



Benjamin Halperin

Objective

Technical Writer / Systems Integrator

Experience

06/2007– Now

IAI – MBT/MLM

Technical Writing & Editing

- Operation / maintenance / catalogs manuals
- Special specifications for processes instructions planning
- Templates writing for assemble & building infrastructure integration sites ICD / IDS
- Systems interface messages Protocols tailored definitions
- Maintenance and building Coast Surveillance sites (ELTA / DORCOM) specifications and integration

06/2005– 06/2007

MILIM Projects Office

Tenders Formation Writing & Editing

- Maintenance / training documentation for military subjects
- Technical descriptions formation of tests managing
- IETM literature editing (HTML / JavaScript environment)

06/2004– 05/2005

LIAM Projects Office

Tenders Formation Writing & Editing

- Files structure organizations and tender in stimulus compliance
- Projects organization schedules, ILS, Tests, tailored to RFP specs
- Technical descriptions formation

01 – 12/2003

LIAM Projects Office

Automatic System Tester Design & Integration

Apparatus containing data acquisition hardware to interface radar units, optical sight directors, antenna pedestals to computerized test equipment for maintenance and overhaul processes. The system provides the drills performance and analyses the results for evaluation

report output.

- Design & application programming of the Man Machine Interface (MMI) to the Automatic System Tester.
- Formatting the procedures & analysis data into Forms.
- Definition of reports outputs format.
- Integration of the software & hardware.
- Demo and training to the end user.
- **Technical Environment:** Office, Access, VB, C

04/1999 – 12/ 2002

LIAM Projects Office

Design & Develop Naval System Logics

Upgrade to naval weapon system comprised of 5 stand alone radar systems, C&C, guns and missiles. Design of the weapon system logics specs and participation in the local GPIB elements definitions.

- The design of the operational sequence, system logics, windows forms and protocol messages elements specs.
- Data Base arrangement of TID (Touch Input Device) events specifications.
- System Logics Programming specification (in C language for immediate software implementation)
- Planning, editing and perform of the overall system tests procedures in harbor (HAT) and at sea (SAT).
- Team leader in the system logic integration on board ship.
- System operation training on board ship for operators / maintenance.
- Design and writing the system theoretical and practical training procedures.
- **Technical Environment:** Office, Visio, VB, C

3/1997 – 12/1998

IAI - MBT

Development of Weapon System Emulator

Ship weapon system emulator to train operational teams for weapon system operation and system reaction to scenarios analyses purposes. The system is comprised of the original C&C and ship's weapon system simulation processors to close all the ship's environment. The emulation supplies all the external inputs such as: targets, weather conditions, navigation, and threats alarms to create the scenario drill of threats evaluation.

- Writing of protocols messages elements spec.
- Define and edit the MMI application for the instructor position.
- Editing the system software test plan and the procedures to examine the system in plant (ATP) and at the end user site (OSAT).
- Integration of the software & hardware circuitry in plant and at the end user premises.
- **Technical Environment:** Office, VB.

Status

Early retirement from Israel Aircraft Industries (MBT) after 25 years of work in various weapon systems projects, coordination, integration and ILS activities (end of 1996).

Studies

- IBM programmers courses (1997 – 1998):
C, C++, ACCESS, VB, JAVA
- SAP certification at NESS facilities:
SAP50 – Basic Overview of Basic Technology
BC400 – ABAP Workbench Foundations & Concepts
BC404 – ABAP Objects
BC412 – ABAP Dialog

Tips

[Hardware and Software Documentation](#)

- Unit testing, system GPIB protocols specifications and procedures
- Maintenance and User Operation Manuals - ILS
- Documentation in Office tools, FrontPage (HTML)
- Man Machine Interface (MMI) design specifications
- Highest Security classification valid

***For each of the above detailed tasks – executable files
& code samples can be submitted upon request***