

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
2004.04.20	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Land Attack System Integration Laboratory (LASIL) and Functional Ground Test (FGT) Test Configuration Version OT-IICDD/IHD1.00 to Support Operational Test and Evaluation (OT-IIC) of the Tactical Tomahawk Weapon System (TTWS)	Land Attack System Integration Laboratory (LASIL) AND FGT Test Configuration Version OT-IICDD/IHD1.00
2004.04.20	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Assessment Report for the Capability of the LASIL and FGT Test Configuration Version OT-IICDD/IHD1.00 to Support Operational Test and Evaluation (OT-IIC) of the TTWS (0251-04-OT-IIC)	Land Attack System Integration Laboratory (LASIL) AND FGT Test Configuration Version OT-IICDD/IHD1.00
2004.04.20	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Ship/Submarine Environment and Missile Simulation Shipboard Analysis (SEMS-SHA) with Functional Ground Test/Hardware in the Loop (FGT/HWIL) Version 1.0 to Support Operational Test and Evaluation (OT-IIC) of the Tactical TOMAHAWK Weapon System (TTWS)	Ship/Submarine Environment and Missile Simulation Shipboard Analysis (SEMS-SHA) with Functional Ground Test/Hardware in the Loop (FGT/HWIL) Version 1.0
2004.04.20	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Assessment Report for the Capability of the SEMS-SHA with FGT/HWIL to Support Operational Test and Evaluation (OT-IIC) of the (TTWS) (0251-04-OT-IIC)	Ship/Submarine Environment and Missile Simulation Shipboard Analysis (SEMS-SHA) with Functional Ground Test/Hardware in the Loop (FGT/HWIL) Version 1.0
2004.04.20	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Tactical TOMAHAWK Simulation (TACSIM) Version 1.1.0 to Support Operational Test and Evaluation (OT-IIC) of the Tactical TOMAHAWK Weapon System (TTWS)	Tactical TOMAHAWK Simulation (TACSIM) Version 1.1.0
2004.04.20	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Assessment Report for the Capability of the TACSIM to Support Operational Test and Evaluation (OT-IIC) of the TTWS (0251-04-OT-IIC)	Tactical TOMAHAWK Simulation (TACSIM) Version 1.1.0
2004.04.20	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the TOMAHAWK Advanced Flight Simulation-Tactical/Monte Carlo (TAFS-T/MC) Version 02.00 at the Washington Planning Center (WPC) to Support Operational Test and Evaluation (OT-IIC) of the Tactical TOMAHAWK Weapon System (TTWS)	TOMAHAWK Advanced Flight Simulation-Tactical/Monte Carlo (TAFS-T/MC) Version 02.00
2004.04.20	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Assessment Report for the Capability of the TAFS-T/MC at the WPC to Support Operational Test and Evaluation (OT-IIC) of the TTWS (0251-04-OT-IIC)	TOMAHAWK Advanced Flight Simulation-Tactical/Monte Carlo (TAFS-T/MC) Version 02.00
2004.04.20	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Tactical TOMAHAWK Multiple Missile Communications Simulation (TTMMCS) Version 1.0 to Support Operational Test and Evaluation (OT-IIC) of the TTWS (0251-04-OT-IIC)	Tactical TOMAHAWK Multiple Missile Communications Simulation (TTMMCS) Version 1.0
2004.04.20	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Assessment Report for the Capability of the TTMMCS Version 1.0 to Support Operational Test and Evaluation (OT-IIC) of the TTWS (0251-04-OT-IIC)	Tactical TOMAHAWK Multiple Missile Communications Simulation (TTMMCS) Version 1.0
2004.04.08	AN/SPY-1D(V)	M&S Requirements (COMOPTEVFOR)	Requirements for AN/SPY-1D(V) Radar Modeling and Simulation (M&S) Suite Baseline 7.1 to Support Operational Test and Evaluation (OT&E) of the AN/SPY-1D(V) Radar During Operational Evaluation (OPEVAL) OT-IIG	AN/SPY-1D(V) Radar Modeling and Simulation (M&S) Suite Baseline 7.1
2004.02.17	TOMAHAWK	Accreditation Decision Letter (TSMB)	TOMAHAWK Test Configuration Accreditation	Tactical TOMAHAWK Multi-Missile Communications Simulator (TTMMCS) Version OTIICAPL1.00

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

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2004.01.15	AN/SPY-1D(V)	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of AN/SPY-1D(V) Radar Models and Simulation Suite Baseline 7.1 to Support Operational Test and Evaluation of the AN/SPY-1D(V) Radar Program During Operational Assessment OT-IIF2	Dynamic Test Target Baseline 7 Phase I; Low-Elevation Propagation Factor Model Radio Physical Optics version 1.14; Simulated Dynamic Missile Baseline 7 Phase I; Sea Clutter Generator Baseline 7 Phase I; Sea Clutter Model MATLAB version 5; Antenna Array Simulator Baseline 7 Phase I; AN/ULQ-26(V) V44K Electronic Attack Simulator Baseline 7 Phase I
2004.01.15	AN/SPY-1D(V)	Accreditation Report (COMOPTEVFOR)	Accreditation Assessment Report for the Capability of the AN/SPY-1D(V) Radar Models and Simulation Suite Baseline 7.1 to Support Operational Test and Evaluation of the AN/SPY-1D(V) Radar During Operational Assessment OT-IIF2	Dynamic Test Target Baseline 7 Phase I; Low-Elevation Propagation Factor Model Radio Physical Optics version 1.14; Simulated Dynamic Missile Baseline 7 Phase I; Sea Clutter Generator Baseline 7 Phase I; Sea Clutter Model MATLAB version 5; Antenna Array Simulator Baseline 7 Phase I; AN/ULQ-26(V) V44K Electronic Attack Simulator Baseline 7 Phase I
2003.11.14	JSIMS	Verification Report (COMOPTEVFOR)	Observations of the Joint Simulation System (JSIMS) Final Verification Test (FVT) 8-19 Sep 03	JSIMS
2003.10.14	ENEWS	Validation Report (ASCM SVWG)	U. S. Navy Initial Operational Capability Validation of SIM 1 in the VICTOR Simulator, dated June 2003	Hardware seeker
2003.09.11	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Mission Validation System-TOMAHAWK Engineering Simulation/Monte Carlo (MVS-TES/MC) Version 5.3.1 to Support Test and Evaluation of the Baseline IV TOMAHAWK Weapon System (TWS) Tactical TOMAHAWK Weapon Control System (TTWCS) and the TOMAHAWK Command and Control System (TC ² S)	Mission Validation System-TOMAHAWK Engineering Simulation/Monte Carlo (MVS- TES/MC)
2003.09.11	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the Mission Validation System-TOMAHAWK Engineering Simulation/Monte Carlo (MVS-TES/MC) Version 5.3.1 to Support Test and Evaluation of the Baseline IV TOMAHAWK Weapon System (TWS) Tactical TOMAHAWK Weapon Control System (TTWCS) and the TOMAHAWK Command and Control System (TC ² S)	Mission Validation System-TOMAHAWK Engineering Simulation/Monte Carlo (MVS- TES/MC)
2003.09.11	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the TOMAHAWK Land Attack Missile (TLAM) Mission Validation System (MVS)/Register Level Simulation (RLS) Version 5.3.2 to Support Operational Test OT-IIB of the Baseline IV TOMAHAWK Weapon System (TWS) Tactical TOMAHAWK Weapon Control System (TTWCS) and the TOMAHAWK Command and Control System (TC ² S)	TOMAHAWK Land Attack Missile (TLAM) Mission Validation System (MVS)/Register Level Simulation (RLS) Version 5.3.2
2003.09.11	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the Mission Validation System (MVS)/Register Level Simulation (RLS) Version 5.3.2 of the Baseline IV TOMAHAWK Weapon System (TWS) Tactical TOMAHAWK Weapon Control System (TTWCS) and the TOMAHAWK Command and Control System (TC ² S)	TOMAHAWK Land Attack Missile (TLAM) Mission Validation System (MVS)/Register Level Simulation (RLS) Version 5.3.2

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

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2003.09.11	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Land Attack Systems Integration Laboratory (LASIL) Tactical TOMAHAWK Weapon System (TTWS) Test Configuration to Support Operational Test OT-IIB of the Baseline IV TOMAHAWK Weapons System (TWS) Tactical TOMAHAWK Weapon Control System (TTWCS) and the TOMAHAWK Command and Control System (TC ² S)	Land Attack Systems Integration Laboratory (LASIL)
2003.09.11	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Baseline IV Phase 1A Tactical TOMAHAWK Weapon System (TTWS) Land Attack Systems Integration Laboratory (LASIL) OT-IIB Test Configuration (251-4-OT-IIB)	Land Attack Systems Integration Laboratory (LASIL)
2003.09.11	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the TOMAHAWK Land Attack Missile (TLAM) Shipboard Environment and Missile Simulation (SEMS) Version 2.1 to Support Operational Test and Evaluation of the Advanced TOMAHAWK Weapons control System (ATWCS) Version 1.7.2 (OT-III Z)	Shipboard Environment and Missile Simulation (SEMS) Version 2.1
2003.09.11	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the Shipboard Environment and Missile Simulation (SEMS) Version 2.1 to Support Operational Test and Evaluation of the Advanced TOMAHAWK Weapons control System (ATWCS) Version 1.7.2 (OT-III Z)	Shipboard Environment and Missile Simulation (SEMS) Version 2.1
2003.08.27	MJU-57/B and MJU-55/B A6E IRCM	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of Selected Models and Simulations (M&S) to Support Operational Test and Evaluation (OT&E) of the MJU-57/B and MJU-55/B Advanced Six Inch Airborne Expendable Infrared Countermeasures (A6E IRCM) for OT-IIA	NSWC Crane Captive Missile Seeker Test Van (STV); NAWC-WD, Ground mounted Captive Infrared Seeker Evaluation Van (IRSEV); Airborne Turret Infrared Measurement System III; Virtual Prototype Facility (VPF), NAWC-WD; USMC Fourth Light Anti Air Defense 4 th LAAD (Low Altitude Air Defense); Threat Systems Management Office (TSMO) Man Portable Air Defense Systems; NAWC-WD Electronic Combat Range (ECR) Fire and Forget Missile (FFM)
2003.07.29	ESSM	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Simulation Suite for Use in the Evolved Sea Sparrow Missile (ESSM) Program for ESSM Operational Evaluation (OPEVAL) (OT-C1)	Joint Service Endgame Model (JSEM) Ver 2.3.0.1, GenSim Ver 19.0, Tropospheric Electromagnetic Parabolic Equation Routine (TEMPER) Ver 3.10 model, AN/SPY-1 Firm Track Radar Simulation Ver 3.1.1 model, ESSM 6DOF Ver 39 simulation, ESSM Computer-in-the-Loop (CiL) Ver 32 simulation, and ESSM Hardware-in-the-Loop (HiL) Ver 54 simulation.

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

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2003.07.29	ESSM	Accreditation Report (COMOPTEVFOR)	COMOPTEVFOR M&S Accreditation Assessment Report for Evolved SEASPARROW Missile System (ESSM) Simulation	Joint Service Endgame Model (JSEM) Ver 2.3.0.1, GenSim Ver 19.0, Tropospheric Electromagnetic Parabolic Equation Routine (TEMPER) Ver 3.10 model, AN/SPY-1 Firm Track Radar Simulation Ver 3.1.1 model, ESSM 6DOF Ver 39 simulation, ESSM Computer-in-the-Loop (CiL) Ver 32 simulation, and ESSM Hardware-in-the-Loop (HiL) Ver 54 simulation.
2003.07.08	TOMAHAWK	Preliminary Accreditation Decision Letter and Validation Reqs (COMOPTEVFOR)	Validation Requirements for the Tactical TOMAHAWK Hardware-in-the-Loop All-Up Round Simulation (THILAS) for Tactical TOMAHAWK OT Events	THILAS high-fidelity HWIL Block IV missile model
2003.06.26	NESP	Accreditation Report (JASA)	Assessment of Accreditation Package for M&S Proposed for Use in OT&E of Navy Extremely High Frequency Satellite Program (NESP)	EHF Low Probability of Intercept Investigator (ELI) and Jamming EHF Downlink Investigator (JEDI).
2003.05.16		Validation Report (SIMVAL)	J-Band Advanced Technology Simulator Hybrid Laboratory Simulator (J-BATS HLS) Initial Operational Capability Validation Report, dated August 2002, revised November 2002, with Errata	Simulator
2003.04.16		Validation Report (SIMVAL)	Missile-on-a-Mountain II Ground Mounted Seeker (GM) Initial Operational Capability Validation Report, dated November 2002, Revised January 2003	Simulator
2003.04.16		Validation Report (SIMVAL)	Missile-on-a-Mountain III Missile Flyout Model Initial Operational Capability Validation Report, dated October 2002, Revised February 2003, with Errata	Model
2003.04.08	Virginia Class NSSL	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of NSSL Command and Control System Module (CCSM) Off-site assembly and Test Site (COATS) for use in Navigation Data Distribution and Display (ND ³) Operational Assessment (OA)	Virginia (SSN 774) Class Simulation/ Stimulation (SIM/STIM) System and On Board Team Trainer (OBTT) federation
2003.04.08	Virginia Class NSSL	Accreditation Report (COMOPTEVFOR)	Navigation Data Distribution and Display (ND ³) Accreditation Report	Virginia (SSN 774) Class Simulation/ Stimulation (SIM/STIM) System and On Board Team Trainer (OBTT) federation
2003.03.31	ESSM	Accreditation Request (report)	Certification Report Endgame Simulation Suite Proposed for OPEVAL (OT-IID) of Evolved SEA SPARROW Missile System	GenSim (the CFF simulation), Joint Services Endgame Model (JSEM) 2.3.0.1, n-point models of the targets/threats (input to GenSim), vulnerability models of the targets/threats of interest (input to JSEM), and characterizations of the warhead (input to JSEM).
2003.03.28	ENEWS	Validation Report (ASCM SVWG)	Operational Validation of the KILO Simulator, dated 20 April 2001, with Errata 1, dated 12 February 2003	Hardware seeker

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS
Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
2003.03.21	ESSM	Accreditation Request Letter	Certification of M&S Suite Proposed for use in OT-IID of the Evolved SEASPARROW Missile (ESSM)	GenSim (the CFF simulation), Joint Services Endgame Model (JSEM) 2.3.0.1, n-point models of the targets/threats (input to GenSim), vulnerability models of the targets/threats of interest (input to JSEM), and characterizations of the warhead (input to JSEM).
2003.03.13	Virginia Class NSSN	V&V Report	Verification and Validation (V&V) Report for VIRGINIA (SSN 774) Class Simulation/Stimulation (SIM/STIM) and On Board Team Trainer (OBTT) for ND ² /ECDIS-N Operational Assessment (OA)	Virginia (SSN 774) Class Simulation/Stimulation (SIM/STIM) System and On Board Team Trainer (OBTT) federation
2003.03.05		Validation Report (SIMVAL)	Red 1 Seeker Fire-and-Forget Missile (FFM) Simulator Initial Operational Capability Validation Report, dated September 2002, revised December 2002	Simulator
2003.02.28	ESSM	Accreditation Support Plan (COMOPTEVFOR)	Accreditation Support Plan Endgame Simulation Suite Proposed for OPEVAL (OT-IID) of Evolved SEASPARROW Missile System, February 2003	GenSim (the CFF simulation), Joint Services Endgame Model (JSEM) 2.3.0.1, n-point models of the targets/threats (input to GenSim), vulnerability models of the targets/threats of interest (input to JSEM), and characterizations of the warhead (input to JSEM).
2003.02.25	ENEWS	Validation Report (ASCM SVWG)	U.S. Navy Operational Validation of the AN/ALQ-170 Multi-Threat Simulator Annex 2: Simulation 15, dated 16 April 2001, with Enclosure 1 Errata 1, dated 15 January 2002	Hardware seeker
2003.02.25	ENEWS	Validation Report (ASCM SVWG)	U.S. Navy Initial Operational Capability Validation of the ROMEO Simulator, dated 20 December 2002	Hardware seeker
2003.01.30	TOMAHAWK	Accreditation Decision Letter (TSMB)	Tomahawk All-Up Round Simulation Accreditation	MK 693 Mod 2 Tomahawk Block III Guidance Test Set (GTS) Surface/Sub Configuration Version 1.8.1
2003.01.27		Validation Report (SIMVAL)	Missile-on-a-Mountain III Ground-Mounted Seeker (MOM III GMS) Initial Operational Capability Validation Report, dated February 2002, Revised October 2002	Simulator
2003.01.27		Validation Report (SIMVAL)	Ultraviolet Simulator Initial Operational Capability Validation Report, dated April 2002, Revised October 2002	Simulator
2003.01.17	ENEWS	Validation Report (ASCM SVWG)	U.S. Navy Initial Operational Capability Validation of SIM 2 in the VICTOR Simulator, dated August 2002	Hardware seeker
2003.01.16	TOMAHAWK	Accreditation Decision Letter (TSMB)	Tomahawk Test Configuration Accreditation	Land Attack Systems Integration Laboratory (LASIL) OT-IIB Test Configuration Version OTIIBDD1.00 dated 13 Sep 2002.
2003.01.16	TOMAHAWK	Accreditation Decision Letter (TSMB)	Tomahawk All-Up Round Simulation Accreditation	Mission Validation System/Register Level Simulation (MVS/RLS) Version 4.1.0.
2003.01.09	OAML	Accreditation Decision Letter.	Oceanographic and Atmospheric Master Library (OAML) Comprehensive Acoustic System Simulation Model (CASS Ver 3.1) Accreditation	Comprehensive Acoustic System Simulation Model (CASS) Ver 3.1

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

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2002.12.17	TOMAHAWK	Accreditation Decision Letter (TSMB)	Tomahawk Weapons Control System Simulation Accreditation	MK 694 Mod 0 Block IV Guidance Test Set (GTS) Surface Configuration GOSS Version 3.03, Interface Driver Simulator (IDSIM) Program 703FA (Baseline III Launcher Simulator)
2002.11.27	ENEWS	Validation Report (ASCM SVWG)	U.S. Navy Operational Validation of the INDIA-I Simulator, dated 4 December 1996, with Addendum I, 18 October 2002	Hardware seeker
2002.11.14	TOMAHAWK	Accreditation Decision Letter (TSMB)	Tomahawk Weapons Control System Simulation Accreditation	MK 693 Mod 2 Tomahawk Block III Guidance Test Set (GTS) Surface Configuration Version 1.8.1 dated 30 Nov 2001
2002.11.07	OAML	Accreditation Request	Oceanographic and Atmospheric Master Library (OAML) Comprehensive Acoustic System Simulation(CASS) Model Ver 3.1 Accreditation Request	Comprehensive Acoustic System Simulation Model (CASS) Ver 3.1
2002.10.17		Validation Report (SIMVAL)	Navy Range Signal Density Enhancement/Mobile (RSDE/M) Initial Operational Capability (IOC) Validation Report, dated June 2002, revised August 2002	Simulator
2002.10.16	AESA ARS	Accreditation Plan (COMOPTEVFOR)	Accreditation Plan for the Active Electronically Scanned Array (AESA) Airborne Radar System in Support of Operational Assessment (OT-IIA)	
2002.08.07		Validation Report (SIMVAL)	H-8 Operational Validation Report, dated May 2002, Revised July 2002	Actual
2002.07.29	T-AKE	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of Models for the OT-IIA Phase of IOT&E for the T-AKE Program	Ship Hull Characteristics Program Model, Visual Ship Motion Program Model and data set, Fregat Dynamica Model and data set, Automatic Dynamic Analysis of Mechanical Assistance (ADAMS) Model and data set, Cargo Arrangement Routing Program Cargo Flow Simulation Model
2002.07.29	T-AKE	Accreditation Report (COMOPTEVFOR)	COMOPTEVFOR M&S Accreditation Assessment Report for Dry Cargo and Ammunition Ship (T-AKE) Ship Hull Characteristics Program (SHCP) Model	Dry Cargo and Ammunition Ship (T-AKE) Ship Hull Characteristics Program (SHCP) Model
2002.07.29	T-AKE	Accreditation Report (COMOPTEVFOR)	COMOPTEVFOR M&S Accreditation Assessment Report for Dry Cargo and Ammunition Ship (T-AKE) Visual Ship Motion Program (VisualSMP) Model and Associated Data Set	Visual Ship Motion Program (VisualSMP) Model and Associated Data Set
2002.07.29	T-AKE	Accreditation Report (COMOPTEVFOR)	COMOPTEVFOR M&S Accreditation Assessment Report for Dry Cargo and Ammunition Ship (T-AKE) for Fregat Dynamica (FREDYN) Model and Associated Data Set	Fregat Dynamica (FREDYN) Model and Associated Data Set
2002.07.29	T-AKE	Accreditation Report (COMOPTEVFOR)	COMOPTEVFOR M&S Accreditation Assessment Report for Dry Cargo and Ammunition Ship (T-AKE) Automatic Dynamic Analysis of Mechanical Assistance (ADAMS) Model and Associated Data Set	Automatic Dynamic Analysis of Mechanical Assistance (ADAMS) Model and Associated Data Set
2002.07.29	T-AKE	Accreditation Report (COMOPTEVFOR)	COMOPTEVFOR M&S Accreditation Assessment Report for Dry Cargo and Ammunition Ship (T-AKE) for Cargo Arrangements Routing Program (CARP) and ADC(X) Cargo Flow Simulation (ACFS) Model	Cargo Arrangements Routing Program (CARP) and ADC(X) Cargo Flow Simulation (ACFS) Model

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Updated 27 May 2004

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2002.06.17	TOMAHAWK	Instruction	PEOWINST 5232.1A, TOMAHAWK Simulation Management Policy, 17 June 2002	Models and simulations used to support the TOMAHAWK Weapon System
2002.07.08	OAML	Accreditation Request	Oceanographic and Atmospheric Master Library (OAML) Wavelet Based Data Compression (WBDC) Algorithm, Version 1.0 Accreditation Request	Wavelet Based Data Compression (WBDC) Algorithm, Version 1.0
2002.06.26	AN/SPY-3	M&S Requirements (COMOPTEVFOR)	COMOPTEVFOR Modeling and Simulation (M&S) Requirements Input to the M&S Simulation Accreditation Plan for the AN/SPY-3 Radar System Simulation	AN/SPY-3 Radar System Simulation
2002.06.12	RAM Block 1	Accreditation Report (COMOPTEVFOR)	COMOPTEVFOR M&S Accreditation Assessment Report for the Rolling Airframe Missile Block 1 Simulation Suite to Support Test and Evaluation of the Rolling Airframe Missile Block 1 Upgrade (0286-1-OT-III A)	Front End Simulation of the Ship Self-Defense System; NAWCWD RAM Block 1 6DOF simulation; NAWCWD RAM Block 1 Combined Simulation; RAM Block 1 Simulation Suite consisting of the Joint Services Endgame Model (JSEM) 2.3.01, the Mk-20 Mod 2 AOTD Fuse Mode 1.0, Mission Kill Postprocessor 9.1, and warhead characterization data
2002.06.12	RAM Block 1	Accreditation Decision Letter (Preliminary) (COMOPTEVFOR)	Preliminary Accreditation of Rolling Airframe Missile (RAM) Block 1 Simulation Suite for the OT-III A Phase of FOT&E	RAM Block 1 Simulation Suite consisting of the Joint Services Endgame Model (JSEM) 2.3.01, the Mk-20 Mod 2 AOTD Fuse Mode 1.0, Mission Kill Postprocessor 9.1, and warhead characterization data
2002.06.10		Validation Report (SIMVAL)	Ground Mounted Seeker (GMS-32) Initial Operational Capability Validation Report, dated January 2002, Revised May 2002	Actual
2002.06.07	OAML	Accreditation Request	Oceanographic and Atmospheric Master Library (OAML) Underwater Sound Speed Algorithm, Version 1.0 Accreditation Request	Underwater Sound Speed Algorithm, Version 1.0
2002.05.28		Instruction	OPNAVINST 5200.34, Navy Modeling and Simulation (M&S) Management, 28 May 2002	All models and simulations used by or developed by Navy activities
2002.05.24	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Mission Validation System/Register Level Simulation (MVS/RLS) Version 5.3.0 to Support Operational Assessment of the Baseline IV TOMAHAWK Weapon System (TWS) TOMAHAWK Command and Control System (TC2S)	Mission Validation System/Register Level Simulation (MVS/RLS) Version 5.3.0
2002.05.24	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Mission Validation System/Register Level Simulation (MVS/RLS) Version 5.3.1 to Support Operational Assessment of the Baseline IV TOMAHAWK Weapon System (TWS) TOMAHAWK Command and Control System (TC2S)	Mission Validation System/Register Level Simulation (MVS/RLS) Version 5.3.1
2002.05.22		Validation Report (SIMVAL)	Navy A-2 Initial Operational Capability Validation Report, dated February 2002, revised May 2002	Actual
2002.05.14	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the TOMAHAWK Land Attack Missile (TLAM) Mission Validation System (MVS) / Register Level Simulation (RLS) Version 5.3.0 to Support Follow-on Operational Test and Evaluation (FOT&E) of the TOMAHAWK Theater Mission Planning Center (TMPC) Version 3.3	MVS/RLS Version 5.3.0

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Updated 27 May 2004

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2002.05.14	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the TOMAHAWK Land Attack Missile (TLAM) Mission Validation System (MVS) / TOMAHAWK Engineering Simulation (TES) Version 5.3.1 to Support Follow-on Operational Test and Evaluation (FOT&E) of the TOMAHAWK Theater Mission Planning Center (TMPC) Version 3.3	MVS/TES Version 5.3.1
2002.05.14	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the of the MVS/RLS Version 5.3.0 to Support Test and Evaluation of TMPC Version 3.3 (1007-1-OT-IIIG)	MVS/RLS Version 5.3.0
2002.05.14	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the MVS/TES Version 5.3.1 to Support Test and Evaluation of TMPC Version 3.3 (1007-01-OT-IIIG)	MVS/TES Version 5.3.1
2002.05.09	OAML	Accreditation Decision Letter	Oceanographic and Atmospheric Master Library (OAML) Sound Speed Depth to Pressure Conversion Algorithm (D2PCA), Version 1.0 Accreditation	Sound Speed Depth to Pressure Conversion Algorithm (D2PCA)
2002.03.25	OAML	Accreditation Request	Oceanographic and Atmospheric Master Library (OAML) Sound Speed Depth to Pressure Conversion Algorithm (D2PCA), Version 1.0 Accreditation Request	Sound Speed Depth to Pressure Conversion Algorithm (D2PCA)
2002.03.22		Validation Report (SIMVAL)	C-4 Initial Operational Capability Validation Report, dated November 2001, Revised February 2002	Actual
2002.03.20	TOMAHAWK	Accreditation Decision Letter (TSMB)	TOMAHAWK All-Up-Round Simulation Accreditation	TOMAHAWK Advanced Flight Simulation-Tactical/Hardware-in-the-Loop (TAFS-T/H) and TOMAHAWK Advanced Flight Simulation-Tactical/Monte Carlo (TAFS-T/MC)
2002.03.18	OAML	Accreditation Decision Letter	Oceanographic and Atmospheric Master Library (OAML) Nautilus Broadband Normal Mode Acoustic Model, Version 1.0 Accreditation	Nautilus Broadband Normal Mode Acoustic Model, Version 1.0
2002.03.14	Virginia Class NSSN	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of NSSN Command and Control Systems Module (CCSM) Off-Site Assembly and Test Site (COATS) for use in NSSN OT-IIB Event	COATS federation of the On-Board Team Trainer (OBTT) and Simulator/Stimulator
2002.03.14	Virginia Class NSSN	Accreditation Report (COMOPTEVFOR)	COATS Accreditation Report	COATS federation of the On-Board Team Trainer (OBTT) and Simulator/Stimulator
2002.03.04	AN/AAR-47(V)2	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the U. S. Army's White Sands Missile Range (WSMR) Aerial Cable Range (ACR) Facility to Support Follow-On Operational Test and Evaluation of the AN/AAR-47(V)2 Missile Warning System (MWS) for OT-IIIM	USA WSMR ACR facility used to conduct IR/EO missile firing events.
2002.03.04	AN/AAR-47(V)2	Accreditation Report (COMOPTEVFOR)	Commander, Operational Test and Evaluation Force Modeling and Simulation Accreditation Assessment Report	USA WSMR ACR facility used to conduct IR/EO missile firing events.
2002.02.19	RAM Block 1	Accreditation Request (PEO/EXW)	Certification of Rolling Airframe Missile Block 1 Simulation Suite for the OT-IIIA Phase of FOT&E	NAWCWD RAM Block 1 6DOF simulation; NAWCWD RAM Block 1 combined Simulation; Joint Service Endgame Model
2002.02.05	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the TOMAHAWK Advanced Flight Simulation - Tactical/Monte Carlo (TAFS-T/MC) to Support Operational Assessment of the Baseline IV TOMAHAWK Weapons System (TWS) All-Up-Round (AUR)	TOMAHAWK Advanced Flight Simulation - Tactical/Monte Carlo (TAFS-T/MC)

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
2002.02.05	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of TAFS-T/MC to Support Operational Assessment of the Baseline IV Phase 1 TWS AUR (251-4-RevC-DT-IIA1/OT-IIA)	TOMAHAWK Advanced Flight Simulation - Tactical/Monte Carlo (TAFS-T/MC)
2002.02.28		Instruction	SECNAVINST 5200.38A, Department of the Navy Modeling and Simulation Management, 28 February 2002	All models and simulations used or developed by DON activities
2002.01.22		Validation Report (SIMVAL)	H-11 Initial Operational Capability Validation Report, dated September 2001, Revised December 2001	Simulator
2002.01.10	OAML	Accreditation Request	Oceanographic and Atmospheric Master Library (OAML) Nautilus Broadband Normal Mode Acoustic Model, Version 1.0 Accreditation Request	Range dependent broadband propagation model for planning and tactical performance predictions
2002.01.07	AIM-9X	M&S Strategy (COMOPTEVFOR)	Operational Test Agencies (OTA) Modeling and Simulation (M&S) Strategy for the Operational Evaluation (OT-IIB) of the AIM-9X Weapon System Program (TEIN 1412)	Integrated Flight Simulation, Joint Service Endgame Model (JESM Mod X)
2002.01.07	JMASS	Operational Utility Evaluation Letter	Joint Modeling and Simulation System (JMASS) Operational Utility Evaluation (OUE)	Joint Modeling and Simulation System (JMASS)
2002.01.07	JMASS	Operational Utility Evaluation Report	Commander, Operational Test and Evaluation Force Joint Modeling and Simulation System (JMASS) Operational Utility Evaluation	Joint Modeling and Simulation System (JMASS)
2002.01.07	JSHIP	Accreditation Support Package 3	Dynamic Interface Modeling and Simulation System (DIMSS) Accreditation Support Package 3 (Dec 00 – Mar 01 Simulation)	Dynamic Interface Modeling and Simulation System (DIMSS)
2001.12.27	TOMAHAWK	Accreditation Decision Letter (TSMB)	TOMAHAWK All-Up-Round Simulation Accreditation	Mission Validation System/TOMAHAWK Engineering Simulation (MVS/TES) Ver 5.3.1
2001.12.26	TOMAHAWK	Accreditation Decision Letter (TSMB)	TOMAHAWK All-Up-Round Simulation Accreditation	TOMAHAWK Advanced Flight Simulation-Tactical/Hardware-in-the-loop (TAFS-T/H) Ver 01.00;; TOMAHAWK Advanced Flight Simulation-Tactical/Monte Carlo (TAFS-T/MC) Ver 01.00; TOMHAWK Advanced Flight Simulation-Tactical/Cruise Missile Six Degrees of Freedom (TAFS-T/CM6DOF)Ver 01.00; TOMHAWK Advanced Flight Simulation-Tactical/ Aerodynamic Performance (TAFS-T/PERF)Ver 01.00
2001.12.01	JSHIP	Accreditation Support Package 1	Dynamic Interface Modeling and Simulation System (DIMSS) Accreditation Support Package 1 (Dec 00 – Mar 01 Simulation)	Dynamic Interface Modeling and Simulation System (DIMSS)
2001.12.01	JSHIP	Accreditation Support Package 2	Dynamic Interface Modeling and Simulation System (DIMSS) Accreditation Support Package 2 (Dec 00 – Mar 01 Simulation)	Dynamic Interface Modeling and Simulation System (DIMSS)
2001.11.26	Evolved Sea Sparrow Missile	M&S Requirements (COMOPTEVFOR)	COMOPTEVFOR Requirements for Accreditation of AEGIS/ESSM System Model and Simulation	TBD suite of simulations (system, operational environment, threats, environmental effects)
2001.11.19		Validation Report (SIMVAL)	J-34 IOC Validation Report (U) Final, dated September 2001	Simulator
2001.11.06	TOMAHAWK	Accreditation Decision Letter (Final) (COMOPTEVFOR)	Final Accreditation of the TOMAHAWK Land Attack Missile (TLAM) Mission Validation System (MVS) / Register Level Simulation (RLS) Version 5.1 to Support Follow-on Operational Test and Evaluation of the TOMAHAWK Mission Planning Center (TMPC) Version 3.2.	MVS/RLS Version 5.1, a 6DOF cruise missile simulation with the added capability to plan steep dive missions..

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS
Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
2001.11.01	Environmental Restoration	Accreditation Report	CTC Accreditation Recommendation	Cost-to-Complete (CTC) System is part of NAVFAC's Normalization of Data (NORM) information management system.
2001.10.23		Validation Report (SIMVAL)	J-Band Advanced Technology Simulator Grey Model (NAWC-C) Missile Fly-out Model Initial Operational Capability (IOC) Validation Report (U), dated 1 July 2001	Model
2001.10.23	ENEWS	Validation Report (ASCM SVWG)	US Navy Initial Operational Capability Validation of the Quebec Simulator (U), dated 15 August 2001	Hardware seeker
2001.10.17	TOMAHAWK	Accreditation Decision Letter (TSMB)	TOMAHAWK All-Up-Round Simulation Accreditation	Mission Validation System/Register Level Simulation (MVS/RLS) Ver 5.3.0 and Mission Validation System/TOMAHAWK Engineering Simulation (MVS/TES) Ver 5.3.0
2001.09.13	JSHIP	VV&A Plan	Dynamic Interface Modeling and Simulation System (DIMSS) Verification, Validation, and Accreditation Plan	Dynamic Interface Modeling and Simulation System (DIMSS)
2001.08.21		Validation Report (SIMVAL)	Navy Air Combat Environmental Test and Evaluation Facility Frequency Agile Signal Simulator (FASS) Initial Operational Capability Validation Report, dated December 2000, Revised May 2001	Simulator
2001.07.31	OAML	Accreditation Decision Letter	Oceanographic and Atmospheric Master Library (OAML) N-Layered Magnetic Model (NLMM), Version 1.0 Accreditation Request	N-Layered Magnetic Model (NLMM), Version 1.0: Navy standard for calculating environmental parameters used in determining sweep path width for magnetic countermeasures operations
2001.07.31	OAML	Accreditation Decision Letter	Oceanographic and Atmospheric Master Library (OAML) Comprehensive Acoustic System Model (CASS Version 3.0) Accreditation Request	CASS Model 3.0: Navy standard high frequency acoustic prediction model
2001.07.31	NATBMD	V&V Plan	Verification and Validation Plan for JHU/APL AN/SPY-1 FirmTrack Simulation	AN/SPY-1 Radar FirmTrack Simulation, Version 3.20
2001.07.18	TOMAHAWK	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the TOMAHAWK Land Attack Missile (TLAM) Shipboard Environment and Missile Simulation (SEMS) Version 2.1 to Support Operational Test and evaluation of the Advanced TOMAHAWK Weapons Control System (ATWCS), Launch Control Group – Replacement (LCG-R) (OT-IIIIL)	SEMS 2.1 consists of a missile simulation, a real-time variant of the Mission Validation System (MVS)/Register Level Simulation (RLS), and a simulation of a shipboard navigation system. SEMS 2.1 operates with a real-time Mk 82 interface to TWCS or ATWCS.
2001.07.18	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the Shipboard Environment and Missile Simulation (SEMS) Version 2.1 to Support Test and Evaluation of the Advanced Tomahawk Weapon Control System (ATWCS (AN/SWG-4(V)) 1.7.1. (251-OT-IIIIL)	SEMS 2.1 consists of a missile simulation, a real-time variant of the Mission Validation System (MVS)/Register Level Simulation (RLS), and a simulation of a shipboard navigation system. SEMS 2.1 operates with a real-time Mk 82 interface to TWCS or ATWCS.
2001.06.28	PEO TSC	Best Practices Guide	PEO TSC Best Practices Guide for Verification, Validation, and Accreditation of Modeling and Simulation	All M&S sponsored, managed, or used to represent PEO systems and system elements.

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
2001.06.15		Validation Report (SIMVAL)	J-Bats Open Air Range Simulator Initial Operational Capability Validation Report (U), dated March 2000, Revised March 2001 with Errata sheets dated 25 May 2001.	Simulator
2001.05.24	TOMAHAWK	Accreditation Decision Letter (Preliminary) (COMOPTEVFOR)	Preliminary Accreditation of the TOMAHAWK Land Attack Missile (TLAM) Mission Validation System (MVS) / Register Level Simulation (RLS) Version 5.1 to Support Follow-on Operational Test and Evaluation of the TOMAHAWK Mission Planning Center (TMPC) Version 3.2.	MVS/RLS Version 5.1, a 6DOF cruise missile simulation.
2001.05.22	FA-18C/D	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Multifunctional Information Distribution System – Low Volume Terminal (MIDS-LVT) JTIDS Mini Rack and TJHS Site, FA-18 Advanced Weapons Lab (AWL), China Lake, CA to Support Assessment of CNO Project No. M0357-04 (OT-IIA-3) FA-18C/D	FA-18 Advanced Weapons Lab
2001.05.22	FA-18C/D	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the Multifunctional Information Distribution System – Low Volume Terminal (MIDS-LVT) Joint Tactical Information Distribution System (JTIDS) Mini Rack and Tactical Digital Information Link (TADIL) J Host Simulator (TJHS) Site, FA-18 Advanced Weapons Lab (AWL), China Lake, CA to Support Operational Test and Evaluation of CNO Project No. M0357-04 (OT-IIA-3) FA-18C/D	FA-18 Advanced Weapons Lab
2001.05.15	TOMAHAWK	Accreditation Decision Letter (TSMB)	TOMAHAWK All-Up-Round Simulation Accreditation	Ship/Sub Environment and Missile Simulation (SEMS) Version 2.1)
2001.05.15	TOMAHAWK	Accreditation Decision Letter (TSMB)	TOMAHAWK All-Up-Round Simulation Accreditation	Mission Validation System/Register Level Simulation (MVS/RLS) Version 5.1.0
2001.05.08	CEC OT-IIA4	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Cooperative Engagement Processor (CEP) Wrap-Around Simulation Program (WASP) in Support of Cooperative Engagement Capability (CEC) AN/USG-2 System for OT-IIA4 Operational Evaluation (OPEVAL)	CEP WASP: Real time simulator designed and built at JHU/APL
2001.05.08	CEC OT-IIA4	Accreditation Report (COMOPTEVFOR)	COMOPTEVFOR Accreditation Assessment Report for the Cooperative Engagement Processor (CEP) Wrap-Around Simulation Program (WASP)	CEP WASP: Real time simulator designed and built at JHU/APL
2001.04.20		Validation Report	SEAWOLF Threat Validation Report Revision B (U), dated August 2000	Simulator
2001.04.03		Validation Report (SIMVAL)	I-32 Open Air Range Simulator IOC Validation Report (U), dated January 2001	Simulator
2001.04.03	AMNS	Accreditation Plan (COMOPTEVFOR)	Accreditation Plan for the Training Neutralizer of the Airborne Mine Neutralization System (AMNS) in Support of Operational Evaluation (OPEVAL) (OT-II)	AMNS Training Neutralizer Subsystem
2001.04.00	LPD 17	M&S Management Plan	LPD 17 Modeling and Simulation Management Plan Version 3	M&S Tool List at Appendix A.
2001.04.00	LPD 17	M&S VV&A Process	LPD 17 Modeling & Simulation Verification, Validation, and Accreditation Process, Version 3	“As is” legacy M&S, “Modified” legacy M&S, “new development” M&S
2001.03.28	NATMBD	V&V Plan (PEO TSC)	Navy Area TBMD Verification and Validation Plan for MEDUSA	Multi-Target Effectiveness Determined Under Simulation for Aegis (MEDUSA)

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
2001.03.05	AN/AAR-47	Accreditation Plan (COMOPTEVFOR)	COMOPTEVFOR Accreditation Plan for Models and Simulations to Support OT-IIIM and SQT-IIIN of the AN/AAR-47 Missile Warning System	USA WSMR Aerial Cable Range, NAWCWD AN/AAR-47 MWS HITL simulation
2001.02.13	CEC OT-IIA4	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Cooperative Engagement Capability (CEC) Hardware in the Loop (HWIL) Simulation in Support of CEC AN/USG-2 System for OT-IIA4 Operational Evaluation (OPEVAL)	HWIL Simulation components: Surface Combat Systems Center V-10 Wallops Island, The Multi-Function Land Based Test Site Dam Neck, the Eastville Tower, and the NP-3D Flying Aircraft Laboratory
2001.02.13	CEC OT-IIA4	Accreditation Decision Letter (Preliminary) (COMOPTEVFOR)	Preliminary Accreditation of the Cooperative Engagement Processor (CEP) Wrap-Around Simulation Program (WASP) in Support of Cooperative Engagement Capability (CEC) AN/USG-2 System for OT-IIA4 Operational Evaluation (OPEVAL)	CEP WASP: Real time simulator designed and built at JHU/APL
2001.02.13	CEC OT-IIA4	Accreditation Report (COMOPTEVFOR)	COMOPTEVFOR Accreditation Assessment Report for the Cooperative Engagement Capability (CEC) Hardware-In-The-Loop (HWIL) Simulations (OT-IIA4)	HWIL Simulation components: Surface Combat Systems Center V-10 Wallops Island, The Multi-Function Land Based Test Site Dam Neck, the Eastville Tower, and the NP-3D Flying Aircraft Laboratory
2001.02.09	NATBMD	Accreditation Plan (PEO TSC)	Navy Area TBMD FirmTrack Accreditation Plan	AN/SPY-1 Radar FirmTrack Simulation, Version 3.0
2001.02.09	NATBMD	Accreditation Plan (PEO TSC)	Navy Area TBMD MEDUSA Accreditation Plan	Multi-Target Effectiveness Determined Under Simulation for Aegis (MEDUSA)
2001.02.09		Validation Report (SIMVAL)	H-9 Initial Operational Capability (IOC) Validation Report, dated June 2000, Revised November 2000	Actual
2001.01.16		Validation Report (SIMVAL)	J-32 Open Air Range Radar System Validation Report, dated May 2000, Revised October 2000	Actual
2000.12.15		Validation Report (SIMVAL)	J-9 Initial Operational Capability (IOC) Validation Report (U), dated June 2000, Revised September 2000.	Simulator
2000.11.27	CEC OT-IIA4	Accreditation Recommendation (PEO TSC)	Accreditation of the Cooperative Engagement Capability (CEC) Hardware-in-the-Loop (HWIL) Systems for Operational Evaluation (OPEVAL (OT-IIA4)	HWIL Simulation components: MFLBTS; Eastville Tower; SCSC Wallops Island; NRL P-3 Flying Aircraft Laboratory, NP-3D
2000.11.27	CEC OT-IIA4	Accreditation Recommendation (PEO TSC)	Accreditation of the Cooperative Engagement Processor (CEP) Wrap-Around Simulation Program (WASP) for Operational Evaluation (OPEVAL (OT-IIA4)	CEP WASP: Real time simulator designed and built at JHU/APL
2000.11.27	CEC OT-IIA4	Model Management Plan (PEO TSC)	CEC HWIL Model Management Plan	HWIL Simulation components: MFLBTS; Eastville Tower; SCSC Wallops Island; NRL P-3 Flying Aircraft Laboratory, NP-3D
2000.11.27	CEC OT-IIA4	V&V Report (PEO TSC)	Verification and Validation Assessment Report for the Cooperative Engagement Capability Hardware-in-the-Loop System for OT-IIA4	HWIL Simulation components: MFLBTS; Eastville Tower; SCSC Wallops Island; NRL P-3 Flying Aircraft Laboratory, NP-3D
2000.11.22	CEC OT-IIA4	Accreditation Report (PEO TSC)	Verification and Validation Assessment Report for the Cooperative Engagement Processor (CEP) Wrap-Around Simulation Program (WASP) for OPEVAL	CEP WASP: Real time simulator designed and built at JHU/APL
2000.11.21	TOMAHAWK	Accreditation Package (TSMB)	Delivery of Accreditation Materials for TOMAHAWK Register Level Simulation (RLS) 5.1 and TOMAHAWK Engineering Simulation-Monte Carlo (TES/MC) 5.1	Register Level Simulation (RLS) 5.1 and TOMAHAWK Engineering Simulation-Monte Carlo (TES/MC) 5.1

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
2000.11.09	CEC OT-IIA4	V&V Report (PEO TSC)	Verification and Validation (V&V) Report for the Cooperative Engagement Capability Eastville Tower, Eastville, VA Hardware-in-the-Loop System for OT-IIA4	Eastville Tower
2000.11.09	CEC OT-IIA4	V&V Report (PEO TSC)	Verification and Validation (V&V) Report for the Cooperative Engagement Capability Surface Combat Systems Center, Wallops Island, VA Hardware-in-the-Loop System for OT-IIA4	Surface Combat Systems Center
2000.11.07	CEC OT-IIA4	V&V Report (PEO TSC)	Verification and Validation Report for the Cooperative Engagement Processor (CEP) Wrap-Around Simulation Program (WASP) in support of Cooperative Engagement Capability (CEC) Technical Evaluation (TECHEVAL) and Operational Evaluation (OPEVAL)	CEP WASP: Real time simulator designed and built at JHU/APL
2000.11.06	CEC OT-IIA4	V&V Plan (PEO TSC)	Verification and Validation (V&V) Plan for the Cooperative Engagement Capability Surface Combat Systems Center, Wallops Island, VA Hardware-in-the-Loop System for OT-IIA4	Surface Combat Systems Center
2000.11.06	CEC OT-IIA4	V&V Plan (PEO TSC)	Verification and Validation (V&V) Plan for the Cooperative Engagement Capability Multi-Function Land Based Test Site Dam Neck, VA Hardware-in-the-Loop System for OT-IIA4	Multi-Function Land Based Test Site
2000.11.06	CEC OT-IIA4	V&V Plan (PEO TSC)	Verification and Validation (V&V) Plan for the Cooperative Engagement Capability NP-3D Airborne Research Platform Hardware-in-the-Loop System for OT-IIA4	NP-3D Airborne Research Platform
2000.11.06	CEC OT-IIA4	V&V Plan (PEO TSC)	Verification and Validation (V&V) Plan for the Cooperative Engagement Capability Eastville Tower, Eastville, VA Hardware-in-the-Loop System for OT-IIA4	Eastville Tower
2000.11.06	CEC OT-IIA4	V&V Report (PEO TSC)	Verification and Validation Report for the Cooperative Engagement Capability NP-3D Airborne Research Platform Hardware-in-the-Loop System for OT-IIA4	NP-3D Airborne Research Platform
2000.11.06	CEC OT-IIA4	V&V Report (PEO TSC)	Verification and Validation (V&V) Report for the Cooperative Engagement Capability Multi-Function Land Based Test Site Dam Neck, VA Hardware-in-the-Loop System for OT-IIA4	Multi-Function Land Based Test Site
2000.11.01	Integrated Defensive Electronic Countermeasures (IDECM) Block 1	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of Selected Electronic Warfare (EW) Modeling and Simulation (M&S) Systems to Support Operational Test and Evaluation (OT&E) of the Integrated Defensive Electronic Countermeasures Block 1 (IB-1) in OT-IIIA (U)	EW M&S threat weapon systems
2000.11.01	Integrated Defensive Electronic Countermeasures (IDECM) Block 1	Accreditation Report (COMOPTEVFOR)	Accreditation of Selected Electronic Warfare (EW) Threat Modeling and Simulation (M&S) Systems to Support Operational Test and Evaluation (OT&E) of the Integrated Defensive Electronic Countermeasures Block 1 (IB-1) in OT-IIIA (U)	EW M&S threat weapon systems
2000.10.16	AV-8B F-14/A/B/D F/A-18A+/C/D	Accreditation Plan Rev A (COMOPTEVFOR)	Accreditation Plan (Rev A) for Accreditation of the Benefield Anechoic Facility to Support Software Qualification Test of the Calendar Year 2000 Electronic Warfare Suite	BAF, BAF Threat Generation System and Combat Electromagnetic Environment Simulation (BAF TGS/CEESIM)
2000.10.12	AAAV	Accreditation Decision Letter (DPRM)	Accreditation of the TIGER Simulation for Calculation of Mean Time Between Operational Mission Failure (MTBOMF)	Reliability, Availability, and Maintainability (RAM) TIGER model

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
2000.10.12	AAAV	Accreditation Report (AAAV DPRM)	Accreditation of the TIGER Simulation for Calculation of Mean Time Between Operational Mission Failure (MTBOMF)	Reliability, Availability, and Maintainability (RAM) TIGER model
2000.09.19	CEC OT-IIA3	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Cooperative Engagement Capability (CEC) Hardware-In-The Loop (HWIL) Simulation to Support Operational Test and Evaluation of the CEC AN/USG-2 System During OT-IIA3 (Operational Assessment)	CEC HWIL simulation (two laboratories augmented with two relay sites)
2000.09.19	CEC OT-IIA3	Accreditation Report (COMOPTEVFOR)	COMOPTEVFOR Accreditation Assessment Report for the Cooperative Engagement Capability (CEC) Hardware-In-The-Loop (HWIL) Simulations (OT-IIA3)	CEC HWIL simulation (two laboratories augmented with two relay sites)
2000.09.08	CEC OT-IIA4	V&V Plan (PEO TSC)	Verification and Validation (V&V) Plan for the Cooperative Engagement Processor (CEP) Wrap-Around Simulation Program (WASP) in support of Cooperative Engagement Capability (CEC) Technical Evaluation (TECHEVAL) and Operational Evaluation (OPEVAL)	CEP WASP: Real time simulator designed and built at JHU/APL
2000.09.05	CEC OT-IIA4	Designation Letter (PEO TSC)	Cooperative Engagement Capability (CEC) Program Office Accreditation Designation of Data Distribution System (DDS) Laboratory and the Cooperative Engagement Processor (CEP) Wrap-Around Simulation Program (WASP) in Support of USG-2 Operational Test (OT-IIA4)	Data Distribution System (DDS) Laboratory and the Cooperative Engagement Processor (CEP) Wrap-Around Simulation Program (WASP)
2000.08.24	NTW TBMD	Accreditation Plan (NTW TBMD)	Modeling and Simulation Accreditation Process Plan for the Navy Theater Wide Theater Ballistic Missile Defense Program (Block 1) Version 1.0	Models, simulations, HWIL, and data used for all phases of NTW TBMD Block I Program
2000.08.15	CEC OT-IIA4	Accreditation Plan (PEO TSC)	Accreditation Plan for the Cooperative Engagement Processor (CEP) Wrap-Around Simulation Program (WASP) for OTII-A4	CEP WASP: Real time simulator designed and built at JHU/APL
2000.08.09		Accreditation Letter	Certification - Joint Technical Coordinating Group for Munitions Effectiveness (JTCEG/ME) Steering Committee Accreditation of Submarine Vulnerability Evaluation Model (SUBVEM) Version of 14 October 1999	Submarine Vulnerability Evaluation Model (SUBVEM)
2000.07.28	AV-8B	Accreditation Plan (COMOPTEVFOR)	Accreditation Plan for Accreditation of the Benefield Anechoic Facility to Support Software Qualification Test to Support Software Qualification Test of the Calendar Year 2000 Electronic Warfare Suite (CNO Project No. 0521-02-SQT-IIIA)	BAF, BAF Threat Generation System and Combat Electromagnetic Environment Simulation (BAF TGS/CEESIM)
2000.07.20	Navy Theater Ballistic Missile Defense (NTBMD)	M&S Requirements Letter (COMOPTEVFOR)	Modeling and Simulation Requirements [Navy Area Theater Ballistic Missile Defense (Navy Area TBMD) System]	AEGIS Hardware-in-the-Loop (HIL) facilities at the AEGIS Combat System Engineering Development Site (CSEDS) in Moorestown, NJ, and AEGIS Education Center (AEC) at the Naval Surface Warfare Center (NSWC), Dahlgren Division
2000.07.20	Navy Theater Ballistic Missile Defense (NTBMD)	M&S Requirements Letter Enclosure (COMOPTEVFOR)	Modeling and Simulation Requirements	AEGIS Hardware-in-the-Loop (HIL) facilities at the AEGIS Combat System Engineering Development Site (CSEDS) in Moorestown, NJ, and AEGIS Education Center (AEC) at the Naval Surface Warfare Center (NSWC), Dahlgren Division

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS
Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
2000.06.23	CEC OT-IIA4	M&S Requirements Letter (COMOPTEVFOR)	Requirements for Cooperative Engagement Capability (CEC) Modeling and Simulation (M&S) in Support of CEC AN/USG-2 Test and Evaluation (OT-IIA4)	
2000.06.23	CEC OT-IIA4	M&S Requirements Letter Enclosure (COMOPTEVFOR)	COMOPTEVFOR Modeling and Simulation (M&S) Requirements for the Cooperative Engagement Capability (CEC) [for OT-IIA4]	
2000.06.22		Validation Report	Reconfigurable Electro-Optic and Magnetic Expendable Target (REMETS) IOC Validation Report, dated April 2000 (U) (USMC)	Target
2000.06.19	TOMAHAWK	Accreditation Decision Letter (Final) (COMOPTEVFOR)	Final Accreditation of the TOMAHAWK Land Attack Missile (TLAM) Shipboard Environment and Missile Simulation Version 2.0 To Support Operational Test and Evaluation of the Advanced TOMAHAWK Weapons Control System (ATWCS), Launch Control Group-Replacement (LCG-R).	Shipboard Environment and Missile Simulation Version 2.0 consisting of two segments: SES - TOMAHAWK Weapons System ATWCS simulation; MS - replicates the TLAM (all-up-round simulation)
2000.06.19	TOMAHAWK	Accreditation Report (COMOPTEVFOR)	COMOPTEVFOR Modeling & Simulation Accreditation Assessment Report for the TOMAHAWK Land Attack Missile Shipboard Environment and Missile Simulation Version 2.0	SEMS 2.0 configuration at Strike Ware System Integration Laboratory: Launcher-to-missile interface set, TOMAHAWK missile validation simulation/real time, the ship/submarine environment simulation, and SEMS Controller
2000.06.15	CEC OT-IIA3	V&V Report (PEO TSC)	Verification and Validation Assessment Report for the Cooperative Engagement Capability Hardware-In-The-Loop Systems for OT-IIA3	HWIL system: Surface Combat Systems Center (SCSC) V-10, Wallops Island; Multi-Functional Land Based Test Site (MFLBTS), Dam Neck; Eastville Tower; NP-3D Airborne Surveillance Command and Control (ASC2) Aircraft P-3C (CEC Relay Node) Aircraft
2000.06.01	NSWCCD	R&D Report	NSWCCD-20-TR-2000: A Process for Verification and Validation of Carderock Division Modeling and Simulation Software, Vol. I: Legacy Software	Ship performance legacy modeling software
2000.05.24	V-22	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Air Combat Environment Test and Evaluation Facility (ACETEF) MV-22 Full Mission Simulator (FMS) to Support Operational Test and Evaluation (OT-IIIE) of the V-22	ACETEF MV-22 FMS
2000.05.24	V-22	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the Air Combat Environment Test and Evaluation Facility (ACETEF) MV-22 Full Mission Simulator (FMS) to Support Operational Test and Evaluation (OT-IIIE) of the MV-22	MV-22 LRIP aircraft; MV-22 FMS Aircraft Simulator (1) Cockpit Controls and Displays, (2) Airframe Simulation, (3) General Avionics and (4) Motion Base; Simulation Environment (1) SWEG, (2) Generic Composite Scenario (GCS) Terrain and Cultural Features Database, (3) SWEG/Flight Simulator Transfer Function, and (4) Threat Engagement Lookup Tables; DECM Stimulator (1) ATEWES, (2) the UV Stimulator and (3) the Laser Stimulator.

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
2000.05.05	CEC OT-IIA4	Designation Letter (PEO TSC)	Cooperative Engagement Capability (CEC) Program Office Accreditation Designation of CEC Hardware-in-the-Loop Systems in Support of Operational Test OT-IIA4	HWIL Simulation components: MFLBTS; Eastville Tower; SCSC Wallops Island; NRL P-3 Flying Aircraft Laboratory, NP-3D and NP-3C
2000.05.01	CEC OT-IIA4	Accreditation Plan (PEO TSC)	Accreditation Plan for the Cooperative Engagement Capability Hardware-in-the-Loop Systems for OT-IIA4	HWIL Simulation components: Surface Combat Systems Center V-10 Wallops Island, the Multi-Function Land Based Test Site (MFLBTS) Dam Neck, the Eastville Tower; the NRL ASC ² Flying Aircraft Laboratory NP-3D and P-3C (relay only)
2000.02.04	PEO TSC	Instruction	PEOTSCINST 5200.3, Verification, Validation, and Accreditation (VV&A) of Modeling and Simulation (M&S), 4 February 2000	All M&S sponsored, managed, or used to represent PEO systems and system elements.
2000.03.28	MJU-52/B BOL/IR	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of Capability of the Naval Surface Warfare Crane Seeker Test Van and Airborne Turret Infrared Measurement System Pod to Support Operational Test and Evaluation of the MJU-52/B (BOL-IR) Infrared Countermeasure	Captive Missile Seeker Test Van (STV) and Airborne Turret Infrared Measurement System (ATIMS III) Pod
2000.03.28	MJU-52/B BOL/IR	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Naval Surface Warfare Center (NSWC) Crane Captive Missile Seeker Test Van (STV)	STV is a mobile system for testing effectiveness of infrared countermeasures against captive missile seekers. Prominent feature is a modified Contraves Kineto Tracking Mount.
2000.03.28	MJU-52/B BOL/IR	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Naval Surface Warfare Center (NSWC) Crane Airborne Turret Infrared Measurement System III (ATIMS III)	ATIMS III used to determine operational effectiveness of infrared countermeasures to deny acquisition or decoy the seeker head of captive missile seekers.
2000.03.20		Validation Report	Mobile Ship Target (MST) Operational Validation Report (U) dated April 1999	Target
2000.03.20	ERGM	Model Management Plan	Model Management Plan (MMP) for the Naval Surface Fire Support Extended Range Guided Munition (ERGM) Projectile Ex 171 Mod 0	6 Degrees-of-Freedom (6 DOF) Flight Model, Expel/Dispense Model, Lethality Model
2000.02.25	F/A-18C/D	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the Naval Air Warfare Center Weapons Division, China Lake (NAWC-CL), F/A-18 Advanced Weapons Laboratory (AWL) Land Based Test Site to Support Operational Assessment (OT-IIA-2) of the Multifunctional Information Distribution System - Low Volume Terminal (MIDS-LVT) F/A-18C/D Integration	F/A-18 Advanced Weapons Laboratory
2000.02.25	F/A-18C/D	Non-Accreditation Decision Letter (COMOPTEVFOR)	Non-Accreditation of the Naval Air Warfare Center Weapons Division, China Lake (NAWC-CL), Advanced Weapons Laboratory (AWL) Land Based Test Site to Support Operational Assessment (OT-IIA-2) of the Multifunctional Information Distribution System - Low Volume Terminal (MIDS-LVT) F/A-18C/D Integration	F/A-18 Advanced Weapons Laboratory
2000.02.16		Validation Report	MQM-8G (EER) Vandal/Threat C Operational Validation Report (U), dated April 1999	Target

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
2000.02.08	CEC OT-IIA2	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Surface Combat Systems Center (SCSC) Wallops Island, VA and the Multi-Function Land Based Test Site (LBTS), Port Hueneme Division, Dam Neck, VA To Support Cooperative Engagement Capability (CEC) Equipped E-2C Aircraft Test and Evaluation (OT-IIA2)	Surface Combat Systems Center (SCSC) Wallops Island, VA (represents an AEGIS platform); Multi-Function Land Based Test Site (LBTS), Port Hueneme Division, Dam Neck, VA (represents a CV/CVN ACDS platform)
2000.02.08	CEC OT-IIA2	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the Surface Combat Systems Center (SCSC), Wallops Island, VA and the Multi-Function Land Based Test Site (LBTS), Dam Neck, VA to Support Cooperative Engagement Capability (CEC) AN/USG-3 Equipped E-2C Aircraft Test And Evaluation (OT-IIA2)	Surface Combat Systems Center (SCSC) Wallops Island, VA (represents an AEGIS platform); Multi-Function Land Based Test Site (LBTS), Port Hueneme Division, Dam Neck, VA (represents a CV/CVN ACDS platform)
2000.02.04	Virginia Class NSSN	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of SIMII/SSTORM (Scenario Structured Torpedo Requirements Model) to Support the Operational Assessment (OT-IIA2) of the Virginia Class SSN	SIM II / SSTORM (Scenario Structured Torpedo Requirements Model)
2000.02.04	Virginia Class NSSN	Accreditation Report (COMOPTEVFOR)	Accreditation Report for SIMII/SSTORM (Scenario Structured Torpedo Requirements Model) to Support the Operational Assessment (OT-IIA2) of the Virginia Class SSN	SIM II / SSTORM (Scenario Structured Torpedo Requirements Model)
2000.02.01	V-22	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Computation of Vulnerable Area and Repair Time (COVART) Model Version 4.1 in Support of MV-22 OT-IIE	Computation of Vulnerable Area and Repair Time (COVART) Model Version 4.1. COVART is an implementation of a method for determining the vulnerable areas and expected repair times of targets damaged by impacting kinetic energy (KE) penetrators, or high explosive (HE) rounds.
2000.02.01	V-22	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the Computation of Vulnerable Area and Repair Time (COVART) Model Version 4.1 to Support MV-22 Operational Test and Evaluation (OT-IIE)	Computation of Vulnerable Area and Repair Time (COVART) Model Version 4.1. COVART is an implementation of a method for determining the vulnerable areas and expected repair times of targets damaged by impacting kinetic energy (KE) penetrators, or high explosive (HE) rounds.
2000.01.19	CEC OT-IIA2	V&V Report (PEO TSC)	Verification and Validation Report for the Surface Combat Systems Center (SCSC) Wallops Island, VA	SCSC: Existing H/W and S/W (to represent an AEGIS platform)
2000.01.19	CEC OT-IIA2	V&V Report Cover Letter (PEO TSC)	Verification and Validation Report for the Surface Combat Systems Center (SCSC) Wallops Island, VA	SCSC: Existing H/W and S/W (to represent an AEGIS platform)

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
2000.01.10	RAM Block 1	Accreditation Plan (JASA)	Accreditation Support Plan NAWCWD 6 Degree-of-Freedom Simulation of the Rolling Airframe Missile Block 1	<ol style="list-style-type: none"> 1. Front End Simulation (ship sensors and fire control) of Ship Self Defense System (SSDS) at the Applied Physics Laboratory at Johns Hopkins University (JHU/APL) 2. NAWCWD RAM Block 1 Six Degree-of-Freedom (6DOF) simulation 3. NAWCWD Combined Simulation 4. Joint Service Endgame Model (JSEM) 5. Associated target models 6. Background imagery
1999.12.10	CEC OT-IIA2	V&V Report	Verification and Validation Report for the Multi-Function Land Based Test Site (LBTS), Port Hueneme Division Dam Neck, VA	Multi-Function LBTS: Existing H/W and S/W (to represent a CV/CVN ACDS platform)
1999.11.01		Accreditation Package (NSWCCD)	Accreditation Support Package for the Submarine Vulnerability Evaluation Model (SUBVEM)," NSWCCD-U-TR-67-1999/08	Submarine Vulnerability Evaluation Model (SUBVEM)
1999.10.25	GCCS-M	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Land-Based Test Facility (LBTF) for the Mobile Operations Control Center (MOCC) Component for the Global Command and Control System-Maritime (GCCS-M) Software Qualification Test (SQT) / Follow-On Operational Test and Evaluation (FOT&E) (OT-IID6)	MOCC LBTF (SPAWARSYSCEN Charleston, SC)
1999.10.25	GCCS-M	Accreditation Report (COMOPTEVFOR)	Accreditation Assessment Report for GCCS-M Mobile Operations Control Center Land-Based Test Facility to Support GCCS-M OT-IID6	GCCS-M MOCC Version 3.1.2
1999.10.18	TOMAHAWK	Preliminary Accreditation Decision Letter (COMOPTEVFOR)	Preliminary Accreditation of the TOMAHAWK Land Attack Missile (TLAM) Shipboard Environment and Missile Simulation Version 2.0 to Support Operational Test and Evaluation of the Advanced TOMAHAWK Weapons Control System (ATWCS), Launch Control Group-Replacement (LCG-R).	SEMS Version 2.0 consists of two simulations Ship/Submarine Environment Simulation (SES) categorized as a TOMAHAWK Weapons System (TWS) ATWCS simulation; and Missile Simulation (MS) replicates the TLAM which is categorized as an all-up-round (AUR) simulation
1999.10.18	TOMAHAWK	Preliminary Accreditation Report (COMOPTEVFOR)	Preliminary Accreditation Report for the Capability of the Shipboard Environment And Missile Simulation (SEMS) Version 2.0 to Support Test and Evaluation of the Advanced TOMAHAWK Weapon Control System (ATWCS)(AN/SWG-4(V)) Launch Control Group – Replacement (LCG-R) (251-OT-IIL)	SEMS 2.0 consists of a missile simulation, real-time variant of the Mission Validation System (MVS)/Register Level Simulation (RLS), and simulation of a shipboard navigation system. The SEMS operates with a real-time MK82 interface to the Tomahawk Weapon Control System (TWCS) or Advanced Tomahawk Weapon Control System (ATWCS).
1999.10.01		Validation Report	BQM-74E Threat A Operational Validation (U) dated April 1999	Target
1999.09.27	OSPREY Class (MHC 51)	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the Total Mine Simulation System Modeling and Simulation to Support Follow-On Operational Test and Evaluation (OT-IIIB) of the OSPREY Class (MHC 51) Coastal Minehunter	Total Mine Simulation System (TMSS) is an one-on-one engagement simulation between a vessel and a mine.

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
1999.09.27	OSPREY Class (MHC 51)	Non-Accreditation Decision Letter (COMOPTEVFOR)	Non-Accreditation of the Total Mine Simulation System Modeling and Simulation to Support Follow-On Operational Test and Evaluation (OT-IIIB) of the OSPREY Class (MHC 51) Coastal Minehunter	Total Mine Simulation System (TMSS) is an one-on-one engagement simulation between a vessel and a mine.
1999.09.17		Validation Report (SIMVAL)	H-8 IOC Validation (U) dated December 1998, Revised June 1999	Simulator
1999.08.23	ENEWS	Validation Report (ASCM SVWG)	INDIA II Simulator Operational Validation (U) dated 28 May 1999 with Errata sheet dated 20 July 1999	Hardware seeker
1999.08.21	CEC OT-IIA4	Configuration Management Plan (PEO TSC)	Cooperative Engagement Processor (CEP) Wrap-Around Simulation Program (WASP) Configuration Management Plan	CEP WASP: Real time simulator designed and built at JHU/APL
1999.08.16		Class Accreditation Decision Letter	The Under Secretary of Defense, Memorandum "Department of Defense (DoD) Interim Standard Nuclear, Biological and Chemical (NBC) Hazard Prediction Models"	VLSTRACK, HPAC, D2PCw
1999.07.30	TOMAHAWK	Preliminary Accreditation Decision Letter (COMOPTEVFOR)	Preliminary Accreditation of the TOMAHAWK Land Attack Missile (TLAM) Mission Validation System (MVS) / Register level Simulation (RLS) Version 4.1 to Support Operational Test and Evaluation of the TOMAHAWK Theater Mission Planning Center (TMPC) Version 3.1	TOMAHAWK Mission Validation System (MVS) / Register Level Simulation (RLS) Version 4.1. An All-up Round simulation using MVS/RLS V 4.1. The simulation is a Flight Computer (LC4516C) simulated 6DOF Vehicle Environmental Model (VEM).
1999.07.30	TOMAHAWK	Preliminary Accreditation Report (COMOPTEVFOR)	Preliminary Accreditation Report for the Capability of the Mission Validation System (MVS) / Register level Simulation (RLS) Version 4.1 to Support Test and Evaluation of the Theater Mission Planning Center (TMPC) Version 3.1 (1007-1-OT-IIIE)	TOMAHAWK Mission Validation System (MVS) / Register Level Simulation (RLS) Version 4.1. An All-up Round simulation using MVS/RLS V 4.1. The simulation is a Flight Computer (LC4516C) simulated 6DOF Vehicle Environmental Model (VEM).
1999.07.09	FA-18E/F	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of Capability of the FA-18E/F Manned Air Combat Simulator 3 (MACS 3) and FA-18C/D MACS 2 Simulator to Support Operational Test and Evaluation of the FA-18E/F	MACS 3 and MACS 2
1999.07.09	FA-18E/F	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the Capability of the FA-18E/F Manned Air Combat Simulator 3 (MACS 3) and FA-18C/D MACS 2 Simulator to Support Operational Test and Evaluation of the FA-18E/F	FA-18E/F MACS 3 software Operational Flight Program 13E (OFP13) and FA-18C/D MACS 2 software OFP13C
1999.05.12		Validation Report (SIMVAL)	Airborne Emitter Test Tool (AETT) Version 2 IOC Validation Report (U), dated January 1996, Revised April 1999	Simulator
1999.04.18		Instruction	SECNAVINST 5200.40, Verification, Validation, And Accreditation (VV&A) Of Models And Simulations, 19 April 1999	
1999.03.00	Standard Missile	Simulation Management Plan	Standard Missile Simulation Management Plan, ADS-99-015, March 1999	Including, but not limited to, 6-DOF, target detection device or fuzing, warhead lethality models or simulations
1999.02.24	OSPREY Class (MHC 51)	Accreditation Plan	Accreditation Process Plan TMSS (Total Mine Simulation System) Modeling & Simulation for the Minehunter Coastal (MHC 51) Class for Follow-On Operational Test and Evaluation (FOT&E)	Total Mine Simulation System (TMSS) is an one-on-one engagement simulation between a vessel and a mine.
1999.01.13		Validation Report (SIMVAL)	Missile on the Mountain H-8 Seeker Initial Operational Capability (IOC) Validation Report – Final Version (U), dated December 1998.	Simulator
1999.01.13		Validation Report (SIMVAL)	J-29 Initial Operational Capability Validation Report (Final Version) (U), dated December 1998	Actual

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
1998.12.00	TOMAHAWK	Simulation Management Plan	PEO(CU) 5232.4 TOMAHAWK Simulation Management Plan, December 1998	Models and simulations used to support the TOMAHAWK Weapon System
1998.11.17		Validation Report (SIMVAL)	J-19 Initial Operational Capability (IOC) Validation Report Final Version (U), dated August 1998, Revised November 1998.	Simulator
1998.11.17		Validation Report (SIMVAL)	J-18 Initial Operational Capability (IOC) Validation Report Final Version (U), dated August 1998, Revised October 1998.	Simulator
1998.08.31	AN/AAR-47	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of Capability of Aerial Cable Range, Georgia Tech Research Institute, and Naval Research Laboratory Modeling and Simulation Facilities to Support the AN/AAR-47 Missile Warning System	U.S. Army WSMR ACR Cable Car; GTRI HITL Facility; NRL AN/AAR-47 M&S Facility
1998.08.31	AN/AAR-47	Accreditation Report (COMOPTEVFOR)	Accreditation Report for Naval Research Laboratory (NRL) AN/AAR-47 Modeling and Simulation Facility	NRL AN/AAR-47 M&S Facility
1998.08.31	AN/AAR-47	Accreditation Report (COMOPTEVFOR)	Accreditation Report for Georgia Tech Research Institute (GTRI) Hardware in the Loop (HITL) Facility	GTRI HITL Facility
1998.08.31	AN/AAR-47	Accreditation Report (COMOPTEVFOR)	Accreditation Report for the U.S. Army White Sands Missile Range (WSMR) Aerial Cable Range (ACR) Cable Car	WSMR ACR Cable Car
1998.08.08		Validation Report (SIMVAL)	Laser Threat Simulator Initial Operational Capability (IOC) Validation Report (U), dated March 1998.	Simulator
1998.08.03		Validation Report (SIMVAL)	J-25 Operational Baseline Validation Report (U), dated April 1998.	Simulator
1998.08.03		Validation Report (SIMVAL)	G-6 Initial Operational Capability (IOC) Validation Report (U), dated April 1998.	Simulator
1998.07.15	JSIMS-Maritime	VV&A Plan Ver 0.7 original draft	Joint Simulation System (JSIMS) Maritime Verification, Validation and Accreditation Plan JM-VV&A-0001-R0C0	JSIMS-Maritime
1998.05.29		Validation Report (SIMVAL)	J-4 Missile Flyout Model Initial Operational Capability (IOC) Validation Report (U), dated December 1997, Revised April 1998.	J-4 Missile Flyout Model
1998.03.13		Validation Report (SIMVAL)	Roland II Fly-Out Model Initial Operational Capability (IOC) Validation Report (U), dated February 1998.	Roland II Fly-Out Model
1998.02.17		Validation Report (SIMVAL)	MicroAMES Simulator Initial Operational Capability (IOC) Validation Report (U), dated June 1997.	Simulator
1997.10.10		Validation Report (SIMVAL)	MATS FFM Simulator Initial Operational Capability (IOC) Validation Report (U), dated May 1997.	Simulator
1997.09.00	JSIMS-Maritime	Conceptual Model Version 1.0	System Description for the Common System Conceptual Model of Identification, Friend or Foe (IFF)	IFF common system conceptual model
1997.07.31	JSIMS-Maritime	Conceptual Model Version 1.0	System Description for the Common System Conceptual Model of Well Deck JM-WELLDECK.SD-N1-000501-R0C0	Well deck common system conceptual model
1997.05.28		Validation Report (SIMVAL)	J-BATS Simulator Design Specification Validation Report-Revised (U), revised May 1997.	Simulator
1997.05.28		Validation Report (SIMVAL)	ECR HAWK Missile Flyout Model Initial Operational Capability (IOC) Validation Report (U), Revised March 1997.	ECR HAWK Missile Flyout Model
1997.05.28		Validation Report (SIMVAL)	E-9 Threat Simulator Initial Operational Capability (IOC) Validation Report (U), Revised February 1994.	Simulator

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
1997.04.29	JMCIS	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of the Land Based Test Facility (LBTF) for the Special Compartmented Information (SCI) Joint Maritime Command Information System (JMCIS) Software Qualification Test (SQT) (OT-IIC2A)	LBTF (Lab 260) Naval Command, Control and Ocean Surveillance Center, San Diego, CA. SCI JMCIS S/W Version 2.2.1 with Cryptologic Unified Build (CUB) 2.2.3
1997.04.29	JMCIS	Accreditation Report (COMOPTEVFOR)	Accreditation Report [for the Capability of the Land Based Test Facility (LBTF) for the Special Compartmented Information (SCI) Joint Maritime Command Information System (JMCIS) Software Qualification Test (SQT) (OT-IIC2A)]	SCI JMCIS S/W Version 2.2.1 with Cryptologic Unified Build (CUB) 2.2.3
1997.03.18		Validation Report (SIMVAL)	Airborne Emitter Test Tool (AETT) Initial Operating Capability (IOC) Validation Report (U), Revised July 96	Simulator
1997.01.28	MK 48 ADCAP	VV&A Plan	Weapons Analysis Facility Verification, Validation and Accreditation Plan for Torpedo MK-48 ADCAP Block III Deep Water ASW Regression Testing	Weapons Analysis Facility (WAF), Reverberation Model (Filtered Noise Approach), Fast Asymptotic Multipath Expansion (FAME) propagation model, Target Highlight Model, Target Dynamics/Maneuver Model, Target Radiated Noise Model, Target Volumetric (Hit) Model, Countermeasures simulation, ADCAP 6DOF simulation
1997.01.28	MK 48 ADCAP	VV&A Plan Appendix B	Weapons Analysis Facility VV&A Model Verification Check List	Target, Environment, Torpedo, Countermeasures, Requirements
1997.01.28	MK 48 ADCAP	VV&A Plan Appendix A	Weapons Analysis Facility VV&A Conceptual Model Validation Checklist	Target, Environment, Torpedo, Countermeasures, Assumptions, Derivation, Interfaces
1996.12.03		Validation Report	Radar Environmental Simulator (RES) Validation Report dated November 1996 (USMC)	Simulator
1996.11.25		Validation Report (SIMVAL)	System C Advanced Target Emitter Simulator Initial Operational Capability Validation Report (U), dated April 1996, Revised September 1996.	Simulator
1996.11.25		Validation Report (SIMVAL)	System B Advanced Target Emitter Simulator Initial Operational Capability Validation Report (U), dated June 1996, Revised September 1996.	Simulator
1996.11.25		Validation Report (SIMVAL)	I-23 Radar Simulator Initial Operational Capability (IOC) Validation Report, dated June 1996, Revised September 1996.	Simulator
1996.11.25		Validation Report (SIMVAL)	I-15 / Missile Unit Threat Simulator System at EWTES, Validation Report (U), dated June 1990.	Simulator
1996.11.22		Class Accreditation Decision Letter	Joint Memorandum, "Designation of DoD Standard NBC Hazard Prediction Models.	VLSTRACK, HPAC, D2PCw
1996.10.22		Validation Report (SIMVAL)	System A Advanced Target Emitter Simulator Initial Operating Capability (IOC) Validation Report (U), dated Feb 96, Revised Jul 96	Simulator
1996.10.22		Validation Report (SIMVAL)	AN/GPQ-11 (v) 7 Jammer Simulator Initial Operational Capability (IOC) Validation Report (U), dated October 1995, Revised July 1996.	Simulator
1996.10.22		Validation Report (SIMVAL)	AN/GPQ-11 (v) 2.2 Threat Radar Simulator (Design) Validation Report (U), dated July 1993.	Simulator

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS

Updated 27 May 2004

Date yyyy.mm.dd	Program	Document Type (Originator*)	Document Title	Description of M&S
1996.05.08		Validation Report (SIMVAL)	ESS-Basic Radar Simulator Initial Operational Capability (IOC) Validation Report (U), Revised January 1996.	Simulator
1996.05.08		Validation Report (SIMVAL)	AN/GPQ-11 (v) 2.2 Radar Simulator Initial Operational Capability (IOC) Validation Report (U), Revised January 1996.	Simulator
1996.05.07		Validation Report (SIMVAL)	AN/GPQ-11 (v) 2.2 Radar Simulator Critical Design Review Validation Report	Simulator
1996.05.02	SPY-1D(v)	Accreditation Decision Letter (COMOPTEVFOR)	Accreditation of Models and Simulations for SPY-1D(V) Radar Upgrade Program	Dynamic Test Target, Simulated Dynamic Missile, Sea Clutter Model, Propagation Model, Basic Electromagnetic Environment Source Simulator, Sea Clutter Generator, Antenna Array Simulator
1996.05.02	SPY-1D(v)	Accreditation Report (COMOPTEVFOR)	SPY-1D(V) Radar Upgrade Models and Simulations	Dynamic Test Target, Simulated Dynamic Missile, Sea Clutter Model, Propagation Model, Basic Electromagnetic Environment Source Simulator, Sea Clutter Generator, Antenna Array Simulator
1995.11.14		Validation Report (SIMVAL)	J-4 Threat Radar Simulator Operational Validation Report (U), Revised July 1995.	Simulator
1995.09.05		Instruction	COMOPTEVFORINST 5000.1, Use of Modeling and Simulation (M&S) in Operational Testing, 5 September 1995	All models and simulations used to supplement operational testing.
1995.08.30		Validation Report (SIMVAL)	I-30 Design Specification Validation Report	Simulator
1995.08.30		Validation Report (SIMVAL)	AN/GPQ-11 (v) 1 Radar Simulator Operational Validation Report (U), dated November 1994, revised, April 1995.	Simulator
1995.07.19		Validation Report (SIMVAL)	Electronic Combat Range (ECR) Command and Control (C2) System Initial Operational Capability Validation Report (U), Revised January 1995.	Simulator
1994.07.18		Validation Report (SIMVAL)	AN/TPQ-XN-01/G-3 Threat Radar Simulator Operational Validation Report (U), Revised April 1994.	Simulator
1994.07.18		Validation Report (SIMVAL)	AN/MPS-38 Radar Simulator Initial Operational Capability (IOC) Validation Report (U), Revised February 1994.	Simulator
1994.07.18		Validation Report (SIMVAL)	AN/FPS-127 Radar Simulator Initial Operational Capability (IOC) Validation Report (U), dated April 1994.	Simulator
1992.12.28		Validation Report (SIMVAL)	Electronic Combat Range (ERC) E-11 Surrogate System, Initial Operational Capability (IOC) Validation Report, Revision 1 (U), dated August 1992.	Simulator
1992.02.14		Validation Report (SIMVAL)	Hybrid Laboratory Simulator System Initial Operational Capability (IOC) Validation Report	Simulator
1991.12.20		Validation Report (SIMVAL)	I-30 Threat Simulator Initial Operational Capability (IOC) Validation Report (U), dated April 1995.	Simulator
1990.09.10		Validation Report (SIMVAL)	I-15 / Missile Unit Hybrid Laboratory Simulator (HLS) System Initial Operational Capability Validation Report (U), dated June 1990.	Simulator

ARCHIVED VERIFICATION, VALIDATION, AND ACCREDITATION DOCUMENTS
Updated 27 May 2004

***ORIGINATOR:**

ASCM SVWG	Anti-Ship Cruise Missile Simulator Validation Working Group
COMOPTEVFOR	Commander, Operational Test and Evaluation Force
NTW TBMD	Navy Theater Wide Theater Ballistic Missile Defense Program
PEO TSC	Program Executive Office Theater Surface Combatants (Now PEO Integrated Warfare Systems)
SIMVAL	Navy Air Defense Threat Simulation Validation Office
TSMB	TOMAHAWK Simulation Management Board