



Mobile, SNG, Broadcast, and Uplinker Certification Program

GVF TRAINING AND CERTIFICATION PROGRAM

GVF's award-winning program encompasses operation, installation, and maintenance of VSAT, marine, and mobile/SNG satellite terminals, in addition to general satcom theory. GVF training is a key part of **interference prevention**.

GLOBAL ACCESS

Students learn, practice, and demonstrate their knowledge and skills with online, interactive, simulator-driven training modules developed by SatProf, Inc. Courses are self-paced and available 24/7.

Hands-on skills testing and supplementary classroom sessions are supported by GVF Examiners and Regional Training Centers located in every major region of the world.

INTEGRATED TRAINING

The GVF curriculum can be integrated with your organization's own online and classroom training on a custom portal provided by GVF, to serve your staff and customers.

WHY CERTIFICATION?

Certification demonstrates and documents your commitment to peers, employers, customers, and competitors that you use industry-endorsed best practices. It will give you and your company a competitive advantage.

Certificate holders may appear in the *Certification Database* on the GVF training website.

FOR MORE INFORMATION AND TO REGISTER

www.gvf.org/training
gvfsupport@satprof.com

TRAINING CONTENT AND SERVICES BY

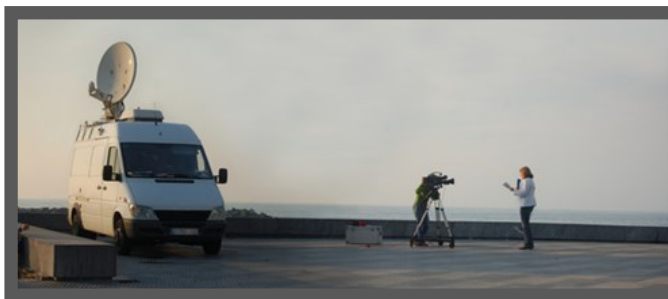


BR-33 (Rev 14 May 2014)

RFI-EUI Certifications

The Radio Frequency Interference-End Users Initiative (www.rfi-eui.org) is a voluntary group composed of media companies, equipment manufacturers, industry groups, satellite system operators and satellite service providers from around the world. It was founded in 2011 to give voice to broadcast users of satellite capacity regarding RFI. RFI-EUI has been established to work in concert with the satellite operators to identify, mitigate and prevent – ultimately to stop – satellite interference. A key RFI-EUI achievement is the establishment of knowledge and skills criteria for a series of **equipment operator certifications**. GVF is a key supporter of RFI-EUI Certifications, and SatProf has implemented the exams on the GVF learning system as online knowledge assessments and interactive simulator-based skills tests.

Candidates may use their GVF learning accounts to register for exams, pay the exam fee, take the exam, and display their certificates. If desired, certificate holders will appear in the public database at www.rfi-eui.org, as well as on www.gvf.org/training, where all of their GVF certifications are shown.



Certification exam	Profile	Recommended GVF preparation courses*
Basic Auto Point Operator (RFI-EUI BAPO)	Operators of auto-point terminals holding GVF-104 or equivalent type approval. Examples: Journalists, camera operators, military COTP users, oil field engineers.	GVF 530
General Auto Point Operator (RFI-EUI GAPO)	Operators of auto-point terminals, including those not type approved.	GVF 530 & GVF 531
Basic Technical Operator (RFI-EUI BTO)	Operator of manually-controlled uplinks. Examples: SNG truck/van operator, tele-port uplink operator.	GVF 530, GVF 531, & GVF 532
Advanced Technical Operator (RFI-EUI ATO)	Operator and responsible field engineer of manually-controlled uplinks. Examples: SNG truck/van technician, tele-port uplink senior technician.	GVF 530, GVF 531, GVF 532, & GVF 533 or GVF 909A
Scheduler (non-operator) (RFI-EUI SCHED)	Scheduler or manager of occasional-use uplinks.	GVF 530 & GVF 534

* GVF909A is presented in a one day classroom session. Contact gvfsupport@satprof.com for session options. All GVF500-series courses are online, self-paced, and interactive.

GVF 530 Core skills for Mobile Satellite Terminal Operators (online, interactive, self-paced)

Even if your auto-point/auto-deploy satellite terminal is fully automatic, there are a few critical skills you need beyond simply pressing the green button! In this course you will learn how to use pointing angles (az and el) to decide where your antenna should be placed for a clear view to the satellite. You will also learn basic concepts and troubleshooting, such as the effect of rain, how to check your equipment, the importance of interference prevention, and how to tell if your equipment qualifies as GVF Type Approved. **AVAILABLE NOW.**

GVF 531 Access Procedure Skills (online, interactive, self-paced)

If your antenna is not Type Approved, there are some additional checks you need to make before you transmit; otherwise you could be unintentionally interfering with other users. In this course you will learn how to confirm that your antenna is accurately pointed and how to work with the satellite operator to carry out a cross-pol check.

AVAILABLE NOW.

GVF 532 Core Uplinking Skills (online, interactive, self-paced)

In satellite news gathering (SNG) vans/trucks and in teleports, you're likely to find equipment with manual controls for antenna pointing, carrier setup, and monitoring. In this course, you will learn how to use a spectrum analyzer to identify your correct satellite from its beacons and spectral signature as you command the antenna to move. You will then learn how to carry out the full Universal Access Procedure with your counterpart at the satellite operator's Access Center. **AVAILABLE NOW.**

GVF 533 Satcom Theory for Broadcast Uplinkers (online, interactive, self-paced)

If you are responsible for an uplinking earth station, including an SNG van/truck, you need to know the theory behind the link. In this course you will learn all of the remaining knowledge you need to pass the Advanced Technical Operator exam, including topics such as inclined orbits, calculating IF and RF frequencies, modulation formats, CP and LP, how satellites work and are managed, international frequency bands, G/T and EIRP, SSPAs and TWTAs, cable repair, licensing, troubleshooting, and maintenance skills.

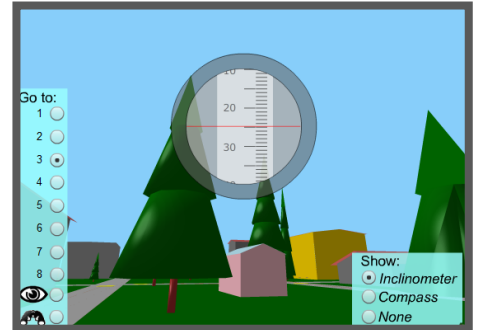
Coming soon.

GVF 909A RFI-EUI ATO Exam Preparation Seminar (classroom)

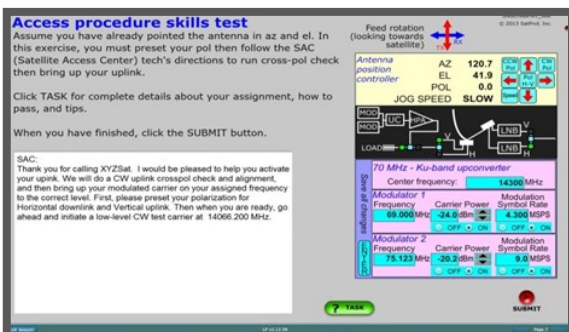
Using extensive animated and interactive presentations and simulations, the GVF 909 A one-day classroom seminar will thoroughly prepare you for the RFI-EUI Advanced Technical Operator exam. Your instructor will be a highly experienced satellite systems engineer and qualified GVF examiner. Pre-requisites: online courses GVF 530, 531, and 532. **AVAILABLE NOW.**

GVF 534 Satcom Theory for Uplink Schedulers and Managers (online, interactive, self-paced)

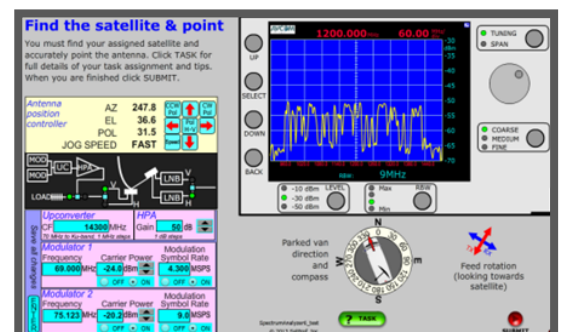
If you are a scheduler for occasional-use uplinks or if you manage them, you need to understand the principles of satellite links in order to avoid accidentally planning an uplink that could interfere with other users. In this course, you will learn all the theory that is relevant to you and is required for your RFI-EUI certification exam. **Coming soon.**



Interactive 3-D line of sight skills test



Universal Access Procedure role-play skills test



Spectrum analyzer and pointing skills test



www.gvf.org

GVF is the global association of the satellite communications industry. GVF is an independent, non-partisan and non-profit organization with 200+ members from every major region of the world.



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SatProf administers GVF's training program, using simulator-based training to enable more than 8000 students worldwide to develop practical and interference-mitigating VSAT skills.