



УКРАЇНОПР
UKSATSE

PBN implementation in Ukraine

Rudyi Oleksii, CNS Development Department, UKSATSE

Agenda

PBN Implementation. Current state

Actions to be done

**UkSATSE Navigation Infrastructure
Development Project for PBN support**

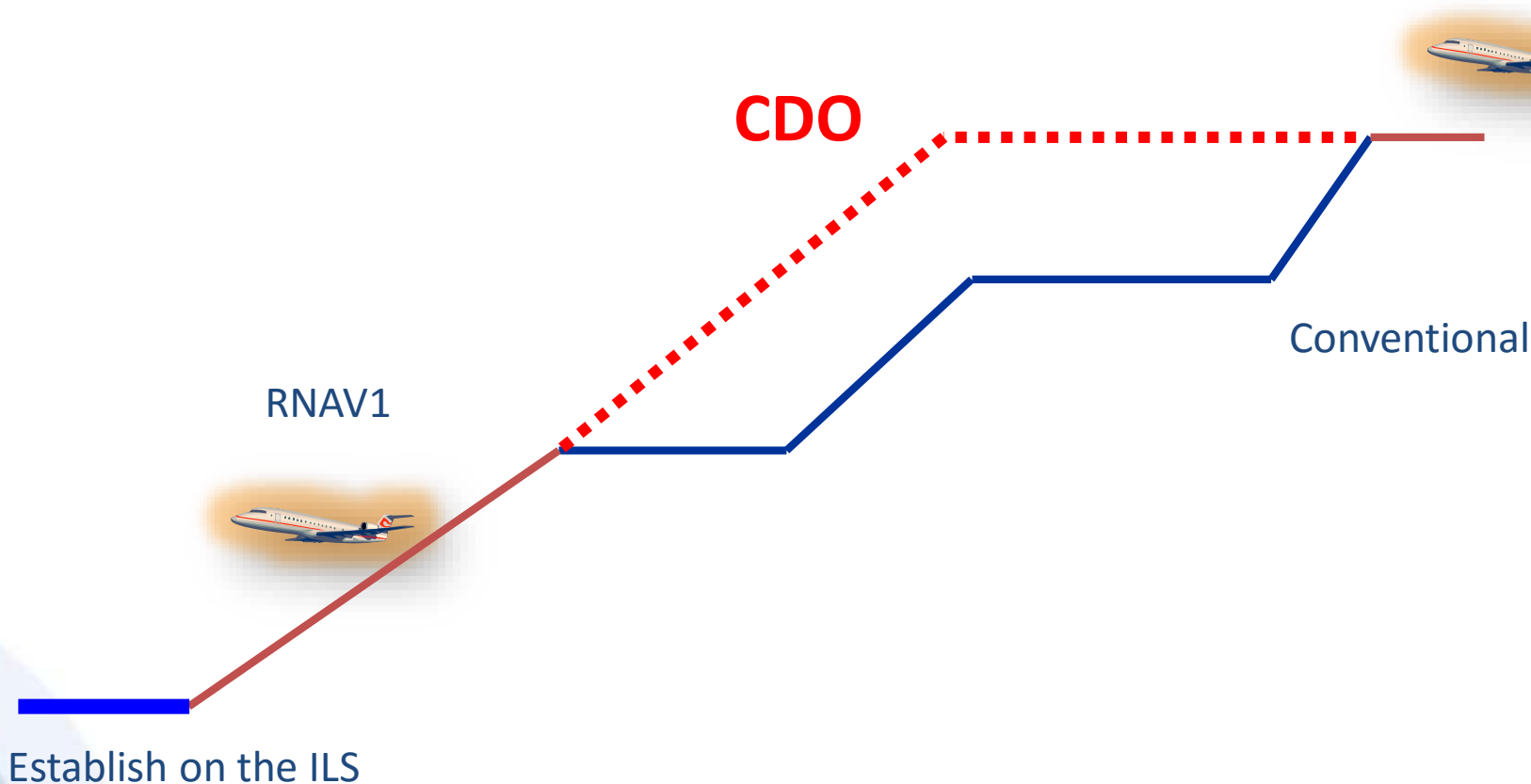
PBN Implementation. Current state

Enroute	
RNAV 5	FL275 and above

Terminal	
Kyiv TMA	AIRAC AMDT 04/12 EFF 31 MAY 2012
Kharkiv TMA	AIRAC AMDT 03/12 EFF 03 MAY 2012
Dnipropetrovs'k TMA	AIRAC AMDT 05/12 EFF 23 AUG 2012
L'viv TMA	AIRAC AMDT 07/12 EFF 13 DEC 2012
Odesa TMA	AIRAC AMDT 01/14 EFF 06 FEB 2014
Donets'k TMA	AIRAC AMDT 04/12 EFF 31 MAY 2012
Simferopol' TMA	AIRAC AMDT 01/14 EFF 06 FEB 2014

PBN Implementation. Current state

Continuous Descent Operations



PBN Implementation. Current state

Continuous Descent Operations

Implemented:

Airport	Date
KYIV (Boryspil`)	Dec 2013
KYIV (Zhuliany)	Nov 2015
Dnipropetrovs`k	Nov 2015
Kharkiv (Osnova)	Nov 2015
L`viv	Nov 2015
Odesa	Nov 2015

PBN Implementation. Current state

Free Route Airspace

Implemented:

Above FL 275 – FL 660, from 20:00 to 05:00 UTC.
Horizontal limits: within individual FRA areas.

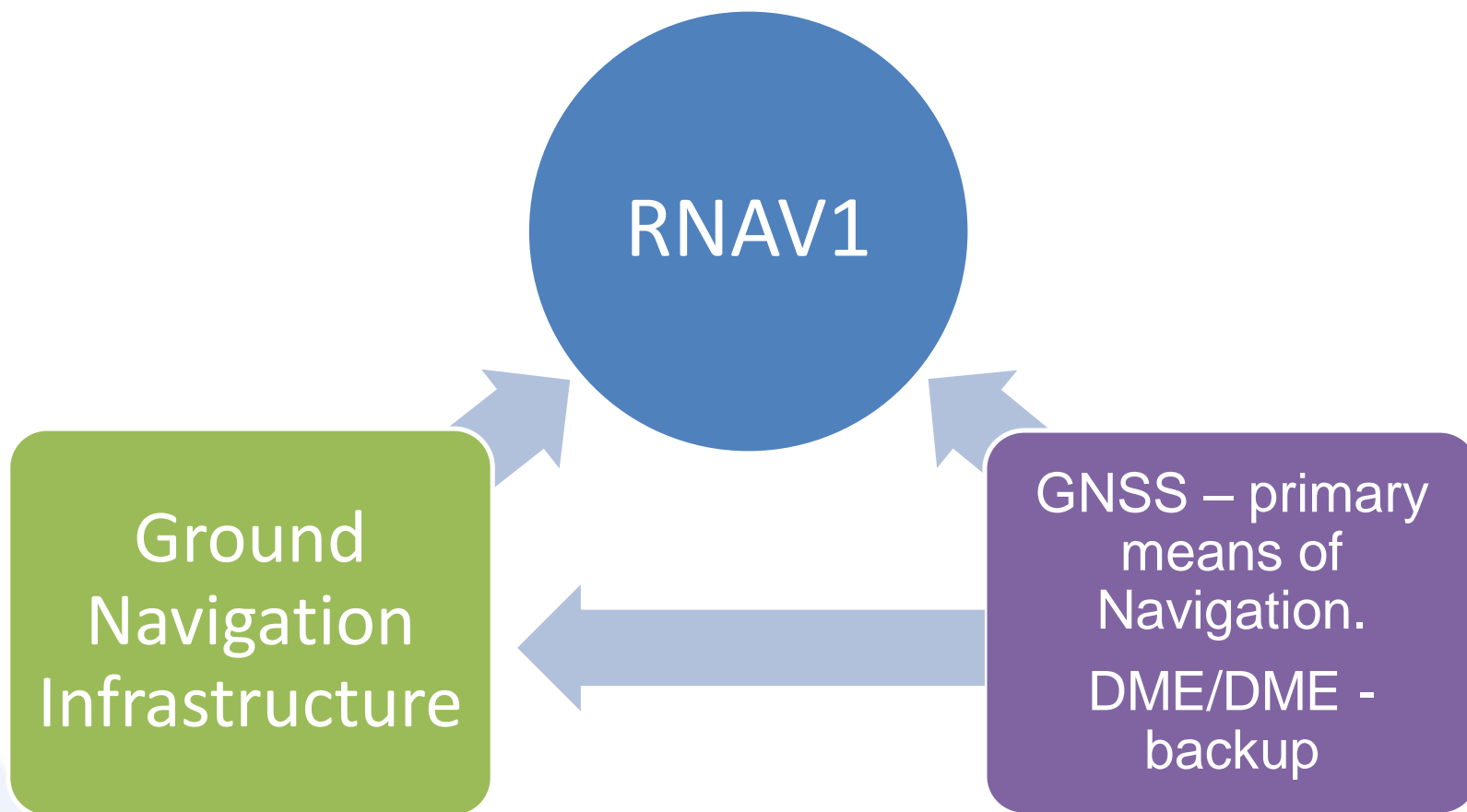
Next step:

Extend these procedures to H24.

Actions to be done

- Regulation for satellite navigation and relevant activity
- Recognition of GNSS at State level
- Airworthiness and operational approval has to be obtained by Operators
- Further introduction of PBN, especially for approach phase

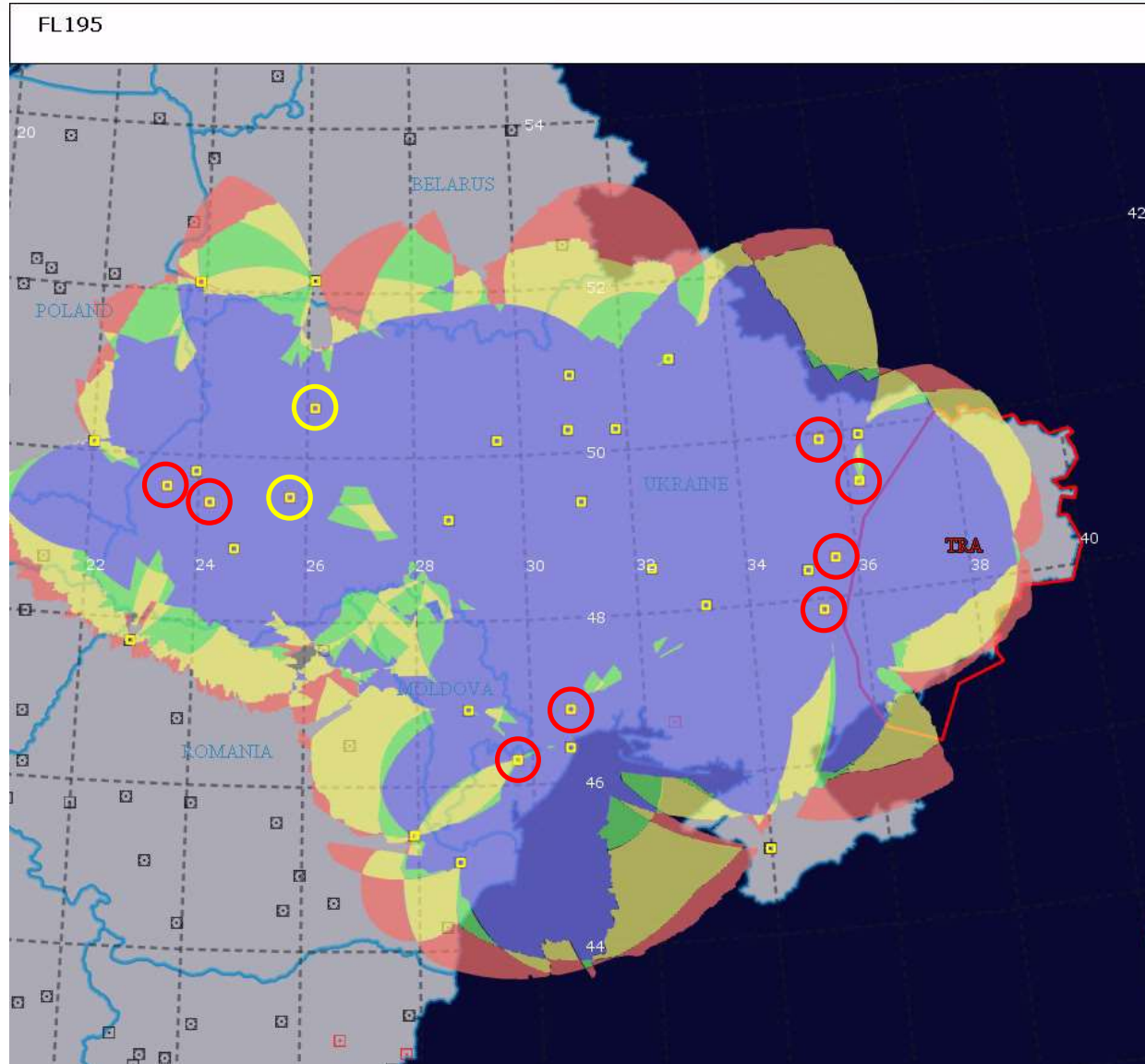
UkSATSE Navigation Infrastructure Development Project for PBN support





УКРАЇНОПОВІСЬ
UKSATSE

UkSATSE Navigation Infrastructure Development Project for PBN support





УКРАЇНОПОВІ
UKSATSE

Thank you !