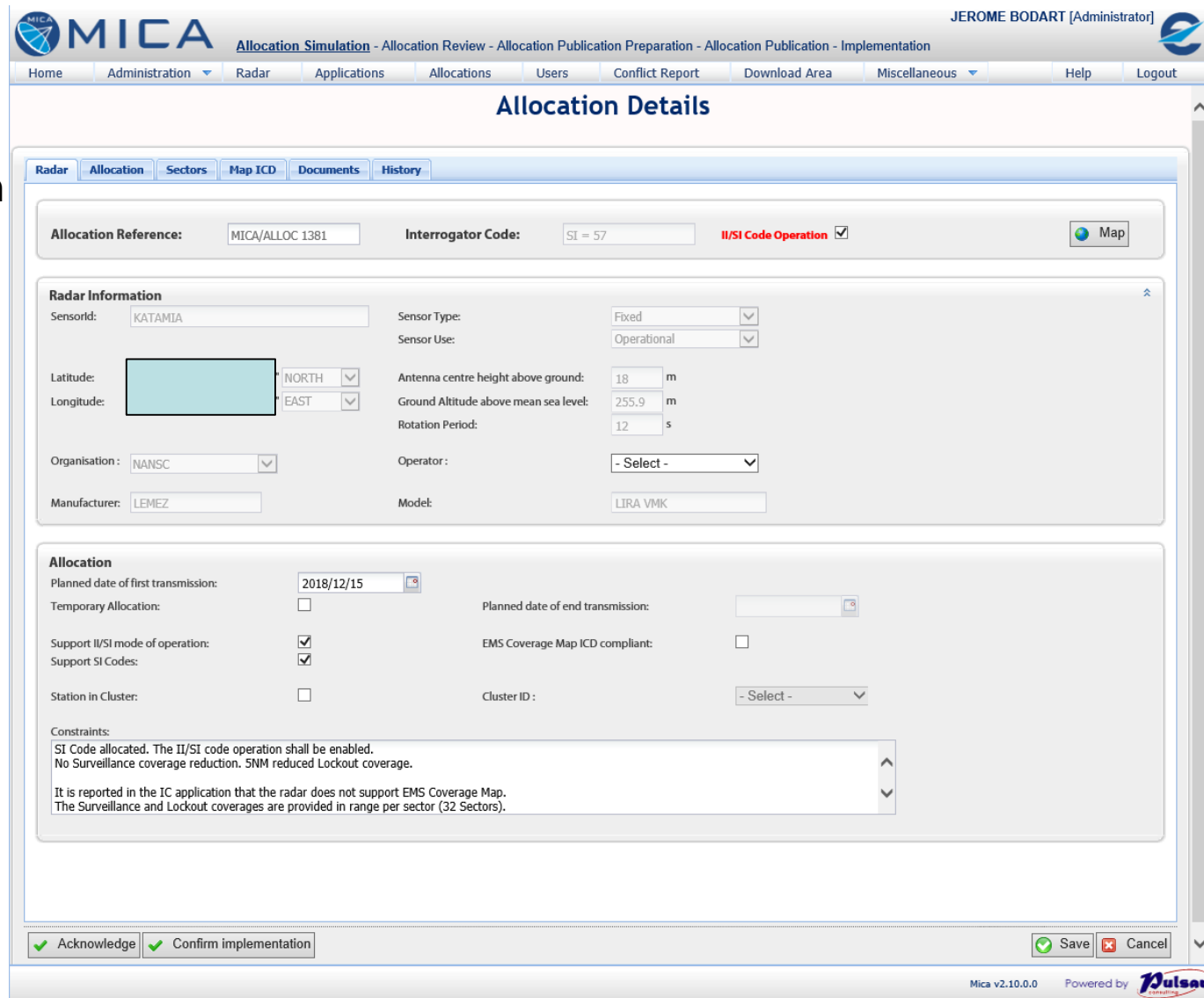
Proposed Issued Implemented Superseded / Withdrawn / Expired / Cancelled

To be Revalidated Objections Accepted Refused

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Detailed IC Allocation (1)

- Access rights to detailed IC allocation depends on the user profile.
- “Radar” Tab
- “Map ICD” tab to download the coverage map in EMS format if available
- The layout may depends on user profile



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

Allocation Details

Radar Allocation Sectors Map ICD Documents History

Allocation Reference: MICA/ALOC 1381 Interrogator Code: SI = 57 II/SI Code Operation [Map](#)

Radar Information

Sensorid: KATAMIA Sensor Type: Fixed Sensor Use: Operational

Latitude: NORTH Longitude: EAST

Antenna centre height above ground: 18 m Ground Altitude above mean sea level: 255.9 m Rotation Period: 12 s

Organisation: NANSC Operator: - Select -

Manufacturer: LEMEZ Model: LIRA VMK

Allocation

Planned date of first transmission: 2018/12/15 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. 5NM reduced Lockout coverage.

It is reported in the IC application that the radar does not support EMS Coverage Map.
The Surveillance and Lockout coverages are provided in range per sector (32 Sectors).

Acknowledge Confirm implementation Save Cancel

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Detailed IC Allocation (2)



JEROME BODART [Administrator]



Allocation Simulation - Allocation Review - Allocation Publication Preparation - Allocation Publication - Implementation

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

Allocation Details

- “Allocation” tab

Administration

Superseded Allocation Reference: MICA/ALLOC (1381 forbidden)

Status: Issued

Process ID: Ad Hoc 2018-12-12

IC: SI = 57

Effective Date: 2018/12/12

Expiration Date:

Acknowledged By:

Implemented By:

Proposed

User: Date: 2018/11/27

Comment:

Related Documents

File Name	Uploaded On	Uploaded By	DL
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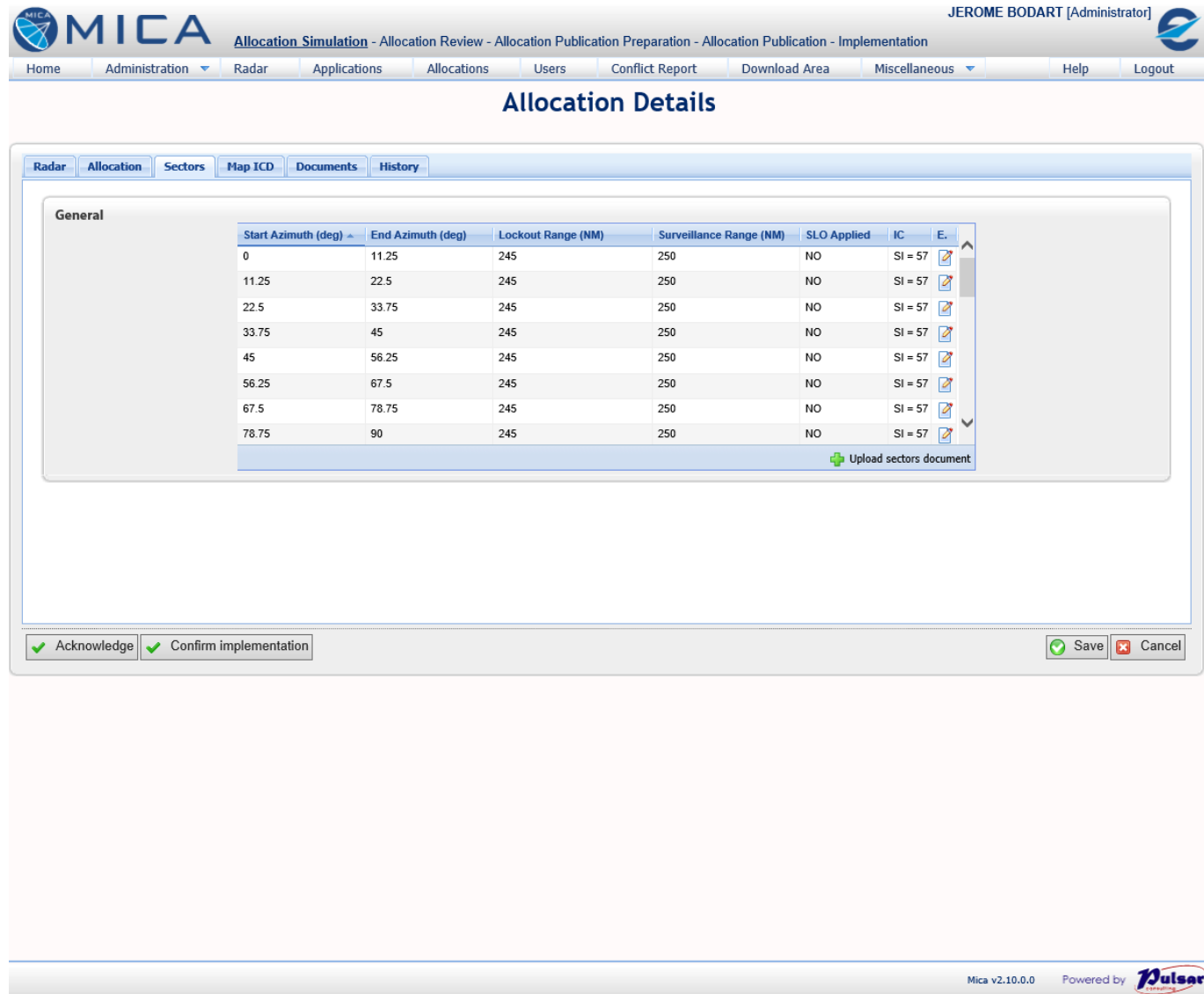
Objections

User	Date	E.
------	------	----

✓ Acknowledge ✓ Confirm implementation Save Cancel

Detailed IC Allocation (3)

- “Sectors” tab provides the coverage in range per sector



The screenshot shows the MICA Allocation Simulation interface. The main title is "Allocation Details". The "Sectors" tab is selected, showing a table of sector data. The table has columns for Start Azimuth (deg), End Azimuth (deg), Lockout Range (NM), Surveillance Range (NM), SLO Applied, IC, and E. The data shows sectors from 0 to 90 degrees with a lockout range of 245 NM and a surveillance range of 250 NM. SLO is applied to sectors 0, 11.25, 22.5, 33.75, 45, 56.25, 67.5, and 78.75 degrees. The IC is SI = 57 for all sectors. There is an "Upload sectors document" button at the bottom right of the table.

Start Azimuth (deg)	End Azimuth (deg)	Lockout Range (NM)	Surveillance Range (NM)	SLO Applied	IC	E.
0	11.25	245	250	NO	SI = 57	
11.25	22.5	245	250	NO	SI = 57	
22.5	33.75	245	250	NO	SI = 57	
33.75	45	245	250	NO	SI = 57	
45	56.25	245	250	NO	SI = 57	
56.25	67.5	245	250	NO	SI = 57	
67.5	78.75	245	250	NO	SI = 57	
78.75	90	245	250	NO	SI = 57	

Buttons at the bottom: Acknowledge, Confirm implementation, Save, Cancel.

Footer: Mica v2.10.0.0 Powered by Pulsar

Detailed IC allocation in PDF (1)



Mode S IC Allocation Cell



IC Allocation

MICA/ALLOC 1381

Supersedes the following allocation(s)

NONE

II/SI Code Operation

YES

Interrogator Code

SI = 57

Radar Information

Your Application	KATAMIA	
Sensor Id	KATAMIA	
Operator	NANSC	
Latitude	N	Sensor Type Fixed
Longitude	E	Sensor Use Operational

Key dates

Date out for Review:	27 November 2018
Date issued:	12 December 2018
Effective Date:	<u>12 December 2018</u>

Mode S IC Allocation Cell



IC Allocation

MICA/ALLOC 1381

Allocation Details

Allocation Cycle : Ad Hoc 2018-12-12

EMS Coverage Map ICD compliant: No

Map ICD Identification

Station in Cluster: No

Cluster Id:

Second IC requested:

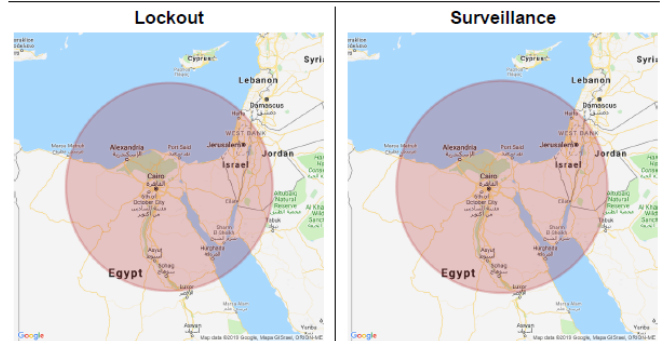
Second IC:

Allocation Constraints:

SI Code allocated. The II/SI code operation shall be enabled.
No Surveillance coverage reduction. 5NM reduced Lockout coverage.

It is reported in the IC application that the radar does not support EMS Coverage Map.
The Surveillance and Lockout coverages are provided in range per sector (32 Sectors).
The range per sector processed Ad-Hoc on the 27 November 2018 is provided in the "Sectors" tab.

Maps (ICD / Sector)



Detailed IC allocation in PDF (2)



Mode S IC Allocation Cell

IC Allocation



MICA/ALLOC 1381

Additional Radar Information

Antenna centre height above ground : 18 m
 Ground altitude above mean sea level : 255.9 m
 Rotation Period : 12 s

Manufacturer : LEMEZ Model : LIRA VMK

Mode S IC Allocation Cell

IC Allocation



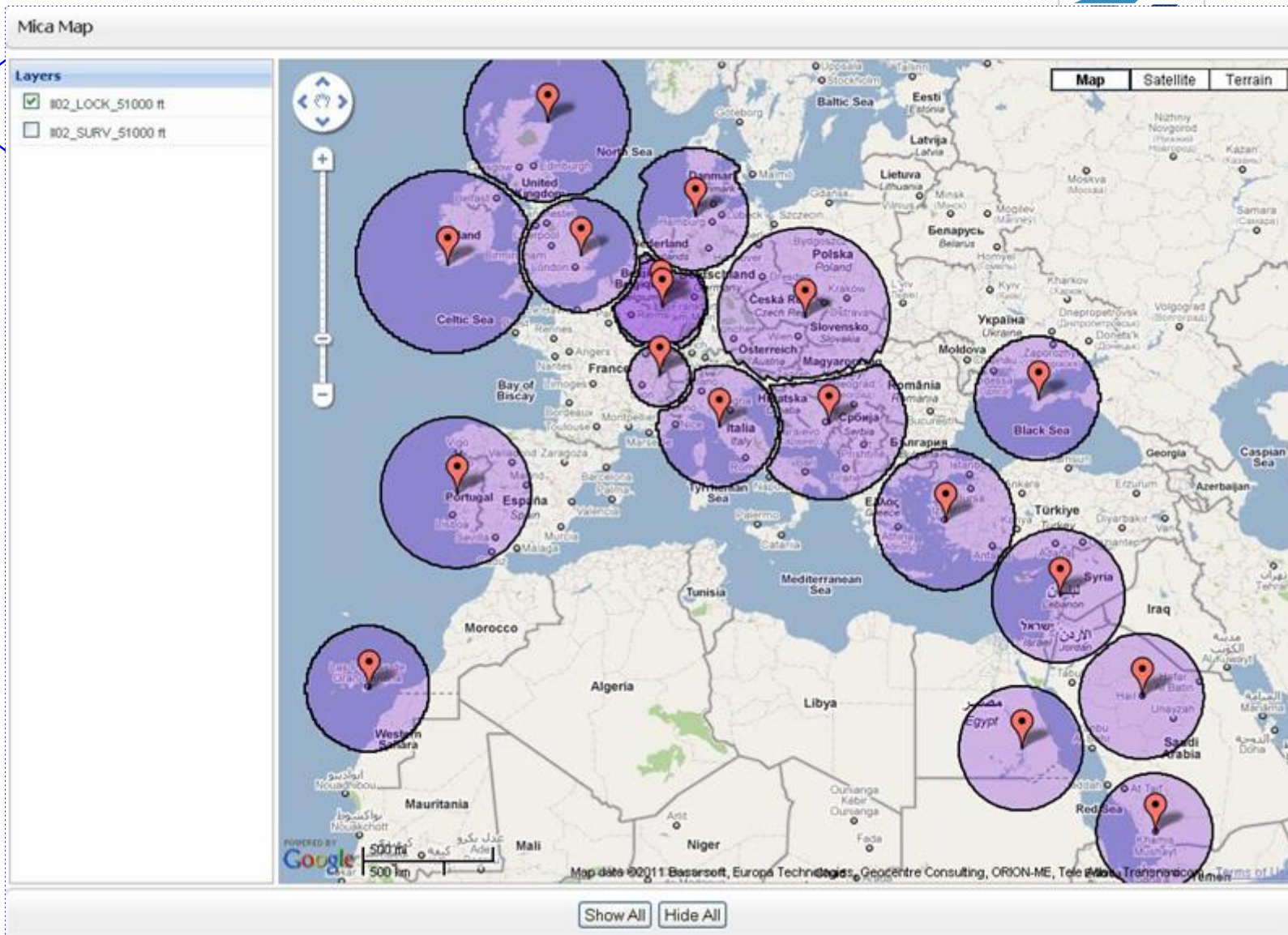
MICA/ALLOC 1381

Range per Sector

Sector	Start Azimuth (Degrees)	End Azimuth (Degrees)	Interrogator Code	Surveillance	LockoutRange (NM)	Stochastic Lockout
1	0.00	11.25	SI = 57	250	245	No
2	11.25	22.50	SI = 57	250	245	No
3	22.50	33.75	SI = 57	250	245	No
4	33.75	45.00	SI = 57	250	245	No
5	45.00	56.25	SI = 57	250	245	No
6	56.25	67.50	SI = 57	250	245	No
7	67.50	78.75	SI = 57	250	245	No
8	78.75	90.00	SI = 57	250	245	No
9	90.00	101.25	SI = 57	250	245	No
10	101.25	112.50	SI = 57	250	245	No
11	112.50	123.75	SI = 57	250	245	No
12	123.75	135.00	SI = 57	250	245	No
13	135.00	146.25	SI = 57	250	245	No
14	146.25	157.50	SI = 57	250	245	No
15	157.50	168.75	SI = 57	250	245	No
16	168.75	180.00	SI = 57	250	245	No
17	180.00	191.25	SI = 57	250	245	No
18	191.25	202.50	SI = 57	250	245	No
19	202.50	213.75	SI = 57	250	245	No
20	213.75	225.00	SI = 57	250	245	No
21	225.00	236.25	SI = 57	250	245	No
22	236.25	247.50	SI = 57	250	245	No
23	247.50	258.75	SI = 57	250	245	No
24	258.75	270.00	SI = 57	250	245	No
25	270.00	281.25	SI = 57	250	245	No
26	281.25	292.50	SI = 57	250	245	No
27	292.50	303.75	SI = 57	250	245	No
28	303.75	315.00	SI = 57	250	245	No
29	315.00	326.25	SI = 57	250	245	No
30	326.25	337.50	SI = 57	250	245	No
31	337.50	348.75	SI = 57	250	245	No
32	348.75	360.00	SI = 57	250	245	No

Coverage display in Google Map

- Display in Google Map the surveillance coverage and lockout coverage allocated to Mode S radars in ICAO EUR region and ICAO MID region.
 - In the list of IC allocations, checkbox in front of the IC allocations to select the coverages to display.
 - Depending on the user profile, the pin indicating the radar position may not be displayed in Google Map.
 - The display of radar coverage is provided IC by IC

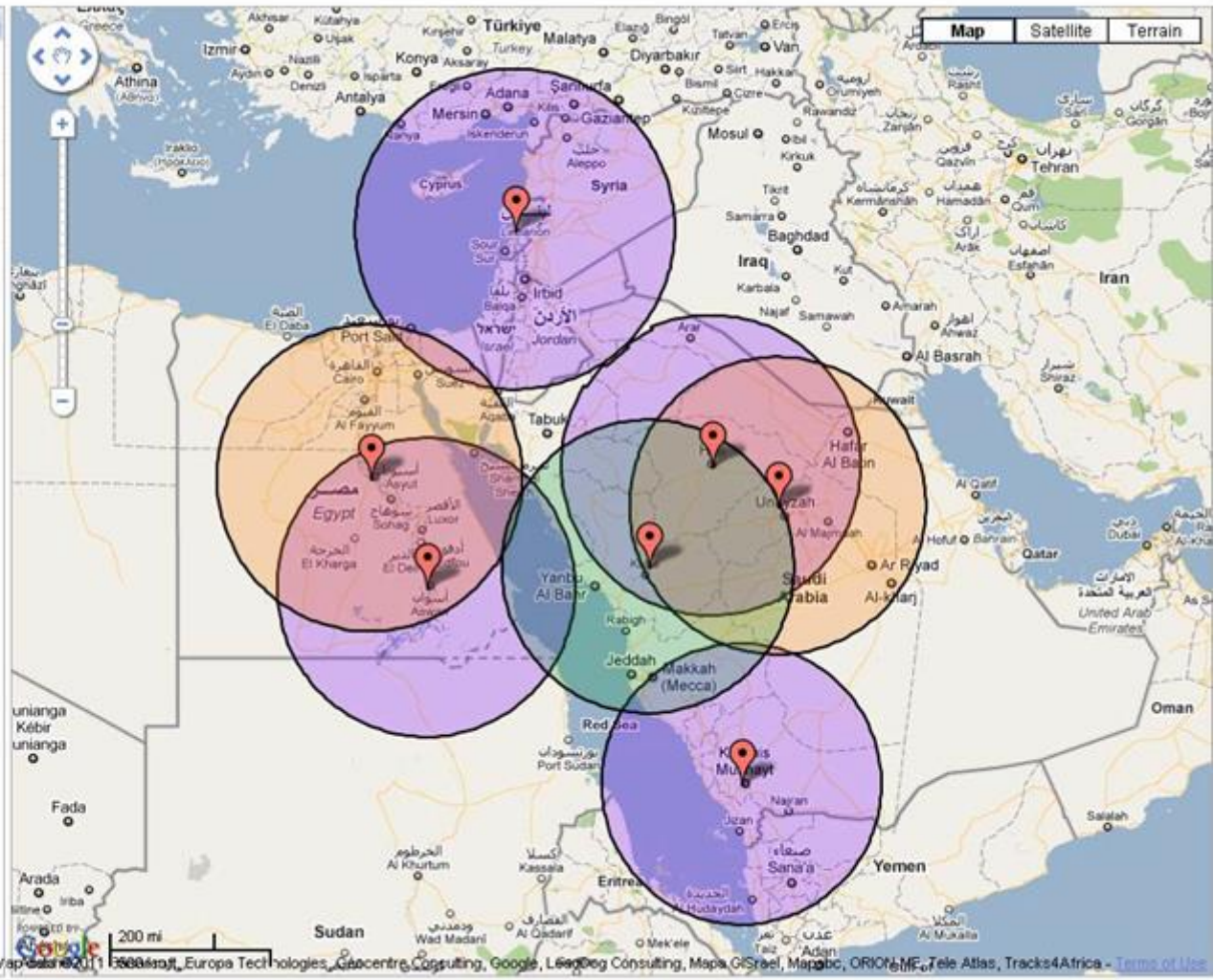


Lockout Coverage of all Mode S radars having received an IC Allocation on II Code 02



Mica Map

- Layers
- #02_LOCK_51000 ft
 - #02_SURV_51000 ft
 - #03_LOCK_51000 ft
 - #03_SURV_51000 ft
 - #04_LOCK_51000 ft
 - #04_SURV_51000 ft



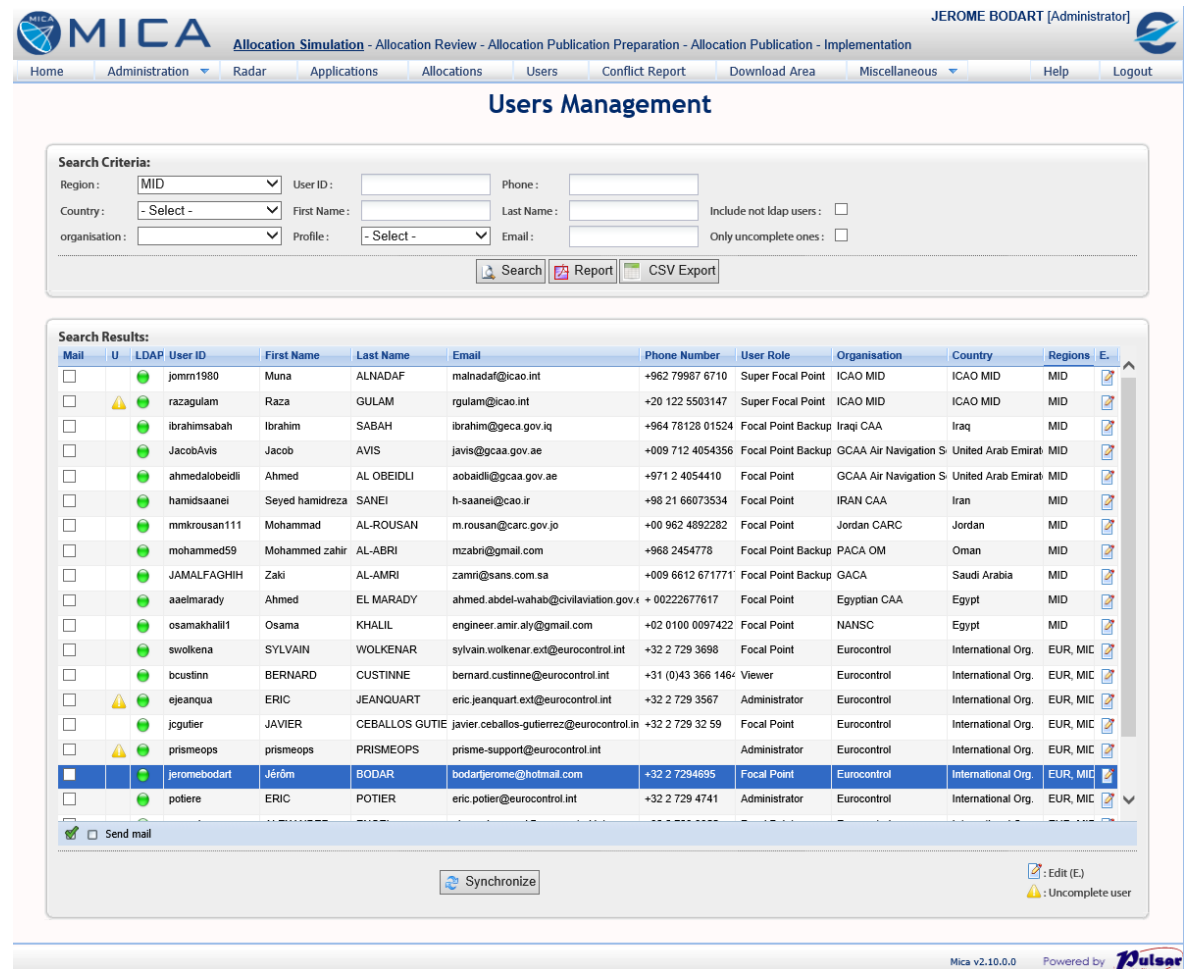
Surveillance Coverage of all Mode S radars from ICAO MID Region having received an IC Allocation on II Code 02, II Code 03 or II Code 04

Export Coverage in Google Earth

- Users can export in Google Earth (KML file) the coverage maps of Mode S radar.
 - In the list of IC allocations, checkbox in front of the IC allocations to select the coverages to export in KML.
 - What can be exported depends on the access rights of the user profile

List of Registered Users ('Users' button)

- “User” button on the menu bar to display the list of users which are registered on the MICA website.
- “Search Criteria” frame to refine the displayed list of users
- Export in PDF or CSV the list of users



The screenshot displays the MICA web application interface. At the top, the MICA logo and navigation menu are visible. The user is logged in as JEROME BODART [Administrator]. The main menu includes Home, Administration, Radar, Applications, Allocations, Users, Conflict Report, Download Area, Miscellaneous, Help, and Logout. The 'Users' menu item is selected, leading to the 'Users Management' page.

The 'Users Management' page features a 'Search Criteria' form with the following fields:

- Region: MID (dropdown)
- Country: - Select - (dropdown)
- organisation: (dropdown)
- User ID: (text input)
- First Name: (text input)
- Profile: - Select - (dropdown)
- Phone: (text input)
- Last Name: (text input)
- Email: (text input)
- Include not ldap users:
- Only uncomplete ones:

Buttons for Search, Report, and CSV Export are located below the search criteria.

The 'Search Results' section displays a table of users with the following columns: Mail, U, LDAP, User ID, First Name, Last Name, Email, Phone Number, User Role, Organisation, Country, Regions, and E. The table contains 20 rows of user data.

Mail	U	LDAP	User ID	First Name	Last Name	Email	Phone Number	User Role	Organisation	Country	Regions	E
			jomm1980	Muna	ALNADAF	mathadat@icao.int	+962 79987 6710	Super Focal Point	ICAO MID	ICAO MID	MID	
			razagulam	Raza	GULAM	rgulam@icao.int	+20 122 5503147	Super Focal Point	ICAO MID	ICAO MID	MID	
			ibrahimsabah	Ibrahim	SABAH	ibrahim@geca.gov.iq	+964 78128 01524	Focal Point Backup	Iraqi CAA	Iraq	MID	
			JacobAvis	Jacob	AVIS	javis@geca.gov.ae	+009 712 4054356	Focal Point Backup	GCAA Air Navigation S	United Arab Emirat	MID	
			ahmedalobeidli	Ahmed	AL OBEIDL	aobaidli@geca.gov.ae	+971 2 4054410	Focal Point	GCAA Air Navigation S	United Arab Emirat	MID	
			hamidsaanei	Seyed hamidreza	SANEI	h-saanei@cao.ir	+98 21 66073534	Focal Point	IRAN CAA	Iran	MID	
			mmkrousan111	Mohammad	AL-ROUSAN	m.rousan@carc.gov.jo	+90 962 4892282	Focal Point	Jordan CARC	Jordan	MID	
			mohammed59	Mohammed zahir	AL-ABRI	mzabri@gmail.com	+968 2454778	Focal Point Backup	PACA OM	Oman	MID	
			JAMALFAGHIH	Zaki	AL-AMRI	zamri@saans.com.sa	+009 6612 671771	Focal Point Backup	GACA	Saudi Arabia	MID	
			aelimarady	Ahmed	EL MARADY	ahmed.abdel-wahab@civilaviation.gov.eg	+00222677617	Focal Point	Egyptian CAA	Egypt	MID	
			osamakhalil1	Osama	KHALIL	engineer.amir.aly@gmail.com	+02 0100 0097422	Focal Point	NANSC	Egypt	MID	
			swolkena	SYLVAIN	WOLKENAR	sylvain.wolkenar.ext@eurocontrol.int	+32 2 729 3698	Focal Point	Eurocontrol	International Org.	EUR, MID	
			bcustinn	BERNARD	CUSTINNE	bernard.custinne@eurocontrol.int	+31 (0)43 368 146	Viewer	Eurocontrol	International Org.	EUR, MID	
			ejeanqua	ERIC	JEANQUART	eric.jeanquart.ext@eurocontrol.int	+32 2 729 3567	Administrator	Eurocontrol	International Org.	EUR, MID	
			jogutier	JAVIER	CEBALLOS GUTIE	javier.ceballos-gutierrez@eurocontrol.int	+32 2 729 32 59	Focal Point	Eurocontrol	International Org.	EUR, MID	
			prismeops	prismeops	PRISMEOPS	prisme-support@eurocontrol.int		Administrator	Eurocontrol	International Org.	EUR, MID	
			jeromebodart	Jérôme	BODAR	bodartjerome@hotmail.com	+32 2 7294695	Focal Point	Eurocontrol	International Org.	EUR, MID	
			potiere	ERIC	POTIER	eric.potier@eurocontrol.int	+32 2 729 4741	Administrator	Eurocontrol	International Org.	EUR, MID	

At the bottom of the table, there is a 'Send mail' checkbox and a 'Synchronize' button. A legend indicates that a yellow triangle icon represents an 'Uncomplete user'.

The footer of the page shows 'Mica v2.10.0.0 Powered by Pulsar'.

User Access Rights

- 6 different profiles are defined in the MICA website.
 - Administrator: members of MICA Cell in Eurocontrol
 - Super Focal Point: ICAO MID regional officer who is the Focal Point for all countries in ICAO MID Region.
 - Focal Point: representative of national regulatory authority
 - Operator: representative of Mode S operator
 - Inspector: access to IC applications and IC allocations for Mode S radars installed or planned to be in a country
 - Viewer: “public” access

- All users have access to the list of Mode S radars for which an IC allocation is issued (“Radars” button).

Super Focal Point Access Rights

- **IC Applications:**
 - Detailed access in Read/Write 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.
- **IC Allocations:**
 - Detailed access to IC allocations for all countries in his ICAO region (read only “Edit” access with management + PDF).
 - Access to the list of IC allocations for countries in other ICAO regions.
- **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

- **IC Applications:**
 - Detailed access in Read/Write to IC applications from his own country (read/write “Edit” access + PDF)
 - Detailed access in Read Only to IC applications from other countries in the same ICAO region (PDF only). The radar position is not disclosed.
 - No access to applications from countries in other ICAO regions.
- **IC Allocations:**
 - Detailed access to IC allocations from his own country (read only “Edit” access with management + PDF).
 - Detailed access to IC allocations for countries in the same ICAO region (read only “Edit” access + PDF). The radar position is not disclosed.
 - Access to the list of IC allocations for countries in other ICAO regions.
- **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

- **IC Applications:**
 - Detailed access to IC applications from his own organisation (read/write “Edit” access + PDF).
 - No access to IC applications from other organisations.
- **IC Allocations:**
 - Detailed access to IC allocations for his own organisation (read only “Edit” access + PDF).
 - Access to the list of IC allocations for other organisations.
- **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

- **IC Applications:**
 - Detailed access in Read Only to IC applications from his own country (read only “Edit” access + PDF).
 - No access to IC applications from other countries.
- **IC Allocations:**
 - Detailed access to IC allocations for his own country (read only “Edit” access + PDF).
 - Access to the list of IC allocations for other countries.
- **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 (“Radar” button).

IC Conflict Report ([Conflict Report](#) button)

- There is a mechanism on the MICA web application to report a (potential) IC Conflict to all registered users.
- The purpose is to try to resolve as fast as possible the (potential) IC Conflict.
- To access to the conflict report page, a user has to click on the Conflict Report tab. Then he accesses to the list of reported conflicts.
- All users except Viewer have access to this page.
- The user can report a new conflict by clicking on “New” button.
- Any user can add information to an existing conflict report by clicking on “New Reply”

Conflict Report

Conflict Reports:

User	Subject	Date	S.
Jan BURSİK	Repeated IC conflict impacting LPS SR / Velky Javornik on SI 28	2019-02-05	
Jan BURSİK	Repeated IC conflict impacting LPS SR / Velky Javornik on SI 28	2019-01-23	
Jan BURSİK	IC conflict impacting LPS SR / Velky Javornik on SI 28	2019-01-21	
Tamas PORCSIN	IC conflict impacting TAR-1 at Ferihegy (LHBP) on SI25	2018-11-20	
Manuela MARZOCCHI	Monte Stella - SPK Speikkogel Surveillance/Lock out Map conflict	2015-12-23	

New

: Close

: Open

Conflict Details:

Messages Docume...

Subject: Repeated IC conflict impacting LPS SR / Velky Javornik on SI 28

by Jan BURSİK
Focal Point

On 05 FEB 2019 from 0925 UTC repeated SI 28 conflict was identified on outbound traffic from the Polish territory again.

New Reply

Download Area ('Download Area' button)

- The download area is a place where documents and tools related to Mode S IC Allocation are stored to be downloaded by users.
- To access to this storage, the user has to click on the “Download Area” button on the menu bar.
- As an example, the Download Area contains:
 - the current presentation,
 - the MICA Conflict Contact List,
 - the SMGET tool and related documentation,
 - ...

Download Area

Download Area:

- micra
 - 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
 - Documentation
 - Study
 - Tools
 - DiffMapTool
 - SMGET
 - SMGET v2.2.7
 - SMGETtoSKYVIEW2

Name	Type	Size	Last modified	DL	Ren	Del
EUROCONTROL MICA Process Ed 1.0	pdf	823.5 KB	30 Sep 2013			
EUROCONTROL-SPEC-0153 MICA Ed 1.0	pdf	584 KB	12 Aug 2013			
MICA - List of Coordinated Countries - Mars 2013	pdf	29.3 KB	26 Mar 2013			
Mode S Operation on II and matching SI	pdf	277.7 KB	07 Jan 2016			
MICA Conflict Contact List (04-04-2018)	pdf	236.9 KB	04 Apr 2018			
MICA Web User Guide v1.5	pdf	673.3 KB	17 Apr 2013			
Mode S IC Application Form v0.5	doc	177.5 KB	29 Nov 2012			
MICA Conflict Contact List (11-01-2019)	pdf	237.3 KB	22 Jan 2019			
MICA Conflict Contact List (27-11-2018)	pdf	220.1 KB	10 Jan 2019			