

Recommendation **ITU-T F.749.18 (06/2024)**

SERIES F: Non-telephone telecommunication services

Multimedia services

Framework and requirements for emergency services using civilian unmanned aerial vehicles

ITU-T F-SERIES RECOMMENDATIONS
Non-telephone telecommunication services

TELEGRAPH SERVICE	F.1-F.109
Operating methods for the international public telegram service	F.1-F.19
The gentex network	F.20-F.29
Message switching	F.30-F.39
The international telemesssage service	F.40-F.58
The international telex service	F.59-F.89
Statistics and publications on international telegraph services	F.90-F.99
Scheduled and leased communication services	F.100-F.104
Phototelegraph service	F.105-F.109
MOBILE SERVICE	F.110-F.159
Mobile services and multideestination satellite services	F.110-F.159
TELEMATIC SERVICES	F.160-F.399
Public facsimile service	F.160-F.199
Teletex service	F.200-F.299
Videotex service	F.300-F.349
General provisions for telematic services	F.350-F.399
MESSAGE HANDLING SERVICES	F.400-F.499
DIRECTORY SERVICES	F.500-F.549
DOCUMENT COMMUNICATION	F.550-F.599
Document communication	F.550-F.579
Programming communication interfaces	F.580-F.599
DATA TRANSMISSION SERVICES	F.600-F.699
MULTIMEDIA SERVICES	F.700-F.799
ISDN SERVICES	F.800-F.849
UNIVERSAL PERSONAL TELECOMMUNICATION	F.850-F.899
ACCESSIBILITY AND HUMAN FACTORS	F.900-F.999

For further details, please refer to the list of ITU-T Recommendations.

Recommendation ITU-T F.749.18

Framework and requirements for emergency services using civilian unmanned aerial vehicles

Summary

When emergency occurs, there are always two critical things to consider: to find the survivors and to reduce the loss. However, it is dangerous and difficult for human beings to observe or enter the scene in time. By using civilian unmanned aerial vehicles (CUAVs) that carry base stations or observation equipment (such as cameras and sensors), administrators can easily analyse the situation and make decisions.

Recommendation ITU-T F.749.18 provides the framework and requirements for emergency services using civilian unmanned aerial vehicles, which meets the needs of emergency use cases.

History*

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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Table of Contents

	Page
1 Scope	1
2 References.....	1
3 Definitions	1
3.1 Terms defined elsewhere	1
3.2 Terms defined within this document	2
4 Abbreviations and acronyms	2
5 Convention.....	2
6 Introduction	3
7 Framework of emergency services using civilian unmanned aerial vehicles.....	3
7.1 Device layer.....	4
7.2 Network layer	5
7.3 Service layer	5
7.4 Application layer	5
8 Requirements for emergency services using civilian unmanned aerial vehicle	5
8.1 Requirements for emergency communications	5
8.2 Requirements for emergency rescue and evaluation	8
8.3 Requirements for service management	9
Appendix I – Use cases of emergency services using civilian unmanned aerial vehicles.....	10
I.1 Emergency communication support for natural disasters	10
I.2 Communication guarantee in hot spot areas	11
I.3 Disaster scene with trapped people search and rescue.....	11
Bibliography.....	12

