

Log off \* Prepare RFQ \* My RFQs \* Profile \* e-Buy Home  
\* GSA Advantage

**GSA e-Buy**  
...Your RFQ Resource

**R**<sub>RFQ Summary</sub>

Tuesday, August 3, 2004

▶ Forward RFQ ▶ Modify RFQ ▶ Cancel RFQ

579 vendor(s) were notified

<b>RFQ ID</b> <b>RFQ45129</b> <a href="#">(Modification 1)</a>		<b>Reference #</b>			
<b>RFQ Title</b> Tech Services for USN Ship Inspections					
<b>RFQ Status</b> Open			<b>Delivery Days</b> Deliver <b>30</b> Days After Receipt Of Order		
<b>RFQ Issue Date</b> 07/16/2004 09:14:18 AM EDT			<b>RFQ Close Date</b> 08/06/2004 09:14:18 AM EDT		
<b>Line Items</b>					
<b>Mfr. part No/NSN/Item</b>	<b>Manufacturer</b>	<b>Product/Service Name</b>	<b>Qty</b>	<b>Unit</b>	<b>Ship Address</b>
<p><b>Description</b> U.S. Navy Board of Inspection and Survey (INSURV) requires the services of skilled technicians and engineers, hereafter referred to as "technical assistants," to observe and/or assist with the performance of specific procedures by ship crewmembers. An inspection by INSURV includes an intensive battery of test procedures including visual inspections, measurement of equipment operating parameters, and functional checkouts of systems installed on naval warships. Validated by U.S. Navy technical authorities, these procedures are precisely defined. Each technical assistant supports a specific uniformed inspector, an active duty U.S. Naval officer responsible for inspecting a specific group of systems on the inspected ship. Technical assistants must possess expertise about specific systems for which their services are obtained. Experience and/or familiarity with the operation and/or maintenance of naval systems are also strongly desired.</p> <p><b>Attached Documents:</b> <a href="#">INSURVRFI</a></p>					
<p><b>Shipping Address</b> (1) Address302625 Department of the Navy 2600 tarawa court, suite 250 norfolk, VA 23521-3295</p>					

1. Purpose. This RFI solicits information from vendors, on GSA Multiple Award Schedule (MAS), who are interested in providing technical assistance services to the U.S. Navy Board of Inspection and Survey (INSURV). The RFI also contains information about a conference for interested vendors.

2. Background. INSURV is a U.S. Navy organization with a Title 10 U.S.C. charter to periodically inspect naval vessels and determine their fitness for continued service. INSURV accomplishes its mission through conducting trials of newly constructed vessels and periodic material inspections (MIs) of active ships. These inspections occur during a five-day workweek. The first two days of these inspections occur in port, usually at the ship's homeport. The third day involves at-sea testing. On the fourth day, limited quantities of selected pieces of the ship's equipment are disassembled for internal inspection. The principal activities occurring on the fourth and fifth days include generation of the inspection report and its delivery to the ship. In a typical calendar year, INSURV will perform approximately 65 trials and MIs. INSURV's scope of responsibility includes all active ships on the U.S. Naval Vessel Register (NVR) homeported at locations around the world.

3. Nature of Services Required. INSURV requires the services of skilled technicians and engineers, hereafter referred to as "technical assistants," to observe and/or assist with the performance of specific procedures by ship crewmembers. An inspection by INSURV includes an intensive battery of test procedures including visual inspections, measurement of equipment operating parameters, and functional checkouts of systems installed on naval warships. Validated by U.S. Navy technical authorities, these procedures are precisely defined. Each technical assistant supports a specific uniformed inspector, an active duty U.S. Naval officer responsible for inspecting a specific group of systems on the inspected ship. Technical assistants must possess expertise about specific systems for which their services are obtained. Experience and/or familiarity with the operation and/or maintenance of naval systems are also strongly desired.

4. Preliminary Statement of Work.

a. During an inspection, technical assistants shall observe and/or assist ship crewmembers with the performance of material assessment procedures and shall record the results thereof. Prescribed by published INSURV inspection checklists, these material assessment procedures include visual inspections, system operational checks, and measurement of equipment operating or hardware parameters. Moreover, the procedures are drawn from sources validated by Navy technical authorities including, but not limited to, PMS, Operational Sequencing Systems (e.g., EOSS, CSOSS) and technical manuals. The technical assistants shall document results from inspection procedures using INSURV's PRISMS software (or its successor application). Upon completing performance of his/her assigned procedures, each technical assistant shall personally deliver his/her report, in a format that is compatible with PRISMS software, to the cognizant INSURV inspector and provide verbal explanation, as required by that inspector, of the report's content.

b. At the start of the inspection, the time and location for which are identified in the technical assistant request for quote (RFQ), all technical assistants shall first check in with the inspection visit coordinator, also identified in the RFQ. Each assistant shall then report to the cognizant uniformed inspector for additional information about the inspection's conduct. During the conduct of the inspection, technical assistants shall periodically (nominally twice per day) provide the uniformed inspector with status of assessment procedure accomplishment and summaries of results, including significant material deficiencies. When, after completion

assigned inspection procedures, the cognizant uniformed inspector releases the technical assistant, he/she will check out with the visit coordinator.

5. Intended Approach to Obtaining Services. INSURV intends to award blanket purchase agreements (BPAs) to interested, qualified vendors on the GSA MAS 871. The notional timeline for awarding task orders appears in enclosure 1. Specifically, approximately 30 days in advance of an inspection, INSURV will transmit RFQs to vendors with which it has active BPAs. The RFQ will specify the date and location of the inspection and invoke Technical Assistance Service Specifications (TASSs), exemplified by enclosure 2. A catalog of TASSs, and the ship types to which they apply, appears as enclosure 3. The TASSs identify the specific system for which assistance is required, the installed equipment population, and the specific inspection procedures to be performed. Prior to a clearly specified deadline, nominally 21 days in advance of the inspection start, interested vendors will respond with quotations for individual TASSs that they believe they can satisfy. The quotations will consist of a labor category listed on the vendor's schedule, a proposed quantity of labor hours, and a quote for travel-related costs if necessary. No later than ten days prior to the start of the inspection, INSURV will make a best value decision regarding all quotes it received and award task orders. Teaming arrangements among interested vendors are encouraged by INSURV and will be viewed favorably.

6. Other Information.

a. Software requirement. For purposes of documenting inspection results, INSURV uses a custom software application, PRESINSURV Inspection Management System (PRISMS). PRISMS operates in a Microsoft Windows environment. The value of technical assistants' services are elevated if they have enough proficiency in the use of PRISMS to be able to provide uniformed inspectors with results in a PRISMS format. INSURV will distribute PRISMS installation media to interested vendors without charge. INSURV will also, on a no-cost basis, provide vendor representatives with instruction in the use of PRISMS software. This instruction will be provided on a "train-the-trainer" basis.

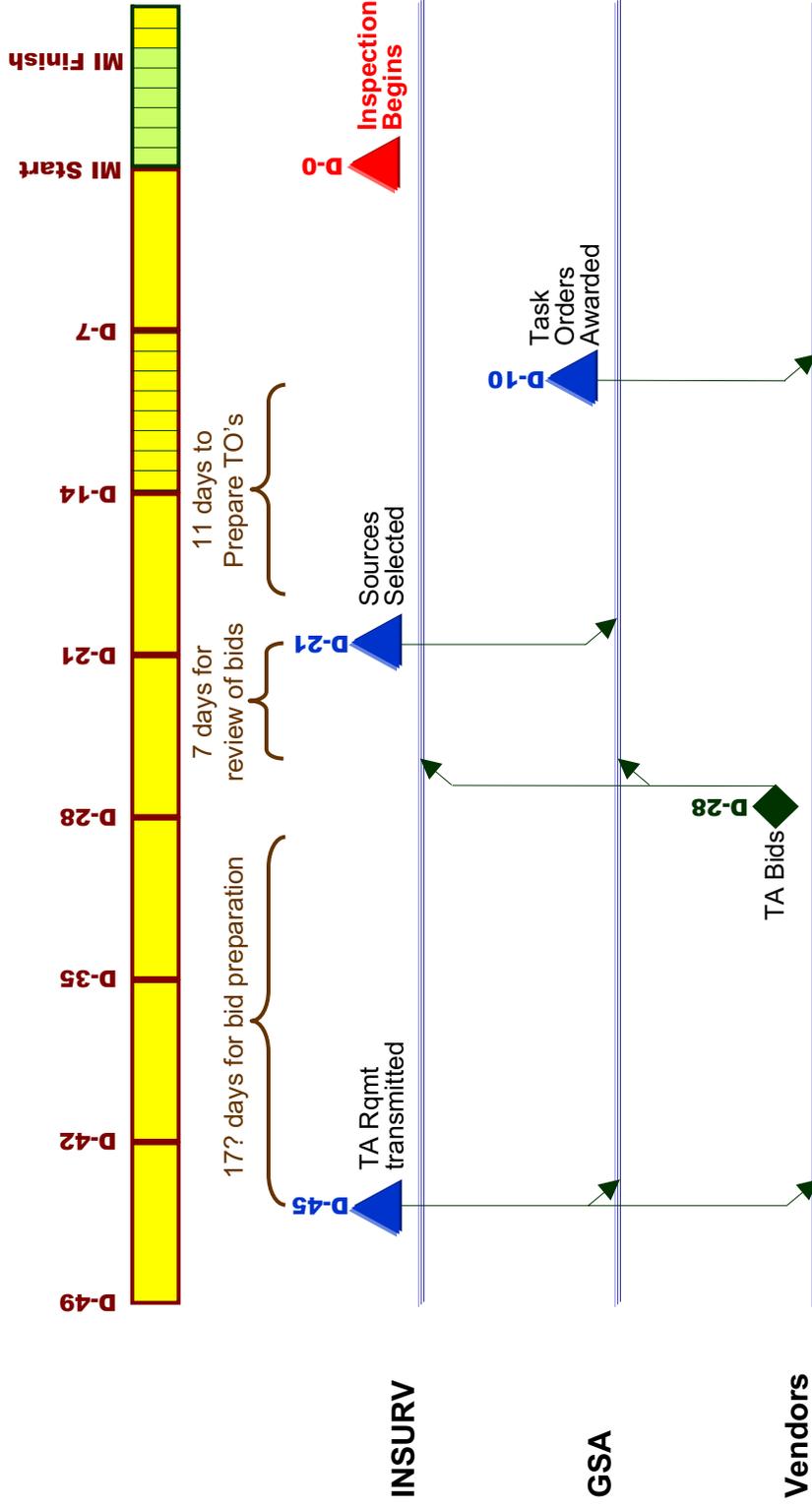
b. INSURV Website. Additional information about INSURV can be found at <http://www.spawar.navy.mil/fleet/insurv/>.

c. The Naval Vessel Register is located online at <http://www.nvr.navy.mil>.

7. Responding to This RFI. Interested vendors are invited to respond to this RFI by providing Ms. Sherron Hanna [sherron.hanna@navy.mil](mailto:sherron.hanna@navy.mil) with a concise (less than 5 pages) summary of qualifications to provide technical assistants described herein. Respondents will also be invited to a vendors' conference, scheduled 1300, 4 August 2004 at INSURV's location, 2600 Tarawa Court, Suite 250, Norfolk, VA 23521-3295.



# Notional Key-Event Timeline



**Inspection** Communications (CC)

**Deck:**

**Major System:** HF Communications

- Ship Class:** DDG-51, CG-47  
**Subsystems/** AN/URT-23 HF Transmitter (9)  
**Components** AN/URA-38 Narrowband Transmitter Couplers (1)  
**(Qty):** AN/SRA-56 Wideband Transmitter Couplers (2)  
AN/SRA-57,58 Wideband Transmitter Couplers (1 each)  
R-1051, 2368 HF Receivers (17)  
AN/SRA-49 Receiver Couplers (1)

**Security** Top Secret

**Clearance:**

**Required Experience, Qualifications:**

5 years experience in operation and maintenance of U.S. Navy HF-communications equipment. Must be capable of verifying proper system alignment for various operating and test modes. Also must have practical experience with standard electronics test equipment including, but not limited to, spectrum analyzers, multimeters, audio-signal generators, and dummy loads. Experience in measurement of key equipment-operating parameter measurements is also required. Prior U.S. Navy electronics technician experience including pertinent Naval Enlisted Classification (NEC) certifications is strongly desired.

<u>Procedures:</u>	<u>Procedure Description</u>	<u>Source Document</u>	<u>Comments</u>
	Measure AN/URT-23 Power out and Frequency Accuracy	PMS 4413/4 S-5R (C2 DMW0 N)	
	Test AN/URT-23 Safety Interlock Switches	PMS 4413/4 A-22 (49 DMY7 N)	
	Measure AN/URT-23 Intermodulation Distortion	PMS 4413/4 18M-7 (52 FDK7 N)	
	Observe Antenna Coupler Group Pressure	PMS 4412/1 M-1 (43 BEG7 N)	Omit steps 1.a,b,e
	Test-Operate AN/URA-38 Coupler	PMS 4412/1 Q-1 (43 BQC0 N)	
	Test-Operate (Align for Operation) HF SRA-56,57,58 transmit couplers	CSOSS SP 1/XCOM II.K	
	Test-Operate (Align for Operation) HF SRA-49 Receive couplers	CSOSS SP 1/XCOM II.K	
	Measure HF Receiver sensitivity	PMS 4414/10 A-1 (52 EJA4 N)	

MI Tech-Assist Matrix---13 May 04

Create Tech Assist M

Deck	SYSTEM	AGF	AOE1	ARS	AS	CG47	CG52	CV	CVN	DD	DDG51 MI	DDG79	FFG	LCC	LHA	LHD	LPD	LSD	MCM	MHC	
AV	AESS							2	2						1	1					
AV	AIMD							1	1						1	1					
AV	Aircraft Elevators							2	2						1	1					
AV	ASIR	1	1			1	1			1	1	1	1	1			1	1			
AV	CAT & Arresting Gear							2	2												
AV	Crash and Salvage							1	1						1	1					
AV	JP5							2	2						2	2					
AV	RAST					1	1			1		1	1								
AV	VLA							2	2						2	2					
AS	CV ASW MODULE							1	1												
AS	MK 116					1	1			1	1	1									
AS	MK 309												1								
AS	SONAR AUX - AN/SLQ-25 NIXIE - AN/WQC-2 - Fathometer		1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
AS	Sonar Dome/SDPS					1	1			1	1	1	1								
AS	SQR 19/SQQ28					1	1			1	1	1	1								
AS	SQS-53					1	1			1	1	1									
AS	SQS-56												1								
AS	TORPS/MK32					1	1			1	1	1	1								
CC	Data Links - AN/URC-107 JTIDS/Link-16 - AN/USQ-118 Link 4A - AN/USQ-125 Link 11 - AN/UYQ-86 CDLMS	1				1	1	1	1	1	1	1	1	1	1	1	1	1	1		
CC	EMI / Antennas - EMI Visual Survey - RFR Hazards Visual Survey - Antenna TDR, VSWR, IR - IMI Measurement	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CC	EXCOMM	3	1	1	2	2	2	3	3	2	2	2	2	3	3	3	2	2	1	1	
CC	HF	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CC	Troop EXCOMM - AN/SRC-54 SINGARS - AN/KSQ-1 EPLRS - AN/SRC-57 DWTS															1	1	1	1		
CC	SATCOM TERMINALS - AN/WSC-6 SHF - AN/WSC-8 CA - AN/USC-38 EHF - AN/SSR-2 GBS antenna	1				1	1	1	1		1	1		1	1	1	1	1	1		
IS	ADNS/CENTRIXS/BFEM - AN/USQ-144 ADNS - AN/USQ-153A CENTRIXS - AN/UYQ-92 BFEM	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
IS	Tactical Applications - AN/USQ-119 GCCS-M - AN/USQ-152 TBMCs	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IS	Intelligence Applications AN/SYQ-23 JSIPS-N AN/SWQ-2 Afloat Planning System TOPSCENE Photo Lab	0						0	0					0	0	0					

MI Tech-Assist Matrix---13 May 04

Create Tech Assist M

Deck	SYSTEM	AGF	AOE1	ARS	AS	CG47	CG52	CV	CVN	DD	DDG51 MI	DDG79	FFG	LCC	LHA	LHD	LPD	LSD	MCM	MHC	
IS	ISNS NETWORKS AND APPLICATIONS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
IS	ISNS FIBER-OPTIC CABLE PLANT	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
IS	Metro - AN/UMQ-12 Radiosonde - AN/SMQ-11 METOC Satellite Rcvr - AN/UMK-4 NITES							1	1					1	1	1					
IS	ADMINISTRATIVE APPLICATIONS - AN/UYQ-158 NTCSS	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
IS	SSES/SCI Networks - AN/SSR-1 CDF - COBLU - AN/SYQ-6 BGPHEs - AN/USQ-144 SCI LAN	1				1	1	1	1	1	1	1		1	1	1					
MN	Acoustic, Magnetic, and Minesweeping winches/cranes and HPU (Note: 19)																			2	
MN	Multi-Purpose Crane (MPC) Note 17																				1
MN	Remote Minehunting System Note 3 - Launch/recovery and hydraulics - Data links, comms - Vehicles											3									
MN	Minesweeping Equipment - AN/SLQ-37 (Acoustic) - AN/SLQ-38 (Magnetic)																				1
MN	SLQ-38																				0
MN	SLQ-48																				1
MN	SQQ-32/OK 520																				1
MN	SSN-2																				1
MN	SYQ-13																				1
MN	WQN-1															0					0
NV	DSVL/DEML			1					1		1	1									
NV	IBS / SMART SHIP					1		1	1							1		1			
NV	Inertial Nav/WSN/Gyro/DR/UW Log	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
NV	NAVSSI					1	1		1	1	1	1							1		
OP	AEGIS COMP					1	1				1	1									
OP	AEGIS DISPLAY					1	1				1	1									
OP	Air Radar - AN/SPS-48 - AN/SPS-49	1				1	1	2	2	1			1			2	2	1	1		
OP	BFTT						1	1	1	1	1	1				1	1		1		
OP	CCA Radar - AN/SPN-35 (LHD/LHA) - AN/SPN-41 - AN/SPN 43 - AN/SPN-46 (CV/CVN)							2	2							2	2				
OP	CDS COMP	1						1	1	1			1	1	1	1					
OP	CDS DISPLAY							1	1	1			1		1	1					
OP	Elex Cooling	1	1	1	1	2	2	2	2	1	2	2	1	1	1	2	1	1			
OP	IFF	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OP	PCMS					2	2			2	2	2	2								
OP	EW Systems - AN/SLQ-32 - Mk 53 NULKA DLS Note 9		1			2	2	1	1	1	2	2	1	1	1	1	1	1			

Create Tech Assist M

MI Tech-Assist Matrix---13 May 04

Deck	SYSTEM	AGF	AOE1	ARS	AS	CG47	CG52	CV	CVN	DD	DDG51 MI	DDG79	FFG	LCC	LHA	LHD	LPD	LSD	MCM	MHC	
OP	SNAIAS (Cables)							1	1							1	1				
OP	SNAIAS (SRC-40)							1	1						1	1					
OP	SPY-1 Radar					1	1				1	1									
OP	SPY-1 Signal Processor					1	1				1	1									
OP	SRQ-4 LAMPS					1	1			1	1	1	1								
OP	SSDS Note 2																		1		
OP	Surface Radar	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0
OP	SYQ-17 RAIDS									1			1								
OP	TACAN/GPS/NAVTEX	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1	1		
OP	TAS		1					1	1	1					1	1					
OP	TPX-42							1	1						1	1					
OP	USG-2 CEC						1	1	1			1				1					
OP	THERMAL IMAG SENSOR SYS									0			0			0					
WP	CIWS Note 22	1	1			1	1	2	2	1	1	1	1	1	1	3	1	1			
WP	Elevator	1	4		4	1	1	4	4	1	1	1	1	1	2	2	2	2			
WP	Harpoon					1	1			1	1	1	0								
WP	Mag Sprink/Alarms		2		1	1	1	2	2	1	1	1	1		2	2	1	1			
WP	MHE		1		1			1	1						1	1	1				
WP	MK 13/26 Launcher					2							0								
WP	MK29 NSSMS Launcher		1					3	3	1						2					
WP	Mk 57 NSSMS FCS		1					2	2	1						1					
WP	ESSM (Evolved Sea-Sparrow Missile)										0	0									
WP	MK31 RAM For LSD's: Note 16								1	1					1	1		1			
WP	MK34 GFCS										1	1									
WP	MK38 Chain Gun		0			0	0				0	0		0	0	0		0			
WP	MK41VLS						2			1	2	2									
WP	MK45/76 Gun					1	1			1	1	1	1								
WP	MK86 GFCS/SPQ-9 For CVN: Note 2					1	1		1	1					1						
WP	MK92 CAS/STIR Director												1								
WP	Mk99 Aegis Fire-Control System					1	1				1	1									
WP	Tomahawk FCS (TWCS/ATWCS/TTWCS)						1			1	1	1									
WP	Toxic Vent Dampers/CSR					1	1			1	1	1									
AX	02 N2				1			1	1												
AX	AC&R Note 6	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
AX	Conveyors/Dumbwaiter Notes 1, 10, 21	1	1		1	1	1	2	2	1	1	1	1	1	1	1	1	1			

MI Tech-Assist Matrix---13 May 04

Create Tech Assist M

Deck	SYSTEM	AGF	AOE1	ARS	AS	CG47	CG52	CV	CVN	DD	DDG51 MI	DDG79	FFG	LCC	LHA	LHD	LPD	LSD	MCM	MHC
AX	De-Ballast Air Compressors Notes 6, 20														1	1	1	1		
AX	Diesel Inspector/Generators Note 6	0	0	1	0			0	0				1	0	0	0	0	1	1	1
AX	HP/LP Air/Dehydrators Note 6	0	0	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
AX	Sterngate	0													1	0	0	0		
EL	COTS SWBD/SSABT/MFM III Note 5											1								
EL	Syncamp/Announcing/Indicators/Alarms/Telephone Systems Note 22:	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	1	1
EL	Thermal Imager	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MP	ENG CONTROL CONSOLES			0																1
MP	Bleed Air					1	1			1	1	1	1							
MP	MGTI					1	1			1	1	1	1							
MP	Fiber-Optic Data Multiplex System											1								
MP	Propulsion Boilers (SGPI)	1						1	1					1	1	1	1	1		
MP	Steam Catapults							1	1											
DC	AFFF							3	3						3	3	0	0		
DC	CPS Note 14										1	1			1	1		1		
DC	CPS VENTILATION Note 14										1	1			1	1		1		
DC	Firefighting	1	1		1	1	1	3	3	1	1	1	1	1	2	2	1	1		
DC	Water-Tight Closures							2	2						1	1				
DK	Boat Davit Note 17	1	1	1	1			1	1					1	1	1	1	1		
DK	Boom			0																
DK	Cranes/Monorails/Hinged Ramps/Sideports/Boom	1	1	1	1			1	1						1	1	1	1		
DK	Diving			1	1															
DK	Monorail														0	0	0			
DK	Small Boat		0					0	0						0	0	0	0		
DK	Towing Machine			2																
DK	Unrep Gear		2					1	1						1	1				
DK	Well Deck/LCAC														0	0	0	0		
EP	OWS/Solid Waste NOTE 11	1	1	1	2	1	1	3	3	1	1	1	1	2	3	3	2	1	1	1
EP	Sewage System	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	1	1	1	1
VT	Ventillation (Except Gaylord) NOTE 12	2	2	2	3	2	2	5	5	2	2	2	1	3	4	4	3	3	1	1
HB	Habitability	2	0		1			3	3					1	1	1		0		
HB	Troop Habitability (Note 15)													2	2	2	2	2		

Create Tech Assist M

MI Tech-Assist Matrix---13 May 04

Deck	SYSTEM	AGF	AOE1	ARS	AS	CG47	CG52	CV	CVN	DD	DDG51 MI	DDG79	FFG	LCC	LHA	LHD	LPD	LSD	MCM	MHC
SP	Food Service (Electrical)		1		1	1	1	2	2	1	1	1	1	1	1	1	1	1		
SP	Gaylord Hoods		1		1	1	1	2	2	1	1	1	1	1	1	1	1	1		
SP	Laundry	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
SP	Supply/Storerooms		1		1			2	2					0	1	1				
VC	Visit Coordinator	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1		
<b>TOTALS</b>		<b>39</b>	<b>45</b>	<b>29</b>	<b>40</b>	<b>64</b>	<b>66</b>	<b>104</b>	<b>108</b>	<b>63</b>	<b>66</b>	<b>73</b>	<b>51</b>	<b>46</b>	<b>85</b>	<b>92</b>	<b>49</b>	<b>54</b>	<b>20</b>	<b>19</b>

- NT NOTE 1: For LCC's, requirement only applies to LCC-19.
- NT NOTE 2: As of 19 Feb 2004, NAVSEA EM-configuration website reported AN/SPQ-9 installed only on CVN-68,69,76. In preparing for MI's on CVN's 70-75, the assigned WP inspector will determine whether the system was backfitted on to these platforms.
- NT NOTE 3: Applies to DDG's 91-96
- NT NOTE 4: When GBS installed, AN/SSR-2 antenna system covered by EHF or SHF SATCOM tech and AN/FSR-7,8 broadcast manager is covered by either AN/USQ-144 ADNS tech or by AN/USQ-153 tech
- NT NOTE 1: For LCC's, requirement only applies to LCC-19.
- NT NOTE 2: As of 19 Feb 2004, NAVSEA EM-configuration website reported AN/SPQ-9 installed only on CVN-68,69,76. In preparing for MI's on CVN's 70-75, the assigned WP inspector will determine whether the system was backfitted on to these platforms.
- NT NOTE 3: Applies to DDG's 91-96
- NT NOTE 4: When GBS installed, AN/SSR-2 antenna system covered by EHF or SHF SATCOM tech and AN/FSR-7,8 broadcast manager is covered by either AN/USQ-144 ADNS tech or by AN/USQ-153 tech
- NT NOTE 5: Applies only to DDG-91 and later.
- NT NOTE 6:  
 → For CG, DD, LPD, LSD, 3 Uniform AX Inspectors are normally assigned. If only 2 are assigned to a specific MI, the recorder shall request one additional TA each for AC&R and HP/LP Air/Dehydrators. For LSD and LPD, one additional DBAC TA shall be requested.  
 → For ARS, DDG, LCC, MCM, and MHC, 2 uniform AX inspectors are normally assigned. If only one is assigned to a specific MI, the recorder shall request one additional TA each shall be requested for AC&R and HP/LP Air/Dehydrators. For LCC, MCM, and MHC, an additional Diesel-Engine Inspector shall also be requested.
- NT NOTE 7: Recorder to verify ICAS installed prior to tasking.
- NT NOTE 8: 2 Persons required on CVN 70 and above, 3 Persons required on CVN 69 and below.
- NT NOTE 9: Mk 53 NULKA Decoy Launch System is programmed for installation on all DDG's, CG's. A Mk 53 TA is required for platforms on which NULKA system is installed.
- NT NOTE 10:  
 Conveyors LHA: Includes Personnel-Casualty Elevator and Horizontal Conveyors  
 Conveyors LHD: Includes Personnel-Casualty Elevator  
 Conveyors LCC: Includes Cargo Elevators

Create Tech Assist M

MI Tech-Assist Matrix---13 May 04

Deck	SYSTEM	AGF	AOE1	ARS	AS	CG47	CG52	CV	CVN	DD	DDG51 MI	DDG79	FFG	LCC	LHA	LHD	LPD	LSD	MCM	MHC
------	--------	-----	------	-----	----	------	------	----	-----	----	----------	-------	-----	-----	-----	-----	-----	-----	-----	-----

- NT NOTE 11: When one tech is scheduled they must be qualified to conduct both the ows and solid waste inspections. If more than one tech is requested then one will conduct the solid waste inspection and the other(s) will conduct the ows inspection. Techs are expected to get underway (if not completed by COB Tuesday) and complete the inspection and provide deficiency (PRISMS) cards to the head EP inspector by the time the ship pulls back into port.
  
- NT NOTE 12: Ventilation techs must be qualified and capable to conducting ventilation analysis of the following areas: HAZMAT spaces, CHT, Welding hoods, laundry, medical, JP-5, galley/heads/water closets/shwrs/berthing, and fan rooms. Techs will be expected to get underway tne complete the inspection and provide deficiency (PRISMS) cards, and ventilation spread sheets. The lead FTSC person will be expected to provide the ventilation summary to the head OH inspector.
  
- NT NOTE 13: Diesel Inspector (Propulsion): 41 class only.
- NT NOTE 14: CPS and CPS Ventilation for the LSD C lass are only on LSD 44 and above.
- NT NOTE 15: Troop Habitability: If Marines not available, one FTSC tech required.
- NT NOTE 16: Not applicable to LSD's 36-39
- NT NOTE 17: Multi-purpose crane tech also inspects boat crane.
- NT NOTE 18: Infrared Steam Survey (LSD 36 Only)
- NT NOTE 19: Of the two techs assigned, one is for electrical and one is for mechanical.