



Federal State Unitary Enterprise
«State ATM Corporation»

Branch of «North East Air Navigation»



Development Plan for the Flight Crews Meteorological Information Provision within Magadan ACC Area of Responsibility





Development Plan for the Meteorological Information Provision within Magadan ACC

Use of CPDLC for Meteorological Information Provision for Airborne Aircraft within Magadan ACC Area of Responsibility



Magadan ACC

Alpha
automated
ATC system



Data Base of
Meteorological
Information

Russia's
Government-owned
MET Provider

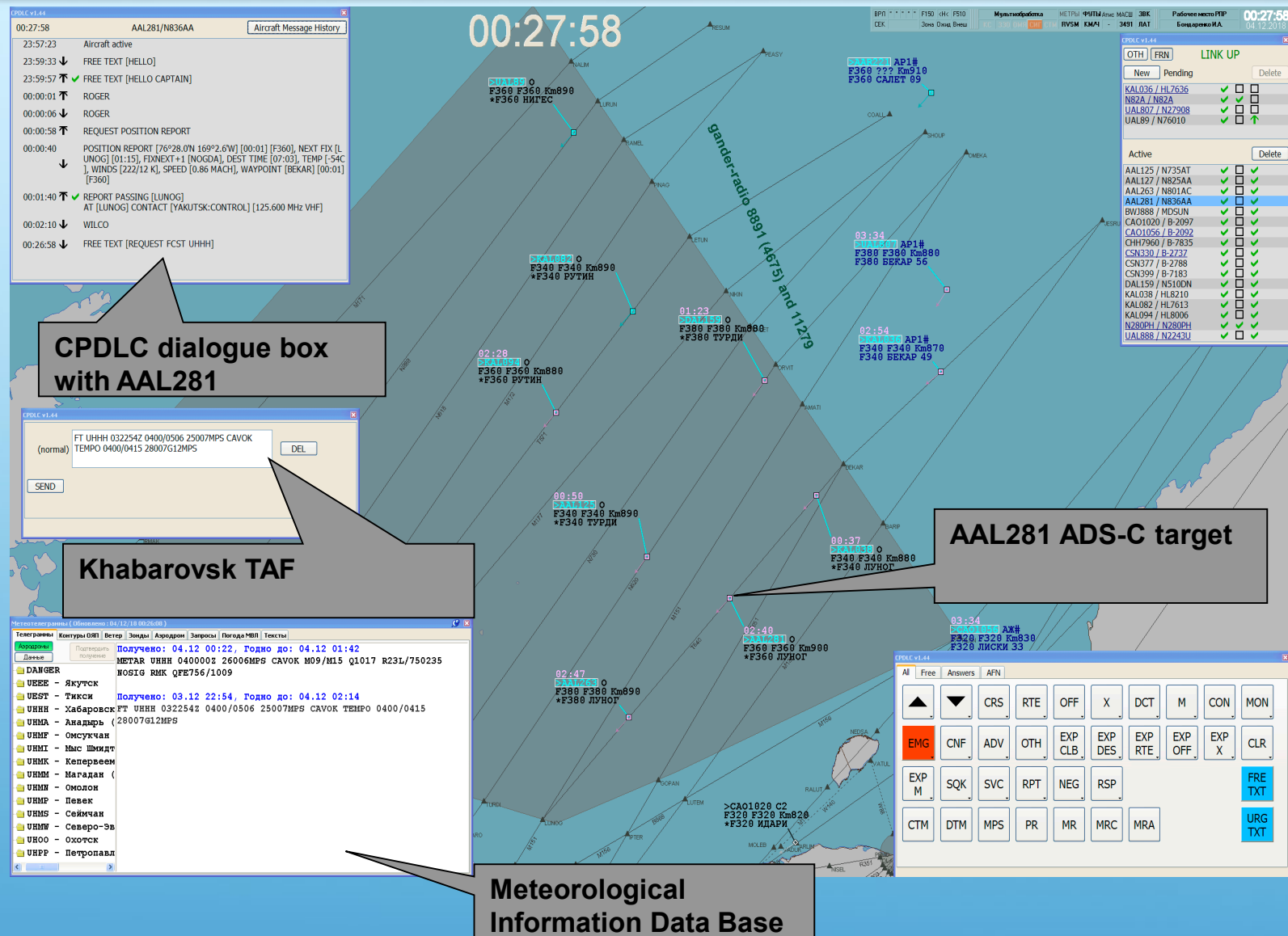
METAR/SPECI, TAF REQUEST
CPDLC
METAR/SPECI, TAF:

UEEE
UHHH
UHMM
UHMA
UHPP
UHSS



The pilots are enabled to request and get actual weather reports en-route, for their alternative or destination aerodromes that can be sent to Magadan ACC from any waypoint on route in the text format (METAR, TAF, SPECI) via CPDLC. In this case, the flight crews do not have to monitor HF frequencies and copy the information, which will allow them to avoid mistakes connected with possible misinterpretation of voice messages. In the same way, the flight crews are informed about the present or expected significant weather phenomena on route (SIGMET) or any other information they may require.

There is an example of Khabarovsk Aerodrome TAF broadcast as requested by the flight crew.





Magadan ATS Unit “AMetISt” Automated Information Service (D-VOLMET and D-ATIS)



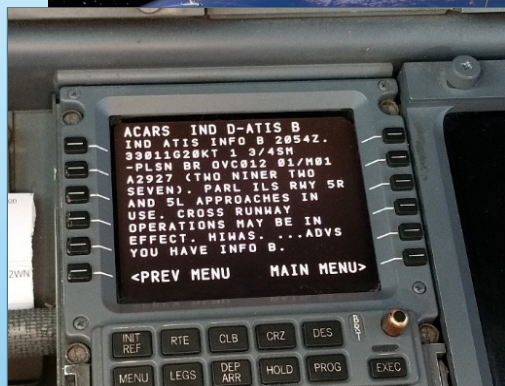
AMetIST Equipment gives the possibility to provide air space users with actual weather, aeronautical or other additional information, required for take offs or landings at Magadan Sokol Aerodrome, as well as information of actual or forecasted weather at the alternative aerodromes of Yakutsk, Magadan, Anadyr, Khabarovsk, Petropavlovsk-Kamchatski and Yuzhno-Sakhalinsk.

AMetIST Service presently provides:

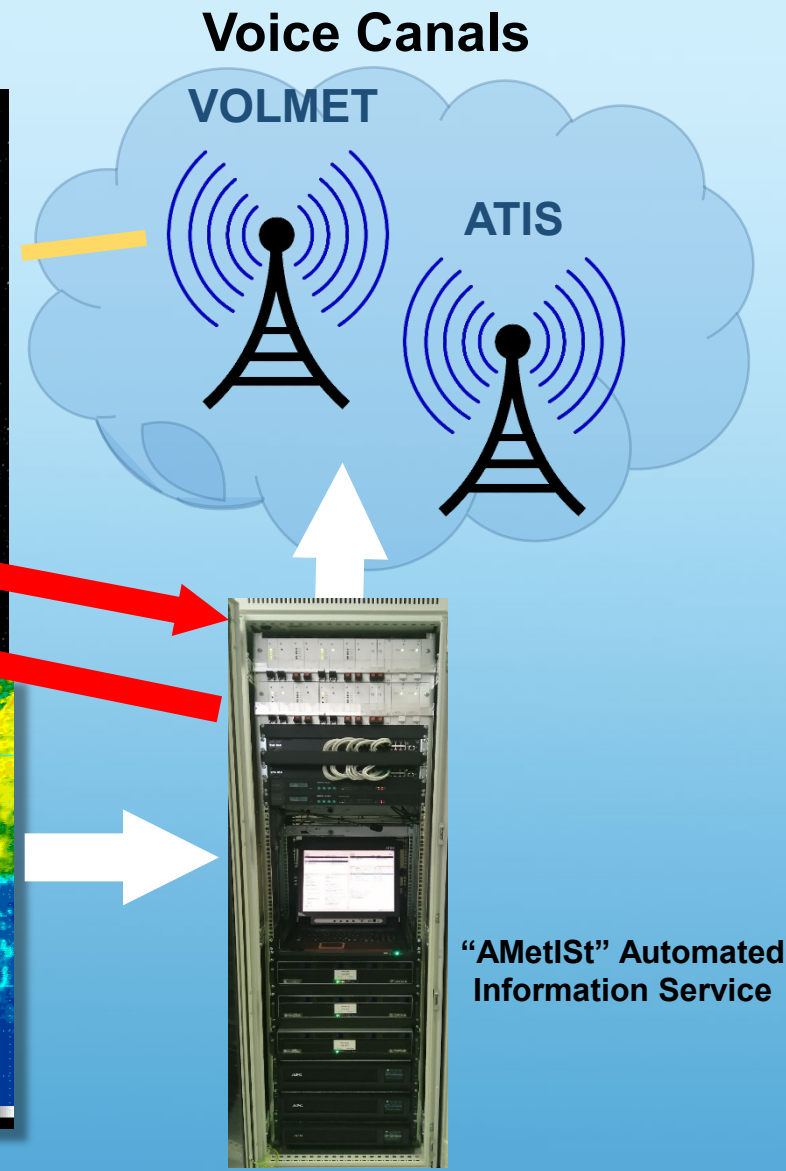
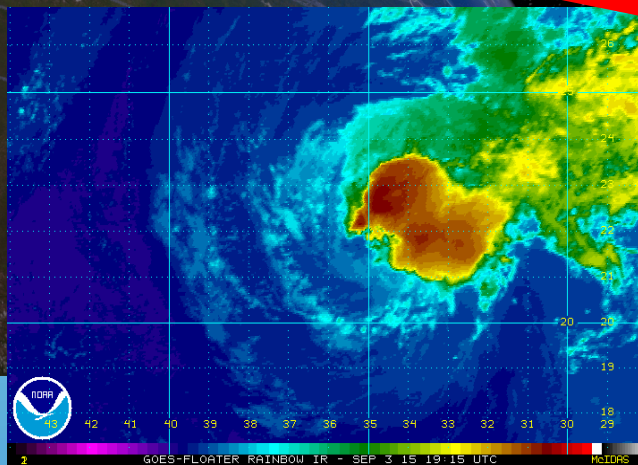
- ATIS and VOLMET radio broadcasts both in Russian and in English;
- ATIS broadcasts by telephone.



Development of the Meteorological Information Provision within Magadan ACC



State ATM Corporation is planning to include Sokol Airport (Magadan) into the digital meteorological broadcast service testing program in 2021 within which automated “AMetISt” system will be connected to the data link Provider (SITA) to deliver D-ATIS and D-VOLMET meteorological and aeronautical information to aircraft.



“AMetISt” Automated Information Service



THANK YOU!