

# STATE ATM CORPORATION



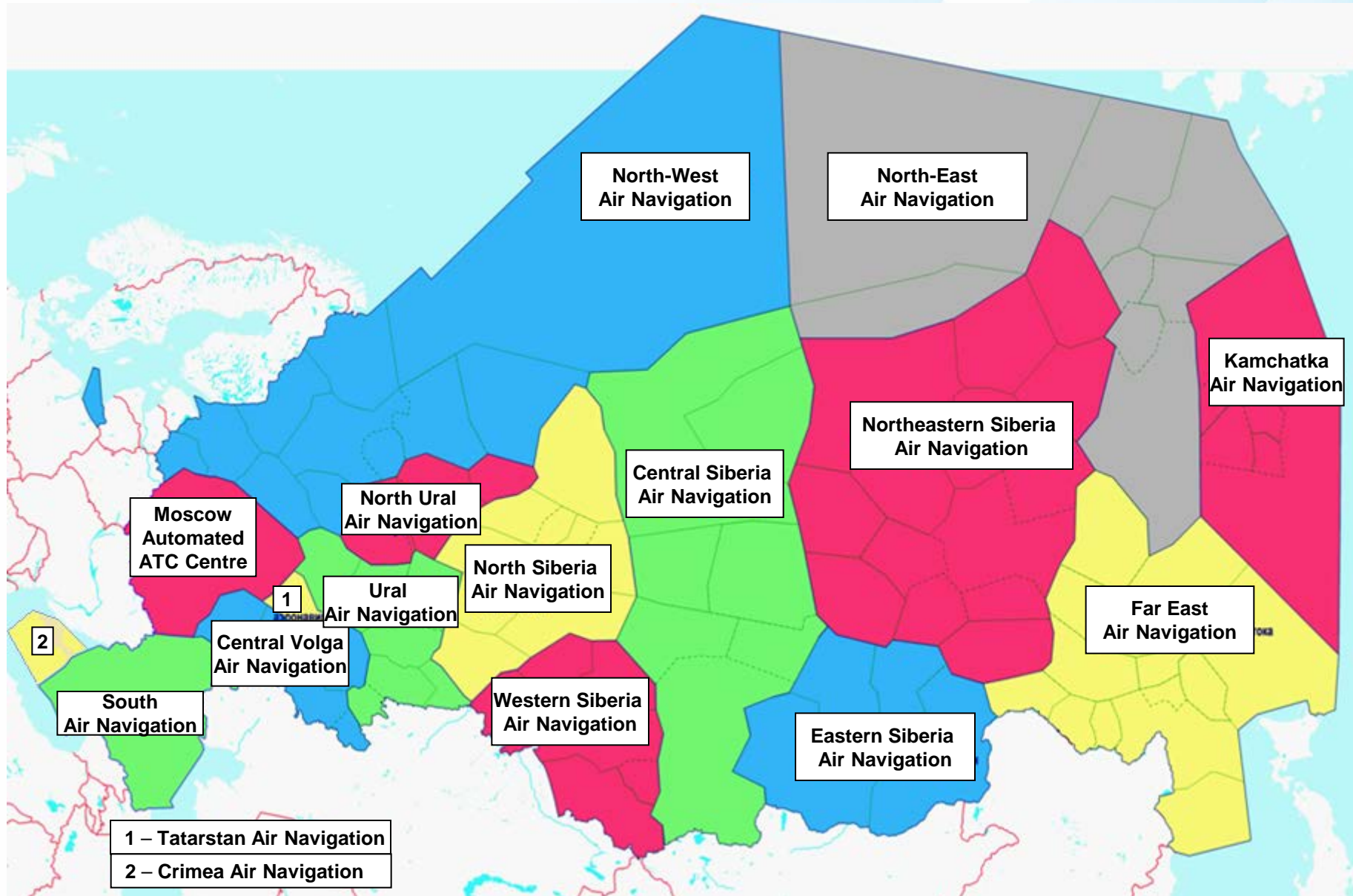
## 3-6 JUNE 2014, SAMARA



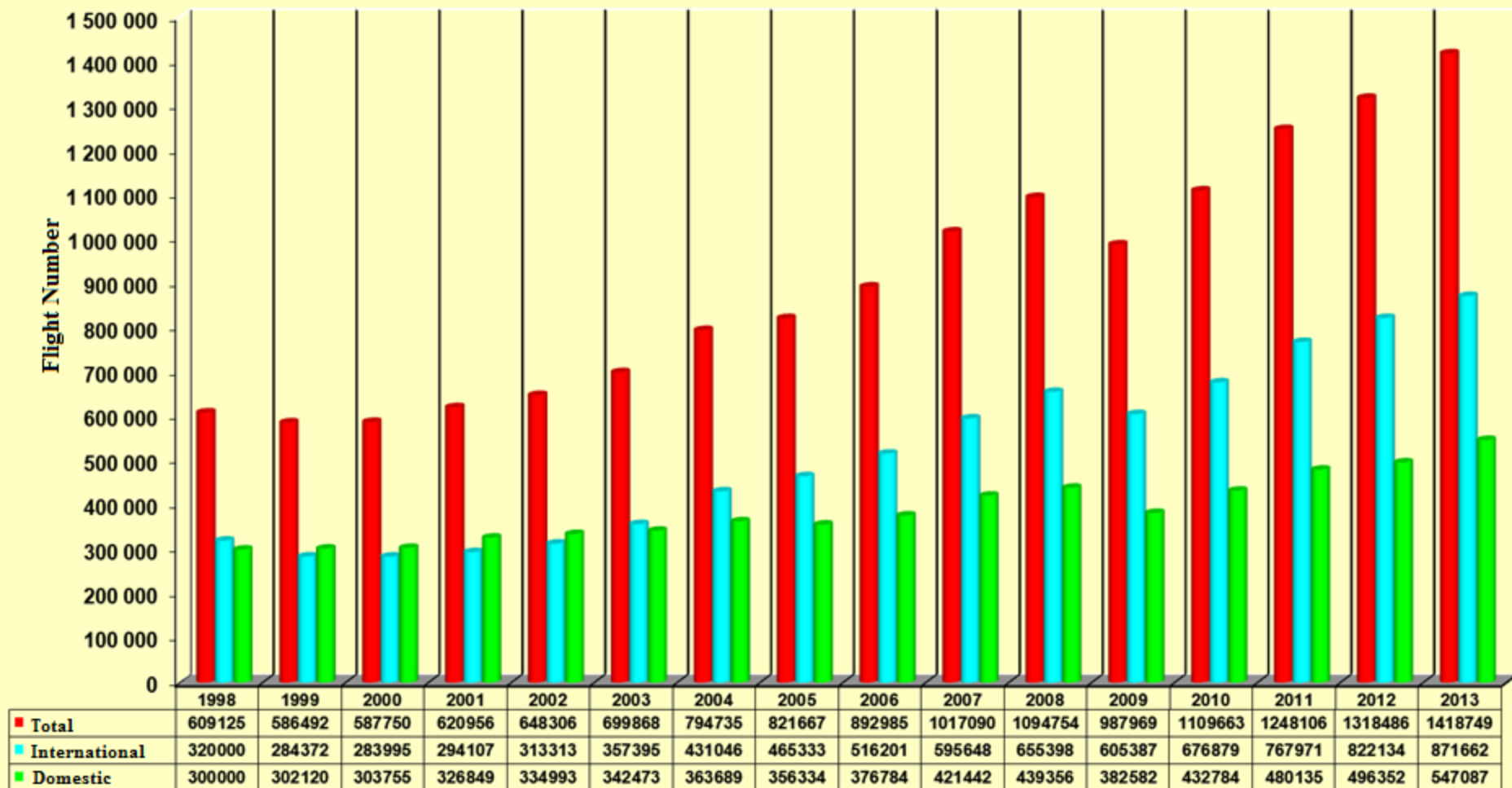
## ***Facts and Figures***

✓ Area of Responsibility	26 million km <sup>2</sup>
✓ Total Route Length	690 549 km
of which international	530 550 km
✓ Annual number of Movements	1 400 000
✓ Flights controlled at a time	1 000
✓ Number of Employees	26 000
✓ Number of operational ATCOs	7 300
✓ CNS/ATM personnel	9 500
✓ ACCs	45

# Branches

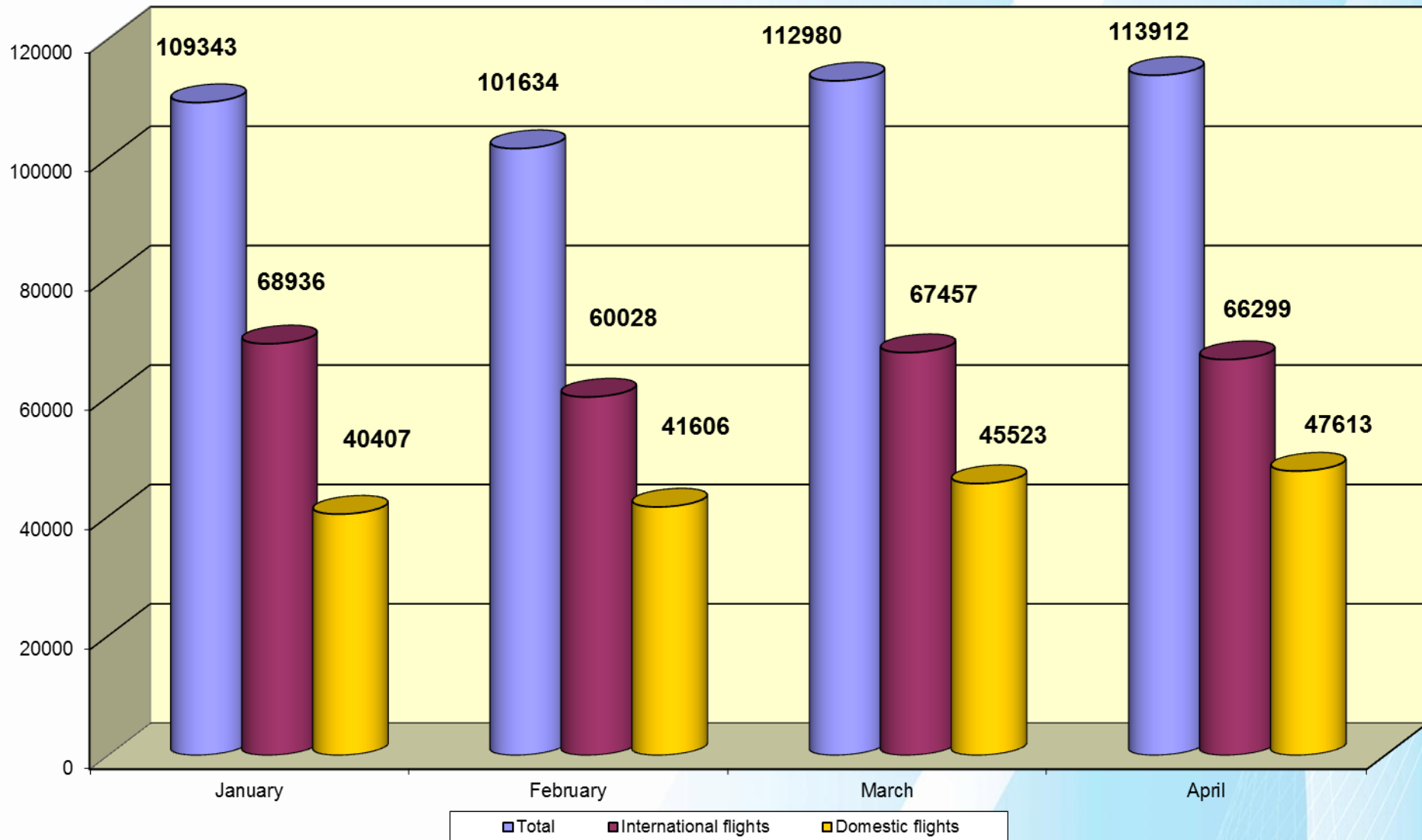


# Air Traffic Intensity 1998-2013



In 2013, air traffic increased by 7.6%

## ***Air Traffic Intensity 2014***



In 2014, air traffic has increased by 9.03%



# Main Transit Flows

Number of flights in January-April 2014:

93 452 (+1.66%)

Other routes  
4 926 (+34.59%)

Kaliningrad  
ATS routes

12 379 flights (-3.18%)

Trans-Sibirean  
ATS routes

2 638 flights (+24.26%)

Trans-Polar  
ATS routes

4 091 flights (-4.95%)

Cross-Polar  
ATS routes

3 916 flights (-0.74%)

Trans-Eastern  
ATS routes

8 348 flights (-8.82%)




















Asian  
ATS routes

29 823 flights (+0.40%)

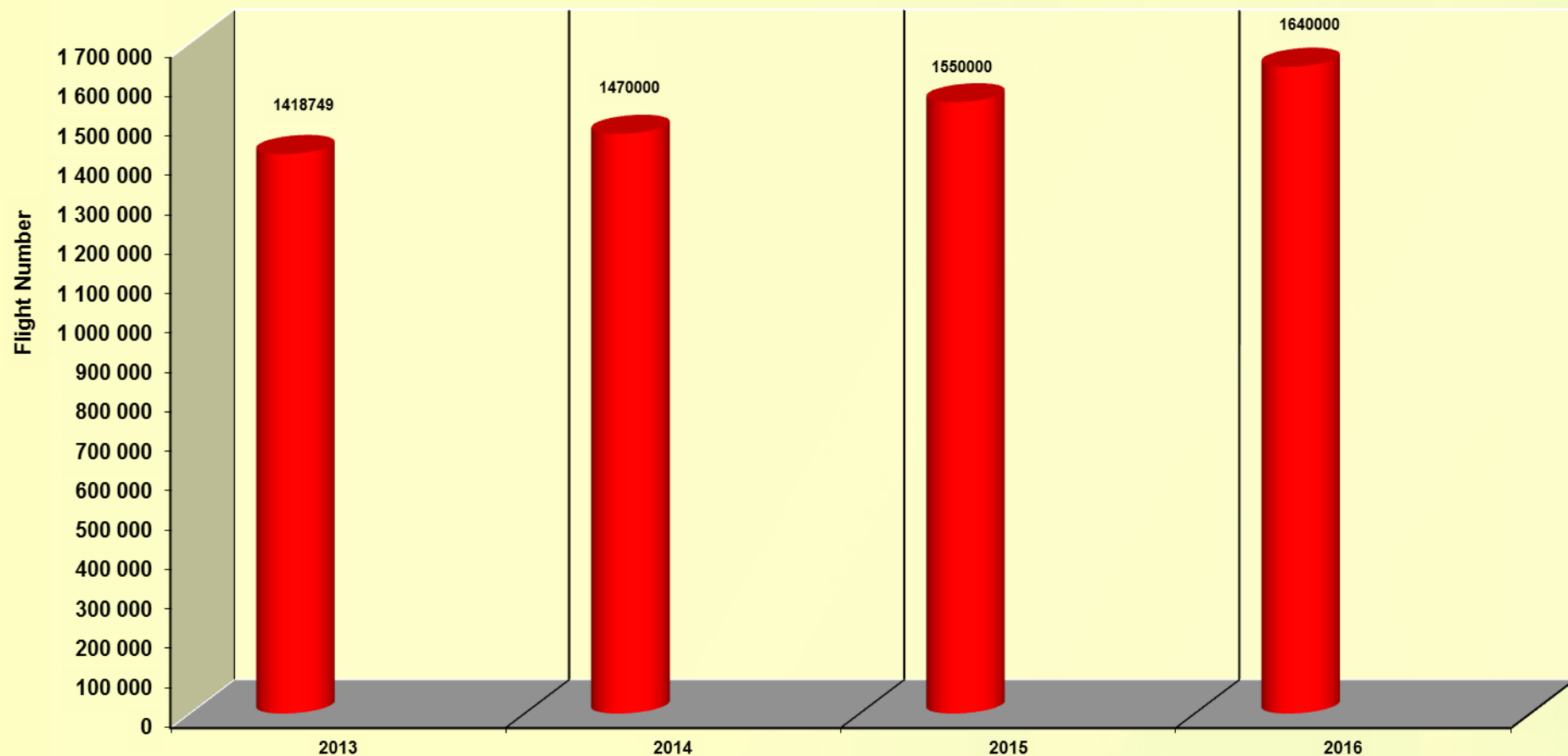
Trans-Asian  
ATS routes

27 331 flights (+4.11%)

## ***Entry/Exit Points with Neighboring States (2014)***

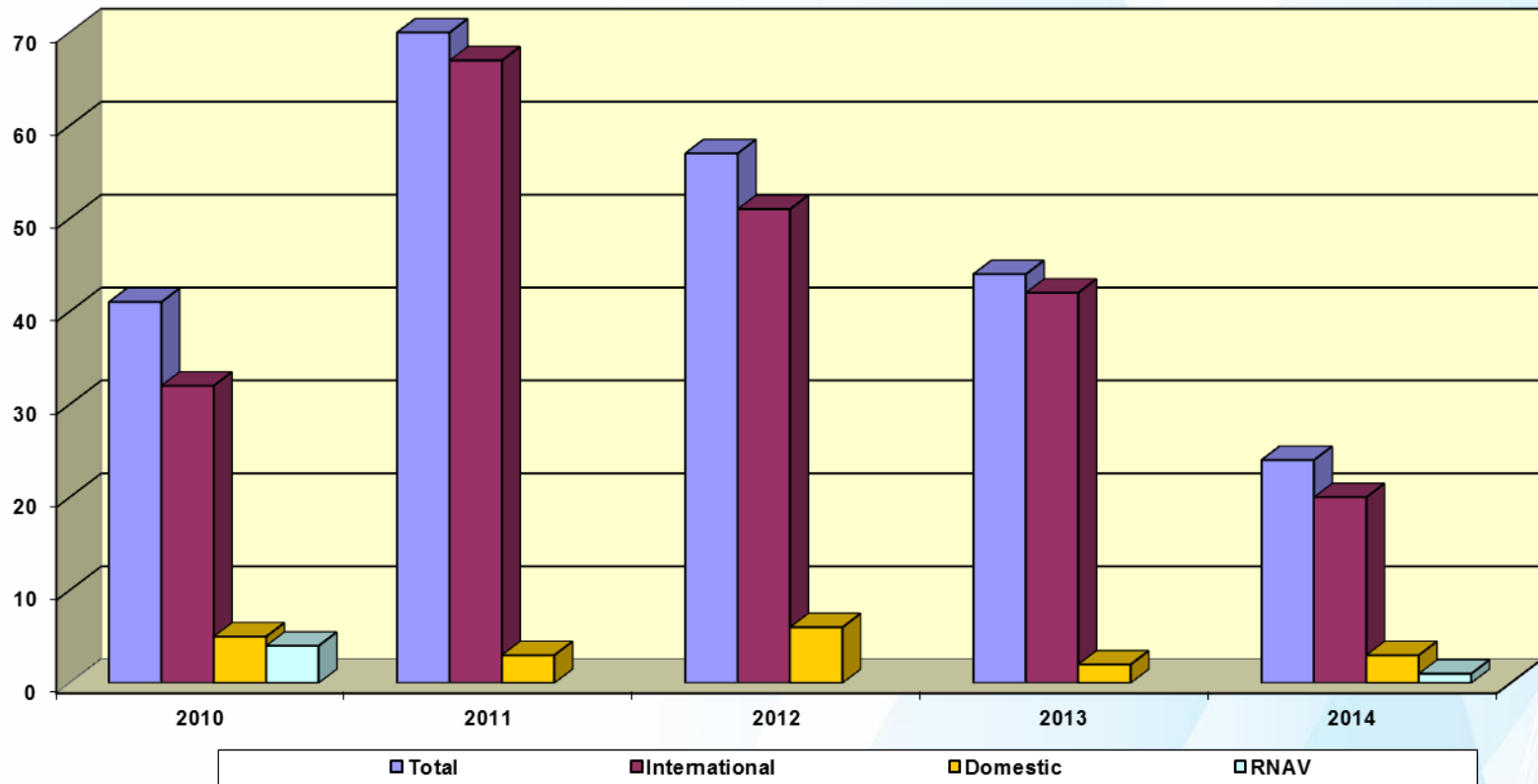
	Azerbaijan	6/12454		Latvia	3/9616
	Belarus	13/61362		Lithuania	7/24609
	China	6/9941		Mongolia	9/27802
	Estonia	4/27751		North Korea	4/2515
	Finland	10/10872		Norway	10/1376
	Georgia	6/20709		Poland	7/20675
	Iceland	2/1037		Turkey	3/12587
	Japan	7/10119		Ukraine	22/61524
	Kazakhstan	29/49684		USA	25/10838
				Sweden	1/322

# ***Air Traffic Intensity in Russia in 2013-2016 Forecast***



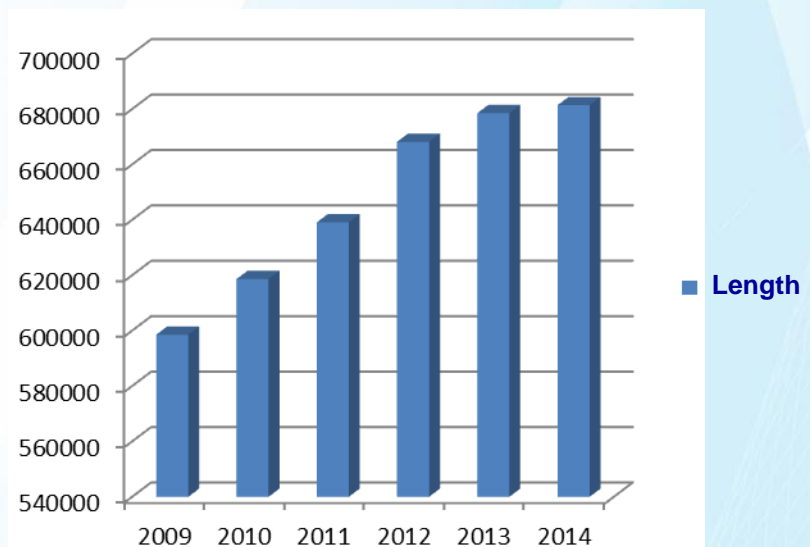
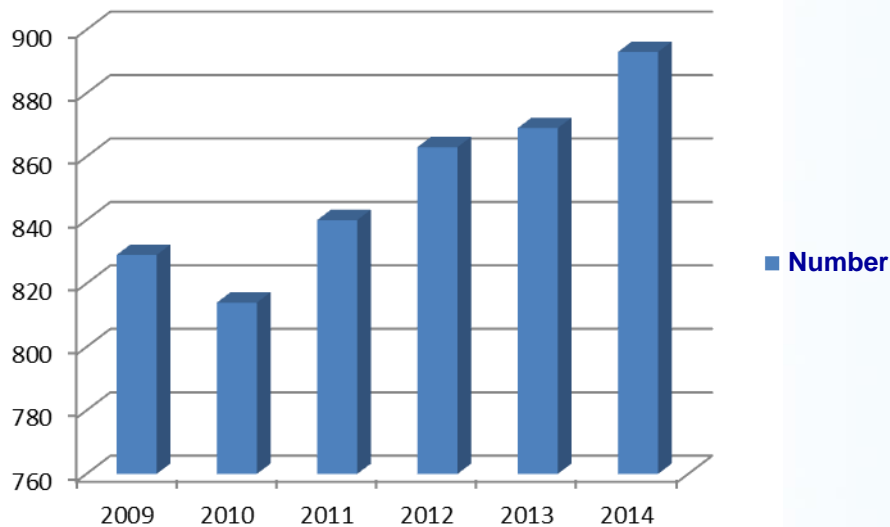


## ***New Routes Implementation***



- ✓ In 2014, new routes implemented – 24, with 20 international ones.
- ✓ Total number of airways utilized – 886 (international – 601).
- ✓ Route length - 690 549 km, (international - 530 550 km).

## ***ATS Route Number and Length Change***



# ***State ATM Corporation's Major Projects in 2014***

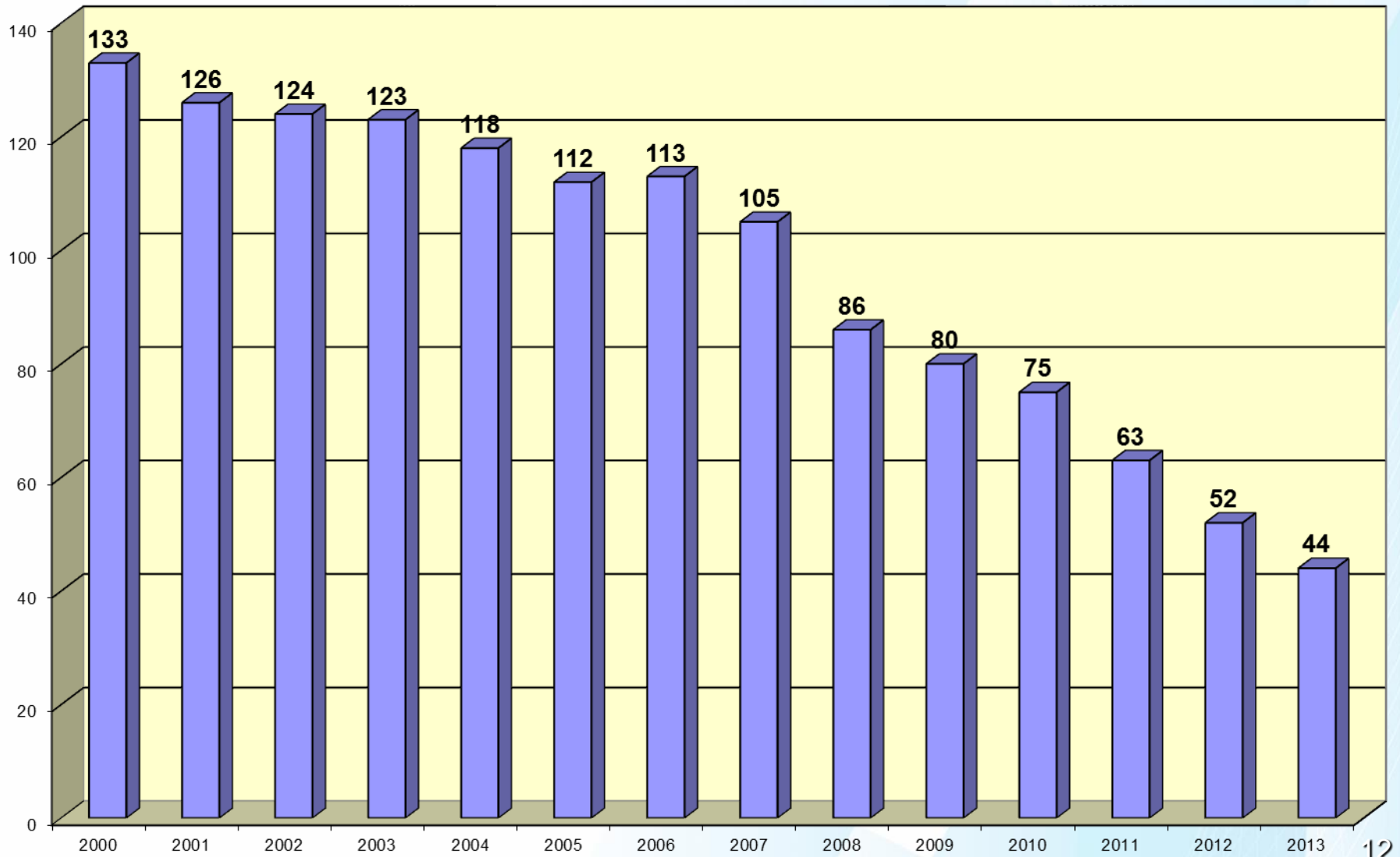
**Transition to QNH**

**ACC Consolidation**

**PBN Implementation**

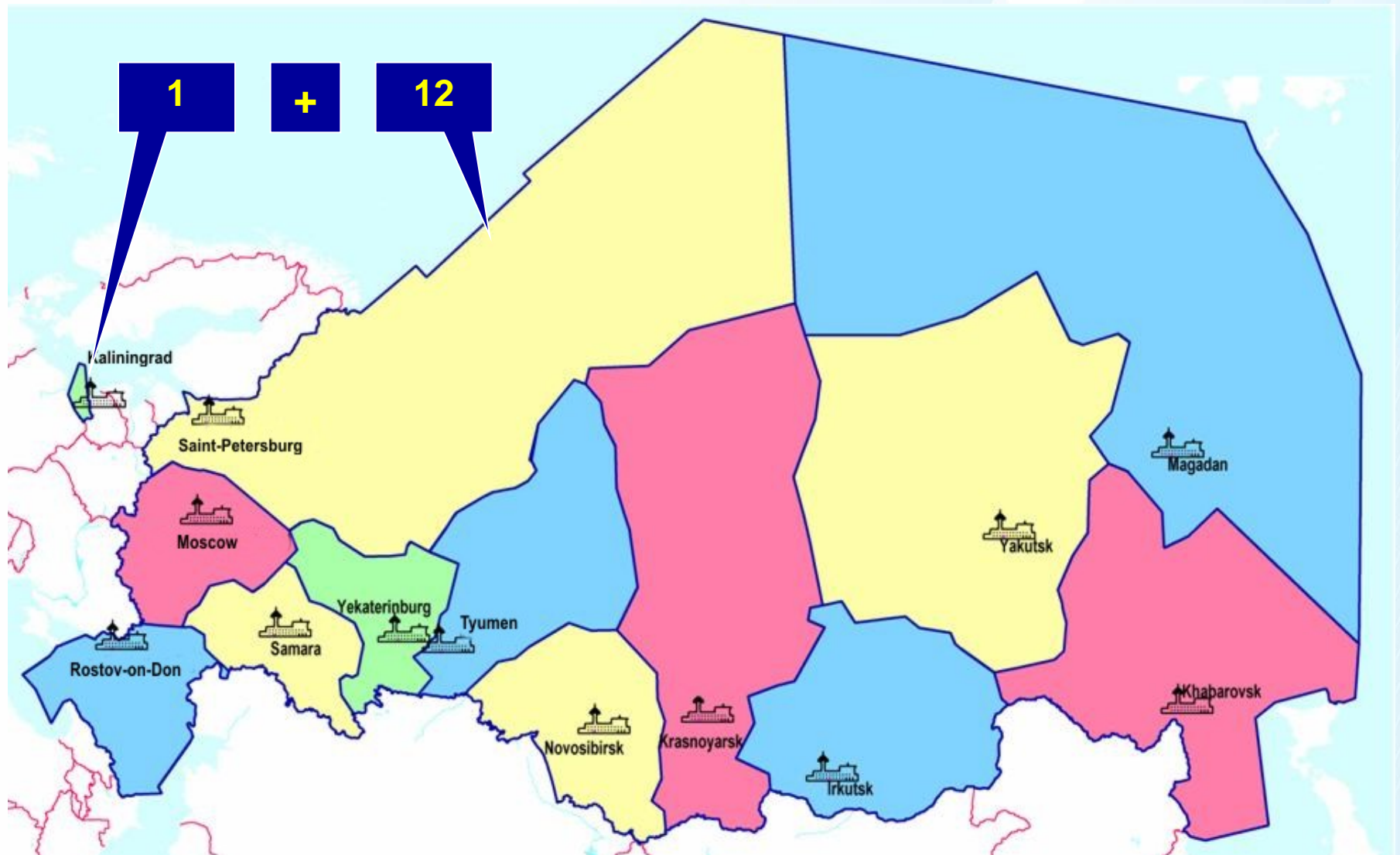
**Implementation of Moscow  
TMA New Airspace Structure  
and Interface of Saint-  
Petersburg, Samara, Rostov  
and Ekaterinburg TMAs**

## ***ACC Consolidation Dynamics***

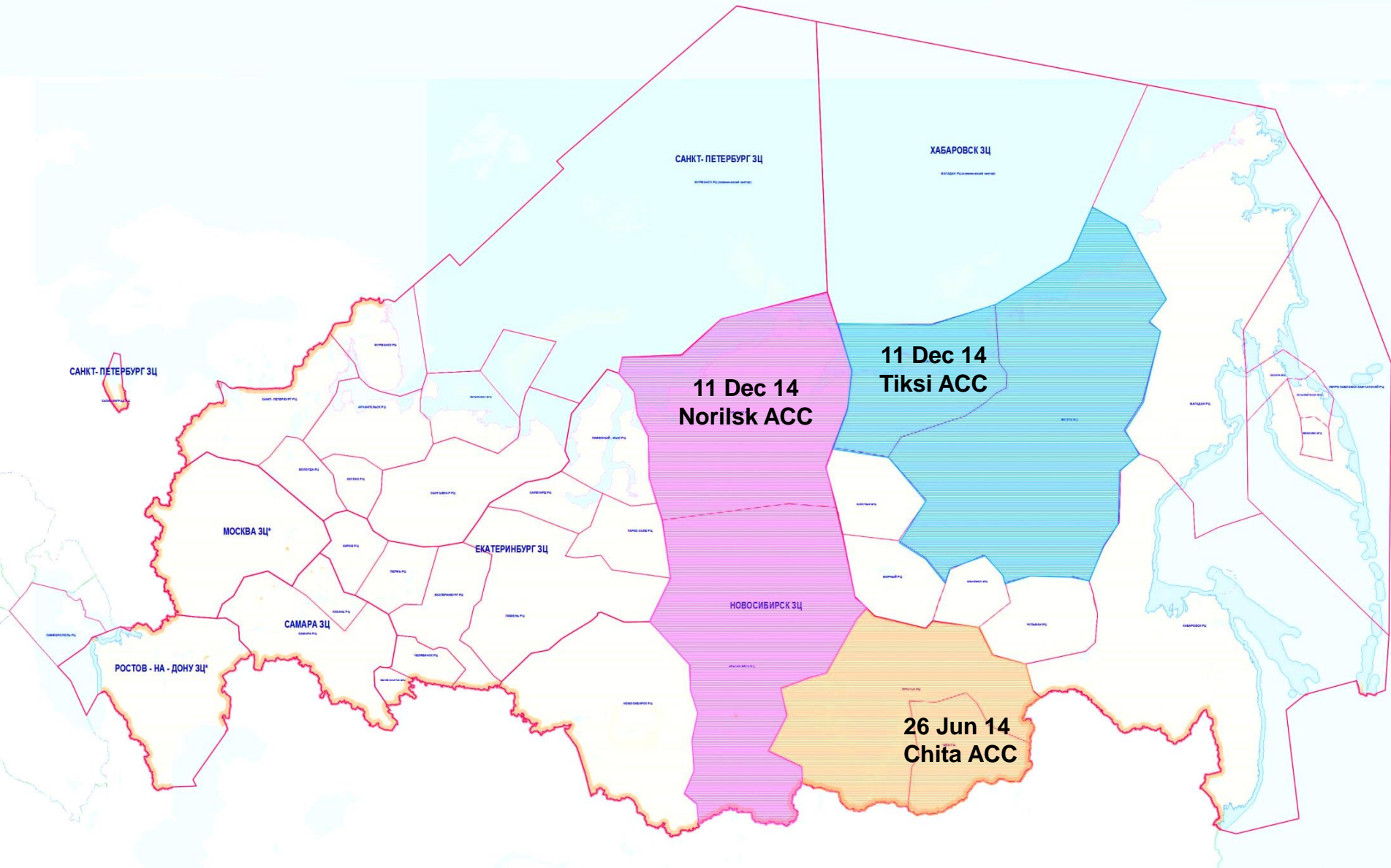




## Consolidated ACCs



# Consolidated ACCs Establishment 2014



# ***Samara Consolidated ACC***



**Ops Room**



**ATC controller's  
automated working  
position**



**Simulator Room**



# ***Non-commercial Educational Institution***

## ***«Corporate Personnel Training Center – Institute of Air Navigation»***

Established by State ATM Corporation in 2004.

Provides training, retraining and refresher courses as part of further professional education for aviation and other professionals in the form of courses, seminars, workshops, various consulting services, offsite training, etc.

Departments:

- Department for Refresher Training and Retraining for Joint ATM System Personnel;
- Department for Refresher Training and Retraining for Civil Aviation Organizations Personnel.





## **State ATM Corporation**

### ***“Aerocontrol” Branch***

Established by the State ATM Corporation in September 2013.

Its objectives include carrying out aviation missions to perform flight inspections of CNS facilities, aeronautical telecommunications, aerodrome lighting systems, and aerial photographic flights.

State ATM Corporation owns two Beechcraft KingAir350 and one P.180 aircraft flying laboratories.

The labs are equipped with AD AFIS-112 designed for all types of flight inspections.



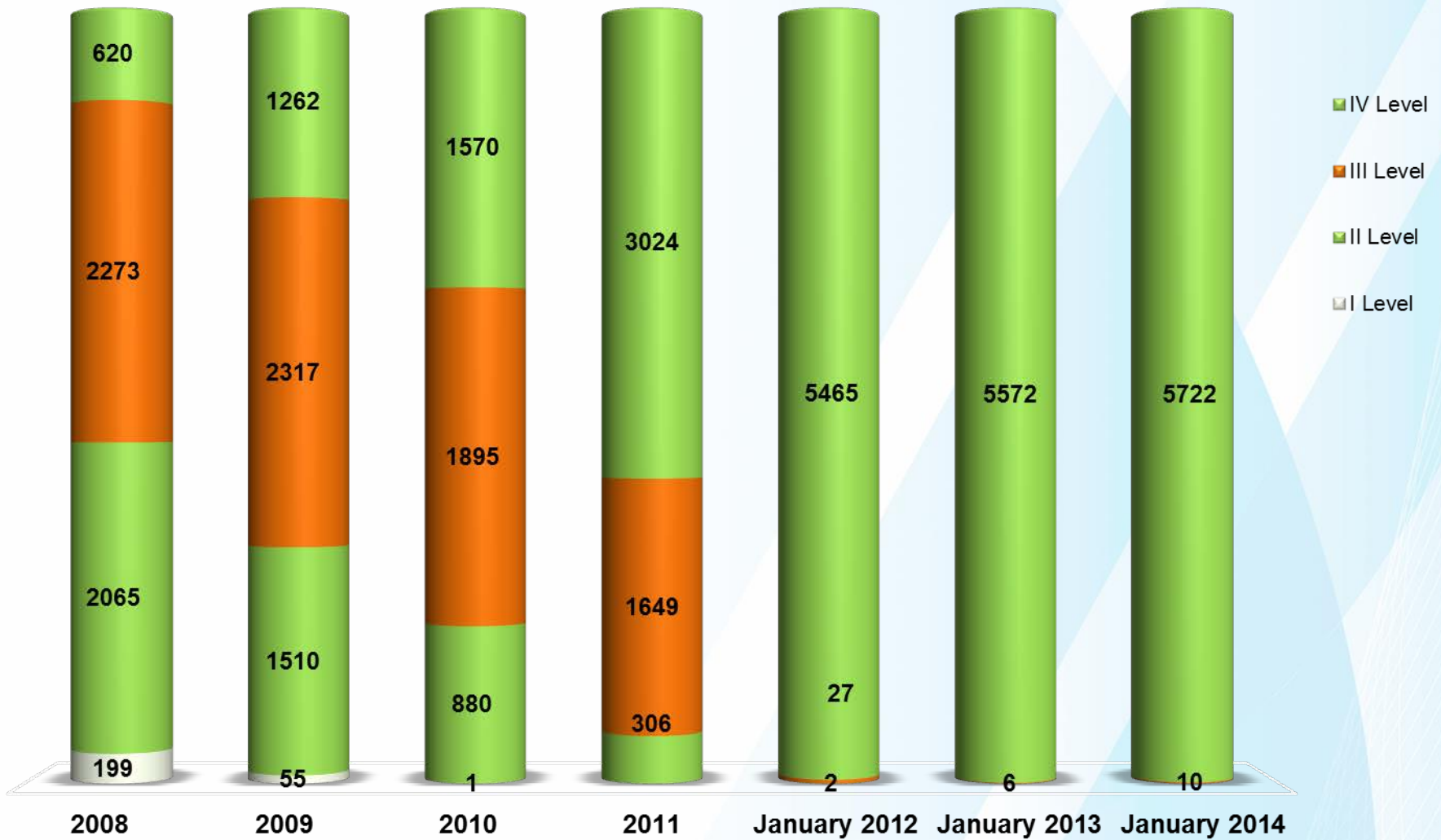
Piaggio P-180

Beechcraft King Air 350i  
Equipped with AD AFIS-112



Equipment rack and operator's panel

## ATS Personnel Language Proficiency





**THANK YOU**