

JOHN THOMAS BURGER  
17393 Harding Drive  
Bowling Green, Va. 22427  
(H) 804-633-0687 (O) 703-806-5136  
burger@pobox.com / john.thomas.burger@us.army.mil

SECURITY CLEARANCE: Top Secret – U.S. Forces Korea (501st MI) - 5 June 1996  
Periodic Review Final – HQDA – 19 August 2009

University of Maryland, Asian Division B.S. IFSM, August 1999  
Award - US Army Achievement Medal for Civilian Service

#### Training

ARCINFO Fundamentals + Intermediate (NGA)	Army Staff - Advanced Force Management
Intro + Adv Remote Sensed Imagery (NGA)	Joint Air Operations Staff Course
GIS and Database Development (ESRI)	Joint Operations Planning & Execution System
ESRI Network Analyst	Multi-Modal Operations (ICODES/SMS/WPS)
ArcView 9.xx, 8.xx and 3.xx (ESRI)	Global Command and Control System (GCCS)
Tactical & Operational Crime Analysis in GIS	Global Combat Support System (GCSS)
Deployment Modeling (AMP / ELIST Suite)	Functional Systems Manager (JOPES)
Joint Flow and Analysis System for Transportation	World-Wide Military Command & Control System
Sun Micro-Systems Solaris (SA-285B)	Advanced Operations Analysis
Sun Micro-Systems Solaris (SA-135)	Basic Operations Analysis
ORACLE 8x Install and Configure (Windows)	JOPES Support Personnel Course
Theater Engagement Planning System (TEP)	Defense Readiness Reporting System
Single Mobility System (SMS)	Contracting Officer Representative (COR)

#### WORK HISTORY:

HQ Department of the Army – Center for Army Analysis 12/07 - Present  
Deployment and Mobilization Operations Analyst - Provide Service Support to Army and OSD studies. Specialize in performing a broad range of analyses addressing unique readiness, mobilization, and deployment requirements using creative techniques, advanced approaches and new technologies applied to existing models that address the Army use of the Defense Transportation System capacity, capability, and infrastructure. Employ, convert, adapt, and modify accepted US Transportation Command and Office of the Secretary of Defense modeling suites to improve compatibility, requirements processing, and enhanced utility. Analyze complex movement and operations models based on knowledge, discipline, process, theory, interactive techniques and database interfaces. Formulate and develop methods and techniques for the accomplishment of analysis and evaluation of process changes. Maintain liaison with other agencies and analysts engaged in similar activities and exchange ideas and information. Prepare documentation, briefings, and reports describing objectives, assumptions, methodology, sources and uses of data, and results obtained. Design, build, and maintain databases for collecting, standardizing, and manipulating Army Unit and Readiness Data, Sustainment Requirements, Transportation Infrastructure Capabilities, Equipment Footprint, Home Basing, Mobilization Capacity, and Delivery Capability Profiles in relational and spatial formats. Model and software packages include the AMP suite, JFAST, JOPES, and ESRI mapping and analysis products.

Department of the Navy 01/07 - 10/07  
Operations Research Analyst. Design, build, and manage databases for collecting and standardizing disparate data sources into relational (imagery validated) MS Office and ESRI - ARCGIS data formats.

HQ Department of the Army - Center for Army Analysis 03/05 – 01/07  
Deployment and Mobilization Operations Analyst. Transition the Mobilization and Deployment Analysis Division from Proprietary CAA modeling packages to accepted US TRANSCOM, Joint Staff, and OSD transportation modeling and analysis platforms (JFAST, AMP, MIDAS, ELIST, JOPES, DRRS and ARCGIS). Duties as described above in HQ Department of the Army – Center for Army Analysis (12/07 to Present).

Defense Program Office (ASD-HD) – Defense Infrastructure (J-25) / ARINC 08/02 – 03/05  
Senior Critical Infrastructure / Lead Defense Transportation System Analyst - Identify and define the relationships between the Defense Transportation System (DTS) and the Functions, Systems, and Assets of the International, Civil, Federal, and commercial transportation resources. Perform extensive data mining using proprietary techniques and tools to devise new methods of identifying and defining vulnerabilities and risk relationships. Develop, identify, analyze, and spatially define the Critical Transportation Inter-modal Infrastructure employed by the Defense Transportation System. Analyze imagery validated Geo-Spatial transportation infrastructure data models. Coordinate, manage, and integrate Critical Infrastructure data from various formats into standardized formats for the Department of Defense Mission Analysis Portal and Common Operating Pictures. Develop solutions, Courses of Action, and remediation profiles for Threats, Hazards, and Risks to the DTS infrastructure.

Relocation to USA 05/02 – 07/02

Northrop Grumman Information Systems 07/00 – 04/02  
Technical Operations Subject Matter Specialist - Provide management, analysis, and logistics support to an upgrade of the USFK MWR CATV / Internet system at 34 US military bases. Lead a team of systems analysts who developed a recommended deployment package. Developed an infrastructure analysis and vulnerability profiles of each remote location and established individual baseline improvements packages. Manage logistics activities, materials databases, assets documentation, and communications with International Shippers, SOFA (Status of Forces Agreement – South Korea) and Customs Agencies, International Banking Agents, subcontractor and support personnel sponsorship agencies. Standardized differing logistics, materials, and asset record sets into common imagery validated Microsoft Office, ESRI (ARCGIS), and AutoCad databases and reporting formats.

Northrop Grumman Information Technology (JASP) 12/97 - 06/00  
USFK J5 Senior Military Operations Analyst / Deputy Site Manager - Employ standard analytical force projection and movement models to provided Crisis Action, Deliberate Planning, and Contingency Operations support to United Nations Command, Combined Forces and Joint Forces Commander (UNC/CFC/USFK). Developed and executed courses of action for Force Projection Operations using GCCS-T (TS), GCCS (Secret US Only), GCCS-K (Secret Releasable ROK), JOPES, JFAST, GSORTS, GTN, GCSS, and JFRG-II. Manage the USFK JOPES Functional Database. Provided GIS and imagery based modeling of deploying forces movements. Perform operational and infrastructure capacity analysis. Manage operational and technical support. Verify force availability using JOPES and GSORTS. Implement operational tracking of forces using imaging products. Deputy Site Manager duties included new business technical proposal research, linked database technical prototyping and Data Mining / Discovery.

Joint Program Office for Biological Defense (Portal Shield) / Camber Inc 08/96 - 12/97  
Senior Biological Defense Operations Analyst (Site Manager) - Manage and conduct the three phase Joint Program Office (JPO) Advanced Concept Technology Demonstration (ACTD) in the Republic of Korea (ROK). Phase 1 – Employ a prototype sampling unit to collect, stabilize, and contain environmental background (baseline) data and ship the sampling materials to the JPO for analysis. Phase 2 – Establish a baseline profile for each potential facility by collecting, standardizing and formatting into a relational database the environmental (terrain, wind and weather) and physical (GIS and CAD) data for JPO modeling. Phase 3 – Survey and imagery validate potential locations, and install (at selected locations) the ACTD device. Operate, maintain, and manage the information collection and dissemination system. Provide Data Base Analysis, Information Exchange Management, and Human Performance Analysis to USFK Command representatives. Site Manager duties also included classified data management, SOFA documentation, and sponsorship management.

Eighth United States Army, G3 03/94 - 08/96  
JOPES Team Chief / BCD Operations SGM - Operations SGM, Battlefield Coordination Detachment, UNC/USFK, Osan AFB, Korea. Joint Operations Planning and Execution System Team Chief and JOPES Functional Manager for the Global Command and Control System (GCCS / GCCS-K) and the World Wide Military Command and Control System (WWMCCS). Serve as the Computer Systems and Unit Status Report Manager for the Eighth United States Army G3 Plans Division. Managed and maintained a classified deliberate planning and execution database.

Skills Summary – Mobility and transportation systems analysis, Data Mining, Database Content Correlation, OR IT Techniques, Geo-Spatial Analysis, Model Data Extraction and Integration, and Systems Integration Analysis.