

ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅԱՆ ԿԱՌԱՎԱՐՈՒԹՅԱՆՆ ԱՌԸՆԹԵՐ
ՔԱՂԱՔԱՑԻԱԿԱՆ ԱՎԻԱՑԻԱՅԻ ԳԼԽԱՎՈՐ ՎԱՐՉՈՒԹՅՈՒՆ
«ՀԱՅԱԵՐՈՆԱՎԻԳԱՑԻԱ» ՓԲԸ

GENERAL DEPARTMENT
OF CIVIL AVIATION AT THE
GOVERNMENT OF RA
CJSC "ARMATS"



ЗАО "АРМАЭРОНАВИГАЦИЯ"
ГЛАВНОЕ УПРАВЛЕНИЕ
ГРАЖДАНСКОЙ АВИАЦИИ ПРИ
ПРАВИТЕЛЬСТВЕ РА

№ 7,2
«29» 09 2010 թ.

Airport "Zvartnots"
Yerevan 0042

tel.(37410) 281 597
fax.(37410) 284 142

TO WHOM IT MAY CONCERN

Era's Multilateration system in Yerevan and Gyumri, Armenia

In 2004, Air Traffic and Navigations Services of Armenia (ARMATS) awarded a contract for a Wide Area Multilateration system P3D in Yerevan and Gyumri - the system was designed and supplied by Era as a *prime contractor*. The system serves as an independent source of position data for the entire area.

ARMATS was very exacting in their stated needs in terms of system performance and accuracy and the system as designed and delivered by Era met and in many cases exceeded their operational requirements as well. The robust design of the outdoor system parts allows for a reliable 24/7 operation of the system in the rough service conditions which are prevailing in the Armenia mountainous area, specifically during the winter periods.

The area of system deployment is a complex mountainous terrain which requested design of two multilateration clusters with their outputs merged together in the Yerevan ATC centre. The implementation of multilateration systems has made the en-route air traffic control more efficient in a cost effective way which cannot be achieved by an implementation of conventional radar technology.

The delivery of this project was performed as expected and agreed and the MSS P3D of Era passed Site acceptance testing in 2005. The operational certification supervised and approved by the Eurocontrol authority was finalised in 2006. In 2008 a modernisation of the system was performed in order to extend the coverage of the system for the surveillance of the Yerevan airport surface too.

Era is recognized as the world's leader in MLAT and as such, is an excellent partner to work in collaboration with. Furthermore, the levels of knowledge and skills demonstrated by the Era staff during project implementation and training were extremely satisfactory. The project was delivered on time and within the budget.

If you need any further information, please don't hesitate to contact the undersigned.

Gevorg SIMONYAN

Technical Director