



# Aeronautical MET personnel competency scheme

Presented by

**Claudia VIRLAN**

ANS Supervision Director, Romanian CAA

# History



1981 – First MET License was issued based on Government Decision no.14/1981 amended by Civil Aviation Dept. Order no. C536/1990;

1994 – CAA establishes the new procedures for licensing the MET personnel according to WMO system – RAC-LMET and RAC-CURS;

2003 – MoT Order no. 31 transposes the ESARR 5 into national legislation;

2004 – MOT Order 650 establishes the new procedures for licensing the MET personnel according to WMO system;

# International framework



*Requirements concerning qualifications and training of meteorological personnel in aeronautical meteorology are given in :*

- ICAO Annex 1 SARPs Chapter 4 Para. 4.7
- ICAO Annex 3 SARPs Chapter 2 Para 2.1.5
- WMO Publication No. 49, Technical Regulations, Volume I, Chapter B.4 — Education and Training.

# WMO certification - Old/New



Former ratings

New ratings

Class I

Forecaster

Class II

- entry/mid /senior level

Class III

Technician (Observer)

Class IV

- entry/mid /senior level

# MET Staff Certification Scheme



- Selection criteria
- First issuance, revalidation, renewal conditions;
- Training requirements;
- Theoretical and practical exams;
- Ratings, special authorizations, unit authorizations;
- Rights and obligations;
- Revocation and suspension conditions.
- Forms used (license doc., application form, etc.);

# MET Staff Certification Scheme (cont'd)



2 types of licenses:

- Student MET License  
(fixed validity: not more than 6 months after the training course is finished;  
can be renewed only once)
- MET License  
(undetermined validity; conditioned by 24 months validity for the associated competences)

# Entry conditions - Student License



- Minimum age 18 and maximum 30 (35 if university degree exists); not applicable for experienced MET staff;
- Medical fitness required (separate MoT Order);
- Basic education:
  - technicians: - high school;
  - forecasters: - university degree in atmospheric physics;
- Passed examination (theoretical)

# Entry conditions - MET License



- Valid Student MET License;
- Approved Training course;
- Unit confirmation;
- Medical fitness required;
- Passed examination (theoretical and practical)
- Proficiency in English (as required by EUR-ANP)



# Ratings/Authorizations



## Technician

- 3<sup>rd</sup> grade (entry level);
- 2<sup>nd</sup> grade (mid level);
- 1<sup>st</sup> grade (senior level);

## Forecaster

- 3<sup>rd</sup> grade (entry level);
- 2<sup>nd</sup> grade (mid level);
- 1<sup>st</sup> grade (senior level);

OJTI Authorization (on-the-job training instructor)

CLA Authorization (climatologic activities)

Unit Authorization – meteorological station, MET Office,  
MET Watch Office

# Revalidation



## Revalidation

- Minimum 18 months operational activity;
- Approved training course within 12 months before;
- Medical fitness required;
- Passed examination (theoretical – 70% pass mark and practical);
- Proficiency in English

# Renewal



## Renewal (2 main situations):

- no operational activity between 6 -12 months;
- no operational activity more than 12 months;
- Medical fitness required;
- Approved training course;
- Passed examination (theoretical and practical)
- Proficiency in English

**!ANSP must notify the CAA all interruptions of the operational activity more than 2 months**

# Training centers



- Registered activity;
- Management and Training Manuals;
- Quality assurance process;
- Training curricula;
- Resources (human, facilities, etc.)
  - no. of instructors 6:1
  - maximum 12 students/class
  - archives at least for 5 years
  - full time employed Training Manager

Authorization is issued for 3 years

# Training courses



## Initial Courses

- Student Technician – 4 months (2T+2P)
- Student Forecaster – 12 months (2T+10P)

## Specialization Courses

- Upper grade – 1 month
- Refreshment – minimum 10 days
- OJT, CLA – minimum 10 days
- Forecaster to technician – 3 weeks (1T+2P)
- Technician to Forecaster – 10 months (1T+9P)
- Same unit different location – 1 week
- Different units – 6 weeks (2T+4P)

# Training courses (cont'd)



## Specialization Courses

- Renewal
  - 5 days (6-12 months interruption)
  - 10 days (5T+5P) (12 – 24 months interruption)
  - 6 weeks (over 24 months interruption) for 2<sup>nd</sup> and 1<sup>st</sup> grades
  - initial training (over 24 months interruption) for 3<sup>rd</sup> grades

# Future



- Continuous update of the training requirements;
- Validation of the training made abroad;
- Exclude maximum age limit.
- Include special cases met during the applicability of the present regulation.

---

**THANK YOU FOR  
LISTENING!**

**ANY QUESTIONS?**