



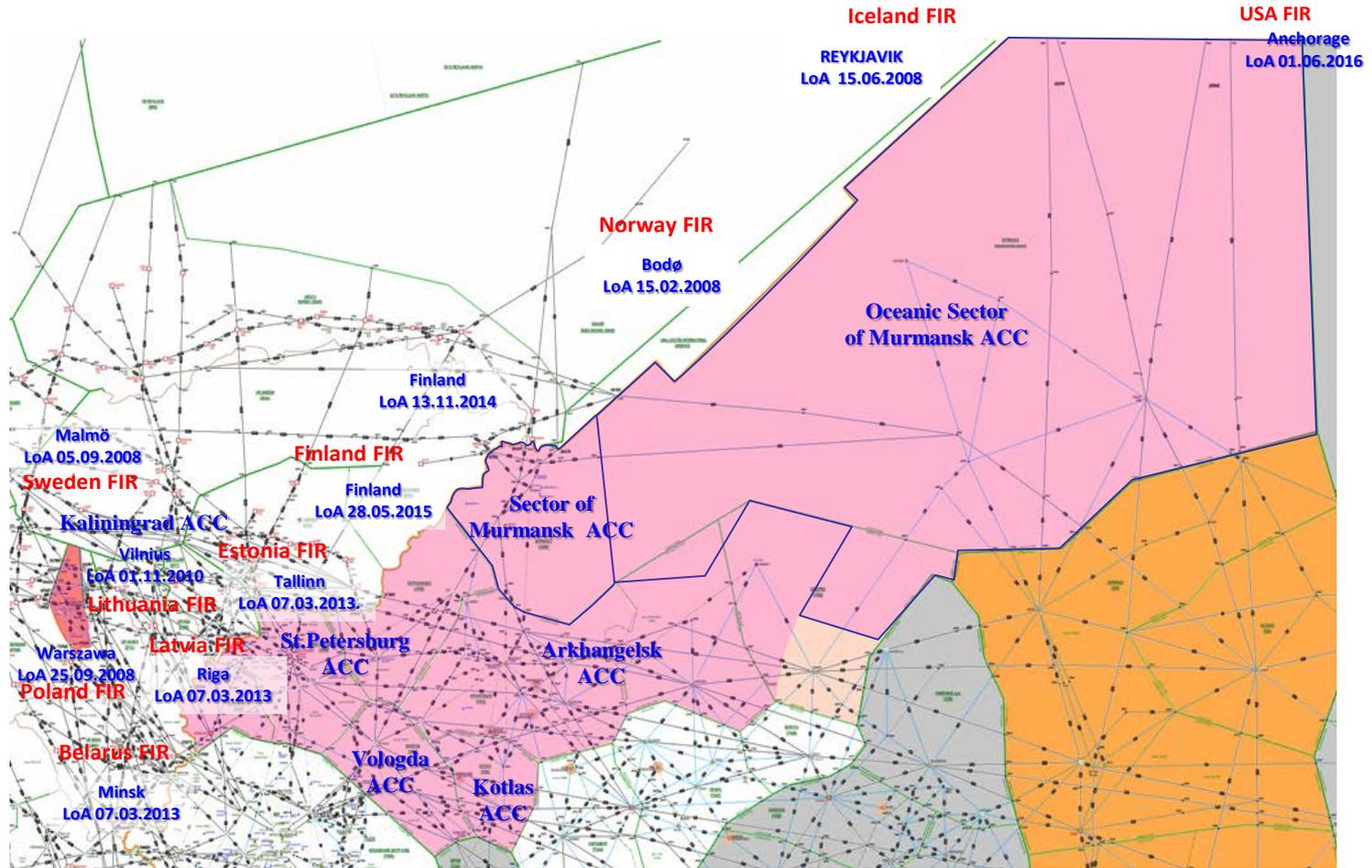
**FSUE State ATM Corporation  
North-West Air Navigation Branch**

## **Twenty-Second Meeting of the Cross Polar Trans East Air Traffic Management Providers' Work Group (CPWG/22)**

**24-27 October 2016, Paris**

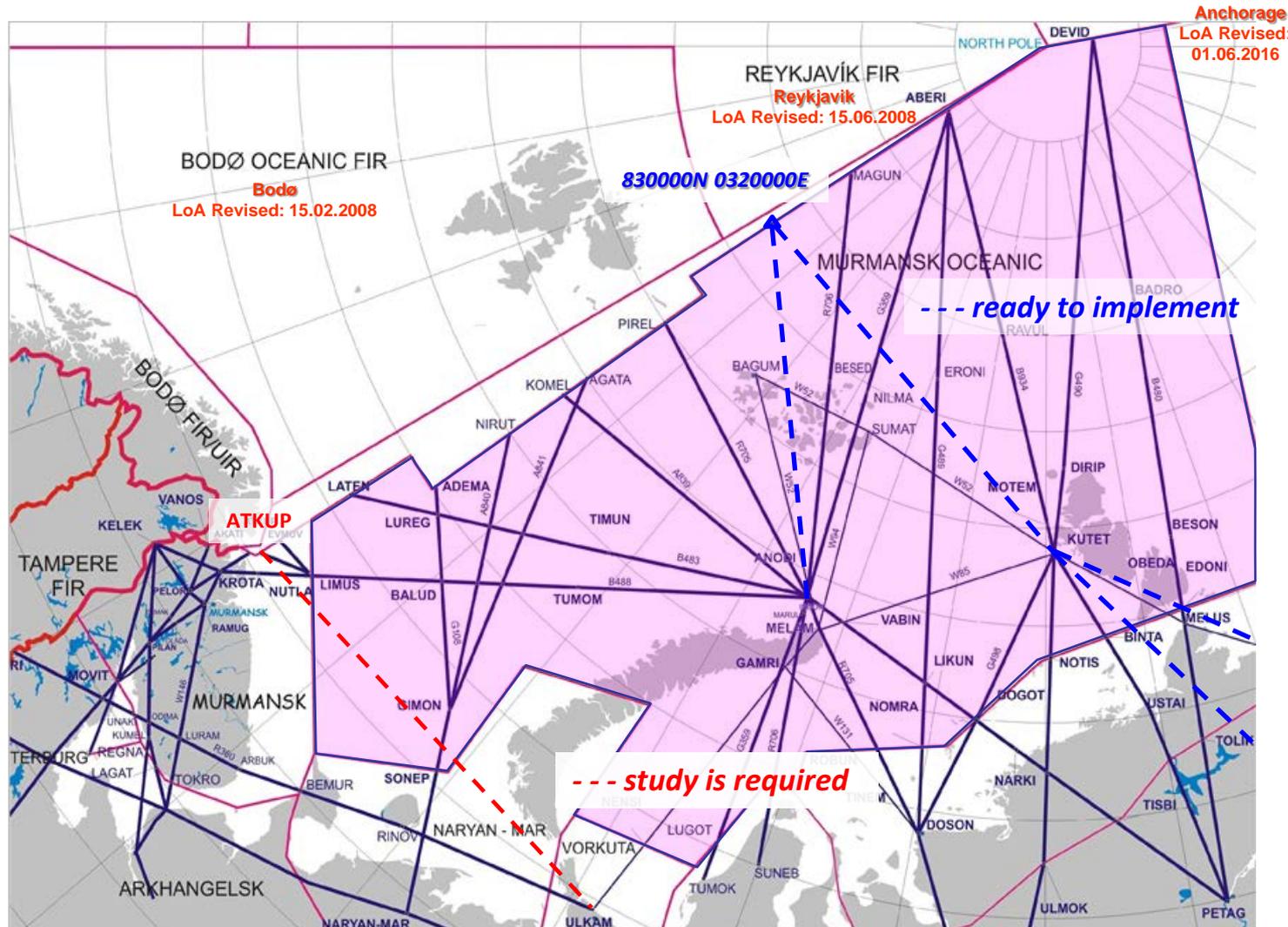


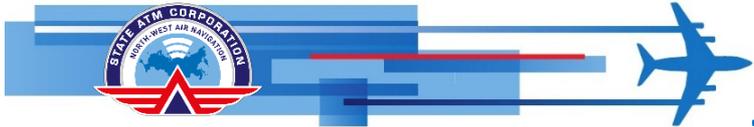
# ACCs of "North-West Air Navigation" Branch



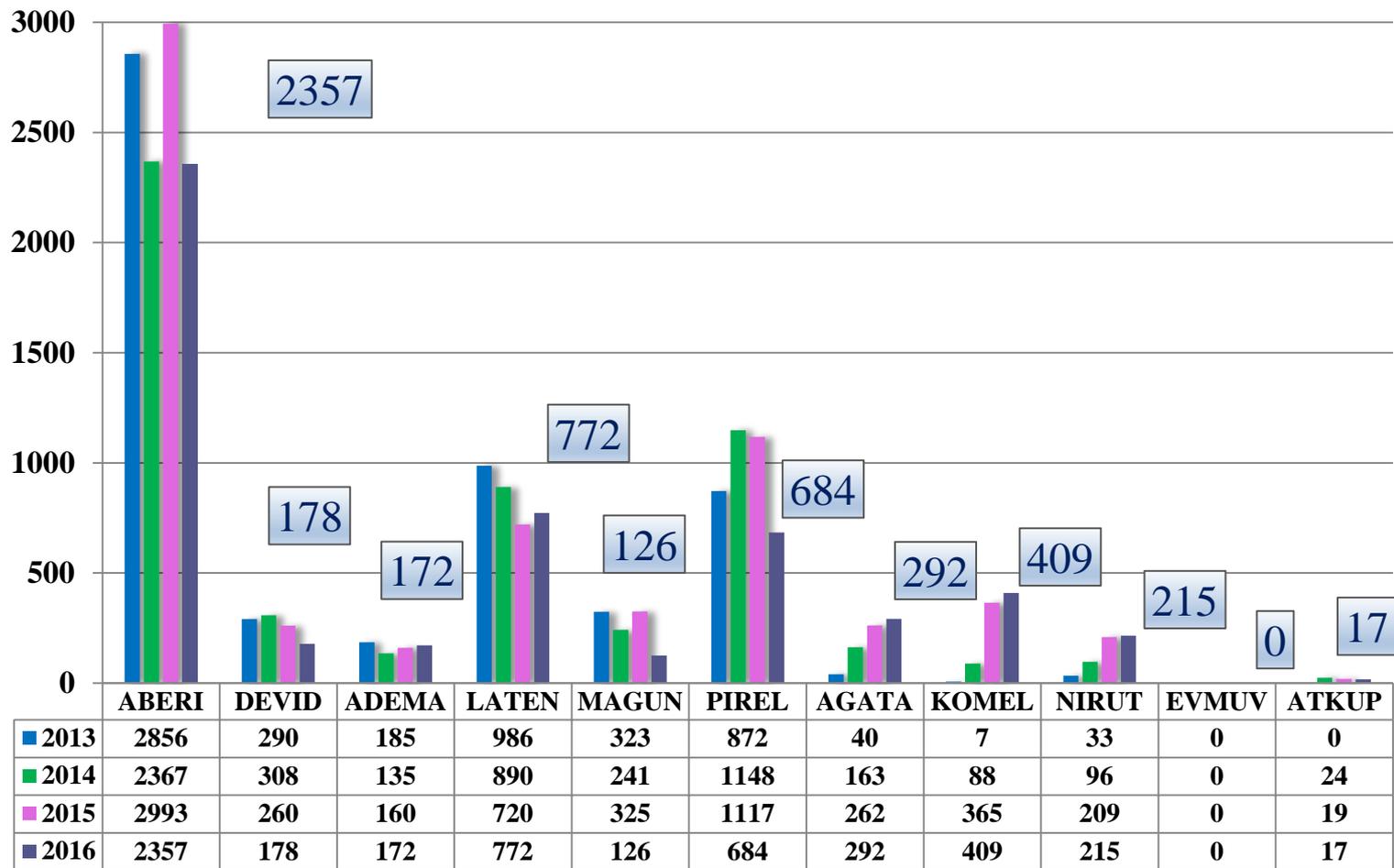


# Airspace Oceanic Sector of Murmansk ACC



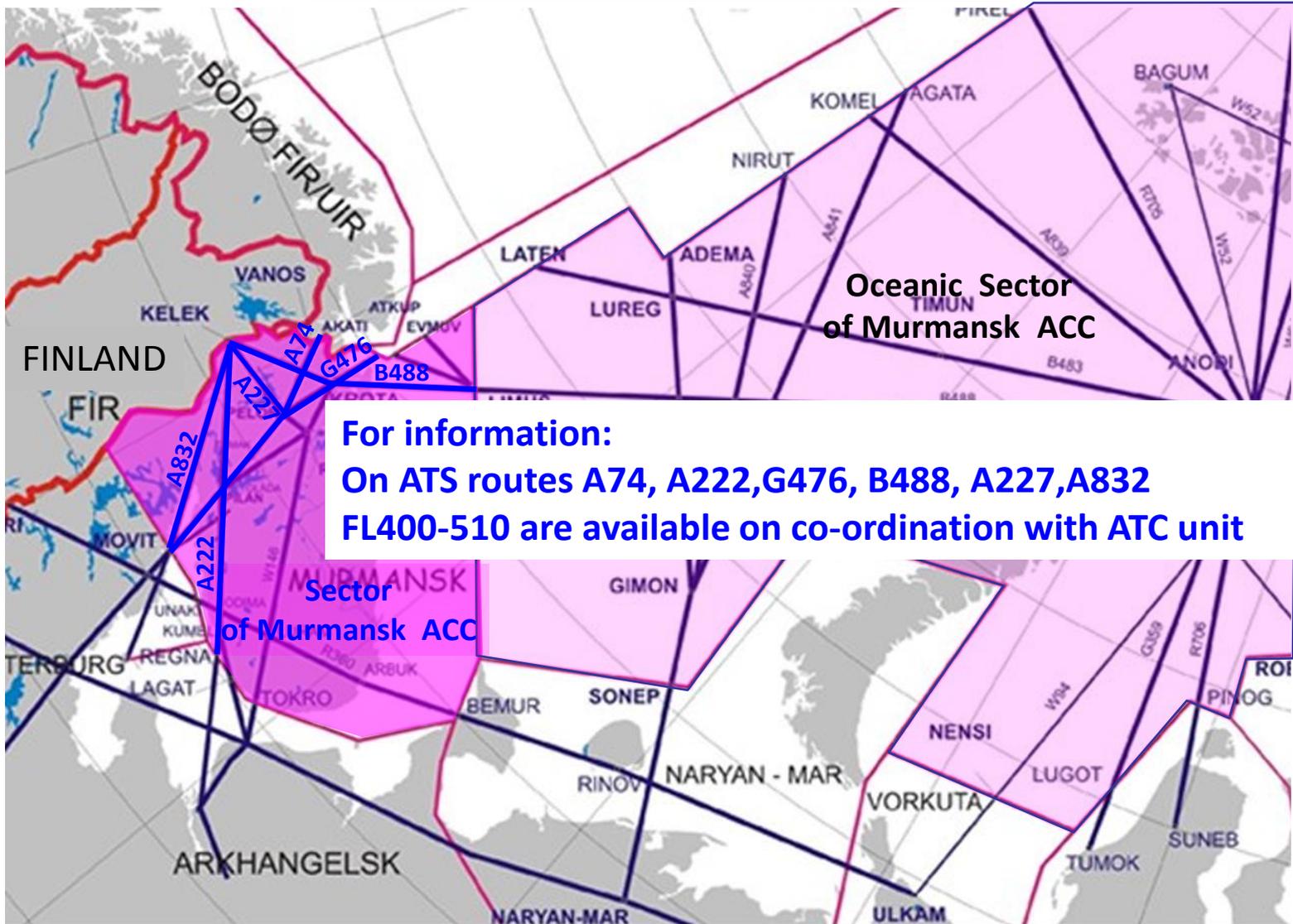


# Intensity of air traffic in the Oceanic Sector of Murmansk ACC for 2013, 2014, 2015 and 9 months 2016





# Airspace Sector of Murmansk ACC



Oceanic Sector of Murmansk ACC

For information:

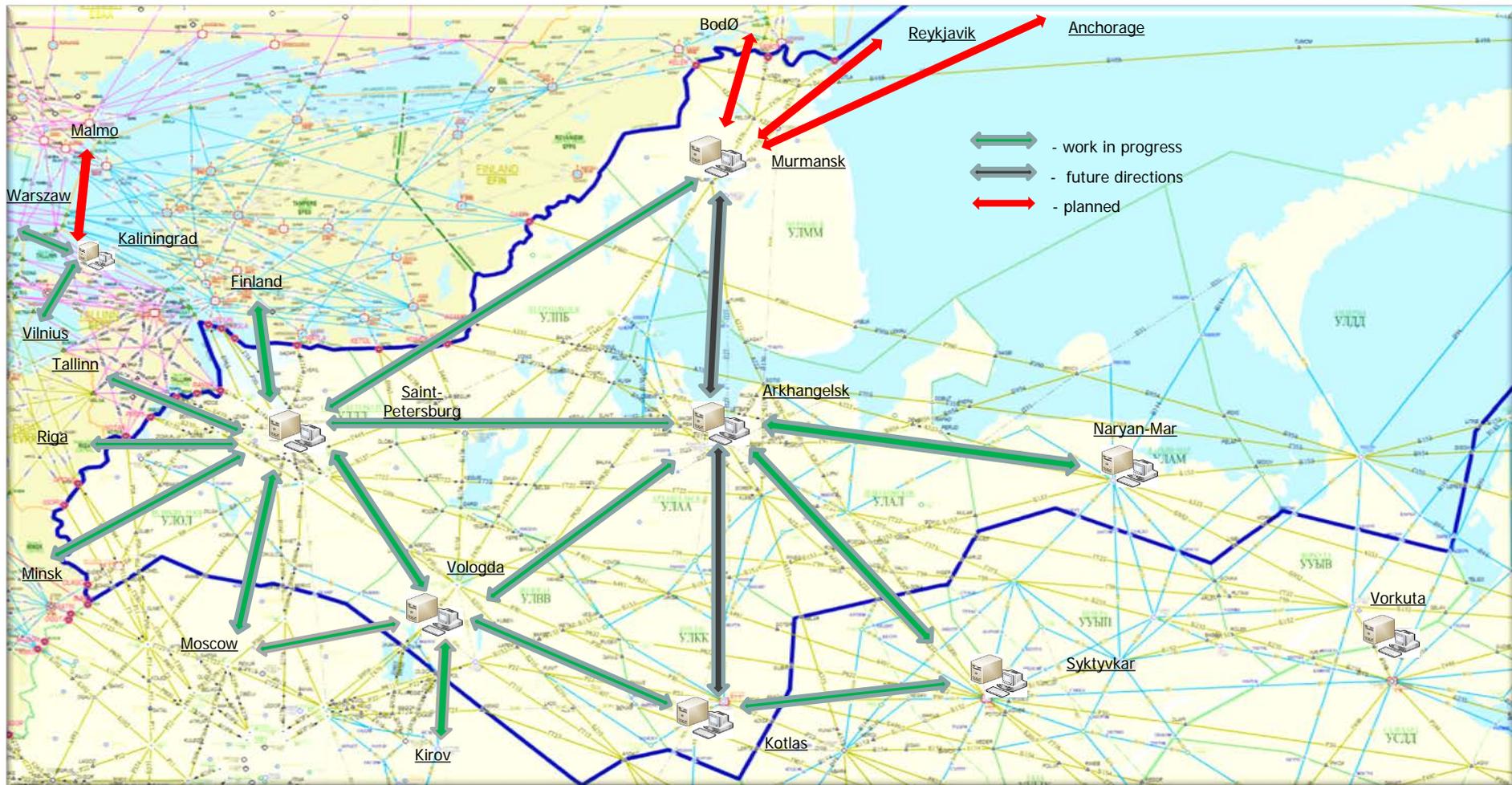
On ATS routes A74, A222, G476, B488, A227, A832

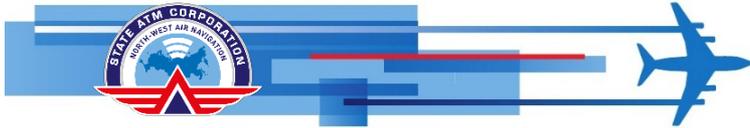
FL400-510 are available on co-ordination with ATC unit

Sector of Murmansk ACC



# OLDI communication





## Technical projects

OLDI procedures were implemented in all ACCs excluding directions:

- Kaliningrad – Malmø;
  - Murmansk – Bodø (Norway);
  - Murmansk – Reykjavik (Iceland);
  - Murmansk – Anchorage (USA)
- application  
of procedures on AIDC protocol

In order to implement technical projects, meetings were held:

### 02-04.12.2014 Meeting with Isavia (Iceland) in Murmansk

-Isavia is ready to implement AIDC. Implementation of OLDI protocol will be possible after updating of ATS system in Reykjavik in 2017.

-AIDC protocol in ATS system Alpha of Murmansk ACC is not implemented.

### 05-07.04.2016 Meeting with Avinor ANS (Norway) in Murmansk

- Preliminary actions and time schedule for the preparation of OLDI connection between ATS centers of Bodø and Murmansk were estimated.

- Avinor ANS should submit a plan for the implementation of OLDI connection between ATS centers Bodø and Murmansk.



## Actions on modernization of radio communication in HF range in Murmansk Oceanic sector

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### Objectives of modernization of communication and data transmission system in HF range

Improvement of quality of air navigation service and airspace capacity of Murmansk Oceanic sector by:

- Implementation of new voice communication technologies
- implementation of new digital radio communication technologies – services CPDLC, ADS-C

and consequently

- improvement of flight safety



**FSUE State ATM Corporation  
North-West Air Navigation Branch**

# Thank you

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**24-27 October 2016, Paris**