



ASTM International Technical Committee F41 on Unmanned Maritime Vehicle Systems (UMVS)

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Committee F41 Webpage:

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Established: 2005

Number of Members: 30+

Number of Standards: 4

The standards are available in: *Volume 15.11 in the Annual Book of ASTM Standards*

Meetings: F41 meets once each year, often in conjunction with the Unmanned Systems North America Conference of AUVSI

SCOPE:

The development of standards and guidance materials for unmanned undersea vehicle systems and unmanned surface vehicle (USV) systems to facilitate an interoperable, modular, and multifunctional family of platforms. The work of this Committee will be coordinated with other ASTM Committees and organizations having mutual interest.

SUBCOMMITTEES:

- F41.01 Autonomy and Control
- F41.02 Communications
- F41.03 Mission Payload Interface
- F41.04 Data Formats
- F41.05 Maritime Regulations
- F41.90 Executive
 - F41.90.01 Unmanned Surface Vehicles
 - F41.90.02 Oceanographic Data Collection
- F41.91 Honors Awards

KEY DOCUMENTS:

- F2541 Standard Guide for Unmanned Undersea Vehicles (UUV) Autonomy and Control
- F2545 Standard Guide for Unmanned Undersea Vehicle (UUV) Physical Payload Interface
- F2594 Standard Guide for Unmanned Undersea Vehicle (UUV) Communications
- F2595 Standard Guide for Unmanned Undersea Vehicle (UUV) Sensor Data Formats

