

Vlad Spiridonov

International Bilingual Professional, SAR & GMDSS Independent Free-Lance Consultant PROFILE 2006

EDUCATION BACKGROUND

Business & Economics: Degree, Master of Business Administration from Kingston University, United Kingdom. Post-Graduate Diploma (ME), Economist, International Economic Relations from Moscow Academy of Foreign Trade.

Engineering; Science and Information Technology: Diploma (BSc), Radio Engineer, Radio Electronics from St Petersburg Marine Academy and Institute of Telecommunications. Diploma - Radio Technician, Radio Engineering, Marine Communications & Navigation from St Petersburg Marine School.

EMPLOYMENT:

Since 15/01/1998 – Business and Hi-Tech consultancy. Areas: international - multinational, global - regional mobile satellite systems for maritime applications. GMDSS - Global Maritime Distress and Safety System. Design, operations, business, policy and regulatory developments.

1985-1997. International Maritime Satellite and International Mobile Satellite Organisations, Directorate. Manager, Rescue Communications Program (P5); Senior Engineer, satellite-based distress and safety services development (P5).

1981-1985. USSR Ministry of Merchant Marine, Morsviazspudnik. Chief Advisor, National, and International Satellite Communications Systems, development, and implementation of maritime services.

1965-1981. North Shipping Co. Chief Radio, Head of Research Group, contributor to IMO and INMARSAT activities.

EXPERIENCE

Operations & Engineering: Development and implementation of Satellite-based Global Maritime Distress and Safety Systems. Developed and successfully employed proven multilingual and multicultural capabilities for progressing with conventional and mobile satellite communications services for GMDSS. Authored, coordinated, and developed GMDSS-related operating procedures and system definition manuals, guidelines, performance standards, service and product descriptions, presentations, documents, and contributions for international fora, and specifically for the IMO GMDSS Master Plan.

International activities: Co-operation with the members and staff of the International Maritime Organisation, ITU-T, ITU-R, Cospas-Sarsat, CIRM, ISO. As an IMO GMDSS Consultant, I am involved in assessment of GMDSS shore based facilities in Africa. Accomplished few IMO SAR & GMDSS Missions in 2003 – 2006 to Namibia, Mozambique, Kenya. Developed special web-pages on the proprietary professional sites to assist GMDSS specialists of Rescue Centres in Africa. Produced a number of contributions and submissions to IMO, CCIR, ISO and other international organisations, seminars and workshops. Led the satellite section in the ITU/UNDP Programme “Maritime Communications for Africa” and “Maritime Communications for South Pacific” in 1990 - 1996. Contributed as a lecturer, presenter, trainer, leader, and manager of training courses, workshops, and seminars to GMDSS-based international events.

Authored works:

Nearly 200 authored publications, specialist articles, contributions, system operating procedures, international manuals in English and Russian. Participation in more than 100 international fora.

IMO: Position – Representative and Liaison Officer of International Maritime Satellite and International Mobile Satellite organisations: 60 sessions attended from COM 31 (1986) to COMSAR1 (1996), 10 Regular Satellites for GMDSS Operations Reports, 15 authored contributions related to the IMO Performance Standards for Satellite GMDSS Terminals. Lectures and presentations at 25 GMDSS conferences and Seminars.

ITU: Position - Representative and Liaison Officer of International Maritime Satellite and International Mobile Satellite organisations: 9 sessions, related to the satellite-based systems for GMDSS, 12 authored submissions. Lectures and presentations at 24 ITU workshops.

ACHIEVEMENTS

Readiness of Inmarsat systems, user terminals and shore-based facilities and communications services to meet requirements of the Global Maritime Distress and Safety System (GMDSS). In particular: Contributions to the IMO GMDSS Master Plan; harmonisation of satellite standards with the industry standards, IMO and ITU, e.g., ITU-R Report 918-M "Availability of the maritime satellite circuit" has become a recognised standard; L-band Satellite emergency Position Indicating Radio Beacon System to operate Distress Alerting Service; the frameworks of Satellite-Based Rescue Communications Network and the Satellite Distress Alert Quality Control System; development and regular update of Network Operating Procedures for distress communications; harmonization of Design and Installation Guidelines and Operating Manuals with IMO and ITU; complete development of Satellite Automatic Priority 3 Testing Service; spectrum resources sharing with GMDSS services; Spread awareness in Africa about GMDSS satellite.

Significant accomplishments:

- Virtual Local Alarming Services (VLAS) system, designed and developed the low-level signal system for alarming and real time position reporting and data acquisition, patented;
- Satellite-Based Rescue Communications Networks for GMDSS;
- L-band Satellite emergency Position Indicating Radio Beacon system. Entire concept development, complete implementation into operation;
- Satellite Distress Alert Quality Control System. Complete concept development and implementation of operations;
- Readiness of Inmarsat systems, user terminals and shore-based facilities to meet requirements of the Global Maritime Distress and Safety System (GMDSS);
- MBA project 'Strategy for Inmarsat Safety and Rescue Communications Services' for the degree of Master of Business Administration;
- ITU-R Report 918-M "Availability of the maritime satellite circuit". First time ever, an internationally recognised standard was set up for performance measurements of the Satellite Distress Priority Systems for GMDSS purposes (responsible author).

PERSONAL

Born: 01/11/45, St. Petersburg (Russia); **Married**, boy of eight years old and girl of six years and two grown up children;

Languages: Russian - mother tongue; English - fluent; French - good; Spanish and German - basics.

A full member of the Association of MBAs (AMBA), UK; Member of the Mobile Satellite Users Association (MSUA), USA;

Elected Alternate Academician of International Academy for Information Processes and Technologies, Russia.

Non-smoker, keep fit, body and spirit regularly trained. Hobbies: contemporary history, languages, computing, machine translations, and field athletics.

Further CV details, the list of attended international fora, and the list of authored contributions and publications can be obtained upon expressed interest.

References:

International Maritime Organisation: E. Mitropoulos, Secretary-General.

The Mobile Satellite Users Association: Dr Ahmad F. Ghais, President.

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