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

Utilization of CPDLC to provide meteorological information for airborne aircraft within Magadan ACC responsibility area

Magadan ACC

Russia’s Government-owned MET Provider

Data Base of Meteorological Information

Automated ATC System “Alpha”

METAR/SPECI, TAF REQUEST

METAR/SPECI, TAF:

UEEE
UHHH
UHMM
UHMA
UHPP
UHSS
The pilots’ requests for the enroute, alternate or destination aerodrome weather can be sent to Magadan ACC via CPDLC from any flight route point and they will get the true meteorological information in the text format (METAR, TAF, SPECI). In this case the flight crews do not have to monitor HF frequencies and copy the information which will allow avoiding mistakes connected with possible misinterpretation of voice messages. In similar way, the flight crews are informed about the present or expected significant weather (SIGMET) along the flight route or any other necessary information.

There is an example of the Khabarovsk aerodrome TAF on the flight crew request.
Development of the Meteorological Information Provision within Magadan ACC

At present the branch is being equipped with automated information service “AMetIS” (D-VOLMET and D-ATIS) to automate the meteorological data provision on pilot’s request. The special automated system “Alpha” software is planned to be updated in 2020.
THANK YOU FOR YOUR ATTENTION!