



| ICAO

INTERNATIONAL CIVIL AVIATION ORGANIZATION

A UN SPECIALIZED AGENCY



Status of Implementation of ASBU Threads/Elements related to CNS

Presented by Secretariat

ACAS

ACAS					
Element	Title	Applicability	Performance Indicators/	Performance Indicators/	Performance Indicators/
ACAS B1/1	ACAS Improvements Operational	All States	Indicator: % of States requiring carriage of ACAS (TCAS v 7.1) for aircraft with a max certificated take-off mass greater than 5.7 tons Supporting metric: Number of States requiring carriage of ACAS (TCAS v 7.1) for aircraft with a max certificated take-off mass greater than 5.7 tons	100%	Dec 2017

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen
B1/1	Green	Green	Green	Green	Green	Green	Green	Red	Green	Green	Green	Green	Red	Green	Green

Average Regional Implementation is 86.7%

ASUR

ASUR					
Element	Title	Applicability	Performance Indicators/	Performance Indicators/	Performance Indicators/
ASUR B0/1	Automatic Dependent Surveillance – Broadcast (ADS-B)	(Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Saudi Arabia, Qatar, Sudan, UAE)	<p>Indicator*: % of States that have implemented ADS-B to improve surveillance coverage/capabilities</p> <p>Supporting Metric: Number of States that have implemented ADS-B to improve surveillance coverage/capabilities</p> <p>* As per the applicability area</p>	80%	Dec 2022
ASUR B0/2	Multilateration cooperative surveillance systems (MLAT)	Bahrain, Egypt, Jordan, Kuwait, Oman, Saudi Arabia, Qatar, UAE	<p>Indicator*: % of States that have implemented Multi-lateration (M-LAT)</p> <p>Supporting Metric: Number of States that have implemented Multi-lateration (M-LAT)</p> <p>* As per the applicability area</p>	80%	Dec 2022
ASUR B0/3	Cooperative Surveillance Radar Downlink of Aircraft Parameters (SSR-DAPS)	Bahrain, Egypt, Iran, Iraq, Kuwait, Lebanon, Jordan, Oman, Qatar, Saudi Arabia, Sudan and UAE	<p>Indicator*: % of States that have implemented Downlink of Aircraft Parameters (SSR-DAPS)</p> <p>Supporting Metric: Number of States that have implemented Downlink of Aircraft Parameters (SSR-DAPS)</p> <p>* As per the applicability area</p>	80%	Dec 2021

ASUR

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen	average
B0/1	Green	Green	Red	Green	Green	Green	Red	Grey	Red	Green	Green	Green	Grey	Green	Grey	60%
B0/2	Green	Green	Grey	Grey	Red	Red	Grey	Grey	Green	Green	Green	Grey	Grey	Red	Grey	63%
B0/3	Green	Red	Green	Green	Green	Green	Grey	Grey	Green	Green	Green	Green	Grey	Green	Grey	83%
Average Impl.	Green	Light Green	Light Green	Green	Light Green	Light Green	Red	Grey	Grey	Green	Green	Green	Grey	Light Green	Grey	

Average Regional Implementation is 69%

COMI

COMI					
Element	Title	Applicability	Performance Indicators/	Performance Indicators/	Performance Indicators/
COMI B0/7	ATS Message Handling System (AMHS)	All States	Indicator: % of States that have established AMHS interconnections with adjacent COM Centres Supporting metric: Number of States that have established AMHS interconnections with adjacent COM Centres	90%	Dec 2020
COMI B1/1	Ground-Ground Aeronautical Telecommunication Network/Internet Protocol Suite (ATN/IPS)	All States	Indicator: % of States that have established National IP Network for voice and data communication Supporting metric: Number of States that have established National IP Network for voice and data communication	80%	Dec 2021

COMI

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen	average
B0/7	Green	Green	Red	Green	Green	Green	Green	Red	Green	Green	Green	Green	Red	Green	Red	73%
B1/1	Green	Green	Grey	Green	Green	Grey	Grey	Grey	Green	Green	Green	Green	Red	Green	Red	60%
Average COMI	Green	Green	Red	Green	Green	Light Green	Light Green	Red	Green	Green	Green	Green	Red	Green	Red	67%

Average Regional Implementation is 67%

FICE

FICE					
Element	Title	Applicability	Performance Indicators/	Performance Indicators/	Performance Indicators/
FICE B0/1	Automated basic inter facility data exchange (AIDC)	According to the MID Region AIDC/OLDI Priority 1 Applicability Area	Indicator*: % of priority 1 AIDC/OLDI Interconnection have been implemented Supporting metric: Number of AIDC/OLDI interconnections implemented between adjacent ACCs	70%	Dec 2020

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen
B1/1	Yellow	Yellow	Red	Red	Red	Red	Red	Grey	Yellow	Green	Yellow	Red	Grey	Light Green	Grey

Average Regional Implementation is 26%

NAVS

NAVS					
Element	Title	Applicability	Performance Indicators/	Performance Indicators/	Performance Indicators/
NAVS B0/3	Aircraft Based Augmentation Systems (ABAS)	All States	<p>Indicator: % of States requiring Aircraft Based Augmentation System (ABAS) equipage for aircraft with a max certificated take-off mass greater than 5,700 Kg to enable PBN Operations</p> <p>Supporting metric: Number of States requiring Aircraft Based Augmentation System (ABAS) equipage for aircraft with a max certificated take-off mass greater than 5,700 Kg to enable PBN Operations</p>	70%	Dec 2021
NAVS B0/4	Navigation Minimal Operating Networks (Nav. MON)	All States	<p>Indicator: % of States that have developed a plan of rationalized conventional NAVAIDS network to ensure the necessary levels of resilience for navigation</p> <p>Supporting metric: Number of States that have developed a plan of rationalized conventional NAVAIDS network to ensure the necessary levels of resilience for navigation</p>	70%	Dec 2022

NAVS

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen	average
B0/3	Green	Red	Grey	Green	Red	Red	Grey	Grey	Red	Green	Green	Green	Grey	Green	Grey	40%
B0/4	Light Green	Green	Grey	Light Green	Red	Green	Grey	Grey	Red	Green	Green	Green	Grey	Green	Grey	47%
Average COMI	Light Green	Light Green	Grey	Light Green	Red	Light Green	Grey	Grey	Red	Green	Green	Green	Grey	Green	Grey	

Average Regional Implementation is 44%

SNET

SNET					
Element	Title	Applicability	Performance Indicators/	Performance Indicators/	Performance Indicators/
SNET B0/1	Short Term Conflict Alert (STCA)	Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Sudan, UAE	Indicator*: % of States that have implemented Short-term conflict alert (STCA) Supporting metric: number of States that have implemented Short-term conflict alert (STCA) * As per the applicability area	80 %	Dec 2018
SNET B0/2	Minimum Safe Altitude Warning (MSAW)	Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia, Sudan, Syria, UAE	Indicator*: % of States that have implemented Minimum safe altitude warning (MSAW) Supporting metric: number of States that have implemented Minimum safe altitude warning (MSAW) * As per the applicability area	80 %	Dec 2018
SNET B0/3	Area Proximity Warning (APW)	Bahrain, Egypt, Iran, Iraq, Kuwait, Jordan, Lebanon, Oman, Qatar, Saudi Arabia, Sudan, UAE	Indicator*: % of States that have implemented Area Proximity Warning (APW) for ACCs, as required Supporting metric: number of States that have Implemented Area Proximity Warning (APW) for ACCs, as required * As per the applicability area	70%	Dec 2021

SNET

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen
B0/1	Green	Green	Green	Green	Green	Green	Green	Grey	Green	Green	Green	Green	Grey	Green	Grey
B0/2	Green	Green	Green	Green	Green	Green	Green	Grey	Green	Green	Green	Green	Grey	Green	Grey
B0/3	Green	Light Green	Red	Red	Green	Green	Red	Grey	Green	Green	Green	Red	Grey	Green	Grey
Average Implementation	Green	Light Green	Light Green	Light Green	Green	Green	Light Green	Grey	Green	Green	Green	Light Green	Grey	Green	Grey

Average Regional Implementation is 89%



Thank You!