

## **Integrated Logistics Support (ILS) Certification Preparation Guide Version 12.12.2001**

**Introduction.** This document is intended to be an informational guide to assist in the preparation of the ILS Certification Form. A unique ILS Certification Form is required for first time installations of Alterations, Alteration variants, and changes to a ship class. A separate ILS Certification Form for the same alteration **must** be submitted for each ship class unless the configuration and logistics products are identical for all installations. This ILS Certification Form allows for the identification of varying quantities of logistics products to be delivered based upon the capabilities of the specific platform. The purpose of the ILS Certification Form is to provide the Ship Program Manager (SPM) with a tool to assist them in ensuring that all areas of ILS have been considered and that proper measures have been taken to ensure the planned alteration is fully logistically supportable as directed by the CNO. This form **must** be submitted to the SPM in electronic format only.

The information required in many areas of the form is self-explanatory based on the heading. However, in order to receive a consistent level of information, this guide is provided to give the preparer an idea of what is required in each block. Any sections that are not applicable to the Alteration should be marked “N/A” vice being left blank.

### **General Guidance.**

This document is created as a MicroSoft Word document. Data entry areas are created as “Rows” and it is preferred that all element information be listed continuously in the document (ie., the use of continuation sheets are no longer desired). If additional space is needed in the template to enter the required information (eg., there are nine configuration items to identify but only five “Rows” for entry), additional “Rows” should be added by placing your cursor in the last row of the table, selecting “Table” on the Menu Bar, selecting “Insert Rows” and accept (press ‘enter’). The ‘Help’ function in Word will identify how to insert more than one (1) row at a time.

All “dates” should be entered in the DD MMM YYYY format, e.g., 15 JUL 2001.

SHIPALT Installation Drawing (SID) number/SID Item Number may or may not be available at the time the ILS Certification is developed. The SPM will determine the need for this information to be collected.

Alteration Material List (AML) is a term used to identify the Material provided for SHIPALTs. For other types of Alterations, the reference identifier of the applicable Alteration kit should be referenced.

### **Basic Header Data**

- Date ILS Certification Form is prepared and submitted.
- If revised, applicable date of revised submission.

- Identify the ship class, system/equipment designator (e.g., ORDALT, etc.) and Alteration number/title (e.g. CG47-0519K, OA 15936, etc.).
- Identify the Alteration type (Alteration types are: K Alt, K-P Alt, D Alt, F Alt, ORDALT, MACHALT, Alteration Equivalent to Repair (AER), Field Change (FC), Engineering Change (EC), Software Change, TEMPALT, Technical Instruction (TI) or other Alteration type)
- List the Alteration brief narrative. (e.g. AN/WSN-7, Ring Laser Gyro NAV). Note, this must match what is on the Alteration record/(and Justification/Cost Form (JCF) for SHIPALTs).
- List the purpose of the Alteration (must be identical to the JCF for SHIPALTs).
- List the Equipment Nomenclature and AML Item Number (only used for individual equipment certification).
- Identify “Yes” if there is an ILS impact or “No” if there is not an ILS impact as a result of this Alteration regardless of whether some of the equipment may already exist onboard, e.g., adding an additional Transmitter via this Alteration would impact Technical Manuals (TMs), etc. Any ILS element which does not apply to the end item (equipment/system) are to be marked “N/A”. Provide justification for “N/A” as appropriate.

## **SUPPLY SUPPORT REQUIREMENTS**

### **A. Support Requirements**

- Identify the Responsible Activity, Name, Code, Telephone Number and E-mail address of the individual(s) responsible for Supply Support requirements.
- Identify “Yes” or “No” if support is Commercial Off the Shelf (COTS)/Non-Developmental Item (NDI).
- Enter “Yes” or “No” to identify whether or not Provisioning Technical Documentation (PTD) has been procured or developed.
  - If “PTD procured” is yes, identify the date it was submitted to NAVICP.
  - If “PTD procured” is no, provide a brief rationale and/or estimated completion/submission date.
  - Identify the NAVICP point of contact (Name, Code, Phone and E-mail Address) that is working the PTD package(s).
- Identify “Yes” or “No” whether or not a Preliminary Allowance List (PAL) has been developed for use in the interim until fully provisioned Allowance Parts Lists (APLs) are completed.
- Identify “Yes” or “No” to indicate if you have planned for procurement of parts to replenish shipboard spares (wholesale stock).
- Identify “Yes” or “No” to indicate if Program Support Data (PSD) information has been provided to NAVSEA 04 for inclusion in the PSD Automated Reporting and Tracking System (PARTS).
  - Identify the date PSD information initialized in PARTS.
  - Identify if the installation schedule has been maintained and is current.
  - If PSD has not been established, provide a brief rationale and an estimated date PSD will be initiated.

- Indicate if Installation and Checkout (I & C) kits are required, “Yes” or “No”. I & Cs can be defined as tools, hardware and spare or repair parts provided with the equipment to be used in the installation and checkout of the equipment.
- Identify “Yes” or “No” to indicate if there are Intermediate and/or Depot level support requirements.
  - If “yes”....self explanatory.
  - If “no”....self explanatory.
  - Point of Contact....self explanatory.

## **B. Configuration Identification**

*This section is used to list the systems and equipment being installed or modified by the Alteration and their respective APLs. All equipment and their respective APLs (including system level APLs, 89000 Series APLs, X-Repairable Identification Codes (XRICs) and Allowance Equipage Lists (AELs)) should be listed regardless of their impact on shipboard spares.*

- Identify the Responsible Activity, Name, Code, Telephone Number and E-mail address of the individual(s) responsible for developing and submitting configuration data.
- Identify “Yes” or “No” to indicate if configuration data has been entered into the Configuration Data Managers Database-Open Architecture (CDMD-OA).
  - If not entered, identify the estimated date the configuration will be entered.
  - If not being entered into CDMD-OA, provide a rationale why it will not be entered.
- Identify “Yes” or “No” to indicate if there is any Software included in this alteration.
  - Identify the Software Version and Date of the Version.
- **List each configuration worthy item from the AML. (See the “General Guidance” section above for instructions for adding additional rows.)**
  - SID Number/SID Item Number. List the SHIPALT Installation Drawing (SID) number(s) and SID Item number(s) of the equipment/component for which Configuration Identification is required.
  - AML Item Number. List the AML Item Number(s) of the equipment/component for which Configuration Identification is required.
  - For each equipment listed, identify all associated APLs/PALs/AELs/Allowance Components Lists (ACLs). Identify AEL to support Tools and Test Equipment delivered in support of the equipment installed by the Alteration.
  - For each equipment listed, identify the National Stock Number (NSN). If the NSN is not available, list the Commercial and Government Entity (CAGE) code/ Part Number.
  - List all of the equipment nomenclature(s) based on the above parameters.
  - For each equipment listed, identify the Material Support Date (MSD) or Performance Based Logistics (PBL) date.
  - If there are variations in the quantity of an item required to accomplish the alteration on specific Hull(s), list those selected Hull(s).

### **C. On Board Support Items**

*On board support items consist of storeroom items (SRI), on board repair parts (OBRPs), operating space items (OSI) and consumable items listed in the applicable shipboard allowance documents to be carried on board either in the Supply Officer's storeroom or appropriate Work Center and utilized in the support/repair of installed equipment. Identify in the "Remarks" section, any item requiring special stowage requirements, e.g., classified material, size, etc.*

- Identify "Yes" or "No" to indicate whether or not On Board Support Items are required.
  
- **List each On Board Support item that will be delivered to the ship.** Note that wholesale stock items that are not provided to the ship as initial outfitting items should not be listed. (See the "General Guidance" section above for instructions for adding additional rows.)
  - SID Number/SID Item Number. List the SID number(s) and SID Item number(s) of the equipment/component for which the On Board Support Item is provided.
  - AML Item Number. List the AML Item Number(s) of the equipment/component for which repair parts are being provided.
  - List the number of the APL/PAL/AEL upon which the On Board Support Item is listed.
  - For each equipment, list all the required On Board Support Items by NSN or Part Number/CAGE if NSN is not available.
  - List the On Board Allowance (OBA) quantity for each of the On Board Support Items identified. Only list those items procured and will be "pushed" to the ship. Requirements to be satisfied from items that have reached Navy Support (or the approved MSD) and filled from the applicable Item Managers system stock do not need to be identified.
  - List all equipment nomenclatures that require On Board Support Items.
  - List the MSD or PBL date that was negotiated between the Life Cycle Manager (LCM) and NAVICP that identifies when this equipment will be supported by the supply system. List "N/A" for consumable items.
  - If there are variations in the quantity of an item required to accomplish the alteration on specific Hull(s), list those selected Hull(s).
  
- Identify "Yes" or "No" to indicate whether or not the items are part of a Pack-up-Kit (PUK) or similar type of support kit. This would include items that would be delivered to one platform or support a 'group' of deployed ships (e.g., provided to the CG to support a Battlegroup). Identify in the "Remarks" section, the function of the 'Pack-up' kit.

### **D. Maintenance Assistance Modules (MAMs)**

*MAMs are determined to be remove-and-replace items (generally circuit card assemblies) used for diagnostic purposes in performing corrective maintenance on equipment.*

- Identify "Yes" or "No" to indicate whether or not MAMs are required.
  - If MAMs are not required, identify if you can fault isolate down to the Lowest Repairable Unit (LRU). Identify "Yes" or "No" as applicable.

- **List each MAM that will be delivered to the ship.** (See the “General Guidance” section above for instructions for adding additional rows.)
  - SID Number/SID Item Number. List the SID(s) and SID Item Number(s) of the equipment/component(s) for which the MAM is provided.
  - AML Item Number. List the AML Item Number(s) of the equipment/component for which MAMs are being provided.
  - List the number of the APL/PAL upon which the MAM is listed.
  - For each equipment, list all the required MAMs by NSN or Part Number/CAGE if NSN is not available.
  - List the On Board Allowance (OBA) quantity for each of the MAMs identified.
  - MAMs are stowed in the operating space of the ship vice in the storeroom. Identify the storage location of the MAM(s), down to the operating space number, cabinet number, drawer, slot, etc.).
  - Identify the estimated/available date for the required MAM(s).
  - If there are variations in the quantity of an item required to accomplish the alteration on specific Hull(s), list those selected Hull(s).

**E. Hazardous or Flammable Material**

- Indicate “Yes” or “No” to indicate whether or not there is any hazardous or flammable material required to support this equipment.
- **List all HAZMAT that will be delivered to the ship.** (See the “General Guidance” section above for instructions for adding additional rows.)
  - SID Number/SID Item Number. List the SID number(s) and SID Item Number(s) of the equipment/component for which the HAZMAT is provided.
  - AML Item Number. List the AML Item Number(s) of the equipment/component for which the HAZMAT is being provided.
  - Identify the Hazardous or Flammable material by listing the NSN and item nomenclature.
  - Identify any special stowage or handling requirements for the material identified.

**Remarks on Supply Support Requirements Elements**

- Enter any amplifying information on the Supply Support Requirements in the “Remarks” section.

**TECHNICAL MANUAL REQUIREMENTS**

- Identify the Responsible Activity, Name, Code, Telephone Number and E-mail address of the individual(s) responsible for Technical Manual requirements.
- Indicate “Yes” or “No” to indicate whether or not there are any TM/TM Changes/Revisions required to support this equipment.

- **List each TM requirement that will be delivered to the ship.** (See the “General Guidance” section above for instructions for adding additional rows.)
  - SID Number/SID Item Number. List the SID number(s) and SID Item Number(s) of the equipment/component for which the Technical Manual(s) supports.
  - AML Item Number. List the AML Item Number(s) of the equipment/component for which the Technical Manual supports.
  - Technical Manual Identification Number (TMIN)/Interactive Electronic Technical Manual (IETM) Number: These are the only acceptable identifiers for TMs. List all applicable TMIN or IETM Numbers. Each manual listed should cross to the equipment listed in the Alteration material list. Note, if the TM is not available at the start of the availability/install, identify what type of interim product will be provided. COTS manuals must have TMINs assigned. TMINs can be obtained by contacting Naval Sea Data Support Activity (NSDSA) (Code 5E30) at (805) 228-7468.
  - List the title of the TM that corresponds to the TMIN/IETM number previously identified.
  - Identify “existing”, “develop”, “change” or “revision” of the type of TM documentation required to support the alteration.
  - Identify the estimated/completion date if the TM is being developed, changed or revised.
  - If there are variations in the quantity of an item required to accomplish the alteration on specific Hull(s), list those selected Hull(s).
- Identify “Yes” or “No” to indicate whether or not the TMs are in final form. If TMs are not final prior to the first installation, identify the type of interim product that is available and will be provided to the ship (e.g., “red-lined”, preliminary TM, etc.). List, in the “Remarks” section, those TMs that will have interim products provided and the type of product provided.

**Remarks on Technical Manual Requirements**

- Enter any amplifying information on the Technical Manual Requirements in the “Remarks” section.

**MAINTENANCE PLANNING REQUIREMENTS**

- Identify the Responsible Activity, Name, Code, Telephone Number and E-mail address of the individual(s) responsible for Maintenance Planning requirements.

**A. Planned Maintenance System (PMS)**

- Identify “Yes” or “No” to indicate whether or not PMS requirements are impacted. If “yes”, the ship’s List of Effective Pages (LOEP) will still have to be updated with Maintenance Index Page (MIP)/ Maintenance Requirements Cards (MRC) application.

- Identify “Yes” or “No” to indicated whether or not the MIPs/ MRCs have been validated and are available. If MIPs/MRCs are not final prior to the first installation, identify the type of interim product that is available and will be provided to the ship (e.g., “MRC Facsimile, TM or Manufacturer’s Operating Procedures Manual). List, in the “Remarks” section, those PMS requirements that will have interim products provided and the type of product provided.
- **List each PMS requirement that will be delivered to the ship. (See the “General Guidance” section above for instructions for adding additional rows.)**
  - SID Number/SID Item Number. List the SID number(s) and SID Item Number(s) of the equipment/component for which the PMS supports.
  - AML Item Number. List the AML Item Number(s) of the equipment/component for which PMS is required.
  - List the type of PMS documentation (MRC and/or MIP) affected.
  - List the identification number of the affected MIPs or MRCs.
  - Identify if the affected MIPs or MRCs are “existing, new, changed or revised”.
  - Identify the estimated date that the affected MIPs or MRCs will be completed. If the MIP and/or MRC is already complete, identify as “N/A” in the “Estimated Completion Date” field.
  - If there are variations in the quantity of an item required to accomplish the alteration on specific Hull(s), list those selected Hull(s).

**B. Integrated Class Maintenance Plan (ICMP)/Class Maintenance Plan (CMP)**

*The ICMP contains Depot level maintenance tasks, Intermediate Maintenance Activity (IMA) tasks, and a few Organizational level tasks requiring off ship maintenance. The ICMP also includes mandated maintenance requirements. ICMPs are applicable to surface ships only; aircraft carriers and submarines use the CMP. CMPs are under the cognizance of SUPSHIP Newport News for aircraft carriers whereas the Submarine Maintenance, Engineering, Planning and Procurement (SUBMEPP) activity manages the submarine CMPs.*

- Identify “Yes” or “No” to indicate whether or not the ICMP/CMP is impacted.
- If yes, identify “Yes” or “No” to indicate if the Maintenance Change Request has been submitted via the NAVSEA 04 ICMP web page. If a Maintenance Change Request is required but has not been submitted, use the underlined web link to go to the NAVSEA 04 ICMP web page at <http://www.webdb.nslc.fmso.navy.mil/icmp.nsf> (for surface ships only) to submit the Maintenance Change Request.
- **List each ICMP requirement. (See the “General Guidance” section above for instructions for adding additional rows.)**
  - SID Number/SID Item Number. List the SID number(s) and SID Item Number(s) of the equipment/component for which the ICMP supports.
  - AML Item Number. List the AML Item Number(s) of the equipment/component for which a new or revised ICMP task is required.

- List the identification number of the affected ICMP task.
- Identify if the affected ICMP task is existing, new or revised. All ICMP changes must be submitted by a Maintenance Change Request via the NAVSEA 04 ICMP web page as indicated above.
- Identify the estimated/completion date the affected ICMP task will be available.
- If there are variations in the quantity of an item required to accomplish the alteration on specific Hull(s), list those selected Hull(s).

### **C. Technical Repair Standard (TRS)/Maintenance Standard (MS)**

*Standards contain specific critical procedures, examinations, tests, acceptance criteria and replacement parts information for the overhaul/reconditioning of a system, equipment, or component.*

- Identify “Yes” or “No” to indicate whether or not the TRS/MS is impacted.
- **List each TRS or MS requirement that will be delivered.** (See the “General Guidance” section above for instructions for adding additional rows.)
  - SID Number/SID Item Number. List the SID number(s) and SID Item Number(s) of the equipment/component for which the TRS/MS supports.
  - AML Item Number. List the AML Item Number(s) of the equipment/component for which the TRS/MS supports.
  - TRS/MS Identification Number. List all applicable TRS/MS Numbers. Each manual listed should cross to the equipment listed in the Alteration material list.
  - List the title of the TRS/MS that corresponds to the TRS/MS identification number previously identified.
  - Identify “existing”, “develop”, “change” or “revision” of the type of TRS/MS documentation required to support the alteration.
  - Identify the estimated/completion date if the TRS/MS is being developed, changed or revised.

### **D. Intermediate and/or Depot Level Maintenance Requirements**

*Intermediate maintenance is maintenance/repair that is required to be performed at a Intermediate Maintenance Activity (IMA) or Shore IMA (SIMA). Depot level maintenance is extensive maintenance/repair that is required to be performed by an authorized repair activity (e.g., Organic (shipyard) or Original Equipment Manufacturer (OEM)).*

- Identify “Yes” or “No” to indicate whether or not there are any Intermediate or Depot Level maintenance requirements for the equipment being installed.
  - If “yes”, provide the date for the establishment of the requirements.
  - Identify the Responsible Activity, Name, Code, Telephone Number and E-mail address of the individual(s) responsible for the Intermediate and Depot Level requirements.

### **Remarks on Maintenance Planning Requirements**

- Enter any amplifying information on the Maintenance Planning Requirements in the “Remarks” section.

### **SUPPORT AND TEST EQUIPMENT REQUIREMENTS**

- Identify the Responsible Activity, Name, Code, Telephone Number and E-mail address of the individual(s) responsible for Support and Test Equipment requirements.
- Identify “Yes” or “No” to indicate whether or not the system/equipment being installed uses any Built-in-Test (BIT)/Built-in-Test Equipment (BITE) for fault isolation.
- Identify “Yes” or “No” to indicate whether or not the system/equipment being installed requires any support and/or test equipment for shipboard maintenance.
- Enter “Yes” or “No” to indicate if the Ships Portable Electrical/Electronic Test Equipment Requirements List (SPETERL) input has been submitted to NSW IHD Detachment Earle for the General Purpose Electronic Test Equipment (GPETE)/Special Purpose Electronic Test Equipment (SPETE) equipment identified above. If the input has not been provided, identify in the “Support and Test Equipment Remarks” block the Responsible Activity, Name, Code, Telephone Number and E-mail address responsible for submitting this input.
- **List each Support and Test Equipment requirement. (See the “General Guidance” section above for instructions for adding additional rows.)**
  - SID Number/SID Item Number. List the SID number(s) and SID Item Number(s) of the equipment/component for which the Support and Test Equipment supports.
  - AML Item Number. List the AML Item Number(s) of the equipment/component for which Support and Test Equipment is required.
  - Identify the type of Support and Test Equipment required, i.e., General Purpose Test Equipment, Special Purpose Test Equipment, Support Equipment (i.e., special tools/handling equipment), etc.
  - Identify the equipment nomenclature of the respective Support and Test Equipment.
  - List the applicable APL and/or AEL for the Support and Test Equipment provided.
  - List the Sub-Category (SCAT) code (if SCAT is not available list the NSN) for any of the equipment identified.
  - List the quantity of each item provided.
  - If Support or Test Equipment is required but is not available, list the estimated availability date.
  - If there are variations in the quantity of an item required to accomplish the alteration on specific Hull(s), list those selected Hull(s).

### **Remarks on Support and Test Equipment Requirements**

- Enter any amplifying information on the Support and Test Equipment Requirements in the “Remarks” section. Also, identify any GPETE or SPETE that will not be available prior to

installation and indicate when it will be provided. In addition, identify the required information if SPETERL input has not been submitted to NSWC IHD Detachment Earle.

### **TRAINING REQUIREMENTS**

*Informal Training: Training that is provided that is not based on formal written curricula. This training is often provided by the installation team as part of the shipboard installation process.*

*Formal Training: Training that has been developed and documented in a formal training plan or curricula. This training is normally provided as factory training or at a formal land based training site and is designed to train replacement personnel.*

*Initial (Differences) Training: A term generally used to denote operator and maintenance training resulting from the installation of new equipment, given to ships force who have already completed formal training requirements on equipment being replaced or the system being modified.*

*Follow-on Training: Training that is required after the completion of Initial Training. This is training that has been developed and documented in a formal training plan or curricula. This training is normally provided at a formal land based training site and is designed to train replacement personnel.*

*Responsive Training: Unscheduled, instructor-led training at a formal Navy school, often tailored to meet the specific needs of a ship or command and provided in response to the fleet's request in order to meet/answer know and/or real-time deficiencies.*

*Ready for Training (RFT) Date: The date that formal training can be provided. This requires the training equipment to have been installed/modified and formal curriculum developed and delivered to the training site to support training.*

- Identify the Responsible Activity, Name, Code, Telephone Number and E-mail address of the individual(s) responsible for Training requirements.

#### **A. Training Requirements**

- Identify “Yes” or “No” to indicate whether or not the system/equipment being installed has any Training requirements.
- Identify in the “Remarks” section how operator and maintenance training will be provided to shipboard personnel and depot level personnel if formal training is not available prior to the first installation.
- Identify the Navy Training System Plan (NTSP) number that identifies the Training requirements for the equipment/systems installed by this Alteration. If no NTSP exists enter "N/A".

## **B. Initial Training**

- Identify “Yes” or “No” to indicate whether or not the system/equipment being installed has any Initial Training requirements.
- **List each Initial Training requirement.** (See the “General Guidance” section above for instructions for adding additional rows.)
  - SID Number/SID Item Number. List the SID number(s) and SID Item Number(s) of the equipment/component for which the identified Training supports.
  - AML Item Number. List the AML Item Number(s) of the equipment/component for which the identified Training supports.
  - Identify the Course Number and Title of each required course.
  - Identify the location where training will occur for each course listed.
  - Identify the Trainers impacted at the Navy Training Facility.
  - Enter the duration (in hours, days, etc.) of each course identified.
  - List the Navy Enlisted Classification (NEC) code identified for operation and maintenance of the equipment.
  - Identify the applicable Rating/Rate(s) required for the Training.
  - Identify the number of personnel required to be trained per ship in support of the equipment installed by this Alteration.
  - Identify the date the Training product is expected to be available for training.
  - If there are variations in the quantity of an item required to accomplish the alteration on specific Hull(s), list those selected Hull(s).

## **C. Follow-on Training**

- Identify “Yes” or “No” to indicate whether or not the system/equipment being installed has any Follow-on Training requirements.
  - If “Yes”, identify how the Follow-on Training will be identified. Briefly describe what plans have been made to update the training system to support the equipment installed by this Alteration. The training system includes curriculum, visual aides, technical data, initial spares, special tools, test equipment and, when appropriate, installation at the training activity.
- **List each Follow-on Training requirement.** (See the “General Guidance” section above for instructions for adding additional rows.)
  - SID Number/SID Item Number. List the SID number(s) and SID Item Number(s) of the equipment/component for which the identified Follow-on Training supports.
  - AML Item Number. List the AML Item Number(s) of the equipment/component for which the identified Follow-on Training supports.
  - Identify the Course Number and Title of each required course.
  - Identify the location where training will occur for each course listed.
  - Identify the Trainers impacted at the Navy Training Facility.

- Enter the duration (in hours, days, etc.) of each course identified.
- List the NEC code identified for operation and maintenance of the equipment.
- Identify the applicable Rating/Rate(s) required for the Training.
- Identify the number of personnel required to be trained per ship in support of the equipment installed by this Alteration.
- Identify the date the Training product is expected to be available for training.
- Identify the Ready for Training (RFT) date for the location/course listed.
- If there are variations in the quantity of an item required to accomplish the alteration on specific Hull(s), list those selected Hull(s).

**D. Job Qualification Requirements (JQRs)/Personnel Qualification Standards (PQS) Training Requirements**

- Identify “Yes” or “No” to indicate whether or not the system/equipment being installed has any JQR/PQS requirements.

**PQS:**

*A compilation of the minimum knowledge and skills that an individual must demonstrate in order to qualify to stand watches or perform other specific routine duties necessary for the safety, security, or proper operation of a ship, aircraft, or support system.*

- **List each PQS requirement.** (See the “General Guidance” section above for instructions for adding additional rows.)
  - Enter the number assigned to to the specific PQS. This number can be obtained from CNET website (<http://www.cnet.navy.mil/netpdtc/pqs/default.htm>).
  - Enter the title associated with the PQS/NAVEDTRA number.
  - Identify the individual/person responsible for keeping the requirements current.
  - Identify the date the PQS was developed or revised.
  - Briefly describe the functions of the PQS.

**JQRs:**

*These are the minimum requirements to qualify repair personnel for safely and effectively performing the maintenance process.*

- **List each JQR requirement.** (See the “General Guidance” section above for instructions for adding additional rows.)
  - Enter the number assigned to to the specific JQR.
  - Enter the title associated with the JQR number.
  - Identify the individual/person responsible for keeping the requirements current.
  - Identify the date the JQR was developed or revised.
  - Briefly describe the functions of the **JQR**.

## **E. Additional Training Products**

- **List each Additional Training Product that will be delivered.** (See the “General Guidance” section above for instructions for adding additional rows.)
  - SID Number/SID Item Number. List the SID number(s) and SID Item Number(s) of the equipment/component for which the identified Training product supports.
  - AML Item Number. List the AML Item Number(s) of the equipment/component for which the identified Training product supports.
  - Identify the Product identification number of the item listed.
  - Provide a brief description of the product listed.
  - Identify the format/type (e.g., Computer Based Training (CBT), Audio product, etc.) of the product listed.
  - Identify the date the Training product is expected to be available for training.
  - If there are variations in the quantity of an item required to accomplish the alteration on specific Hull(s), list those selected Hull(s).

### **Remarks on Training Requirements**

- Enter any amplifying information on the Training Requirements in the “Remarks” section.

## **PROPOSED INSTALLATION SCHEDULE**

This section is used to list the planned installation schedule for the hulls identified as applicable in this Alteration. Note, it will not be necessary to update the proposed installation schedule once the ILS Certification Form has been approved.

- List the Ship Class this alteration is applicable.
- Identify the hull this Alteration will be installed in as a backfit installation.
- Identify the fiscal year and quarter the associated hull is planned for start of installation.
- For those Alterations installed temporarily (TEMPALTs) and as such planned for scheduled removal, identify the fiscal year and quarter the Alteration equipment/component will be removed.

## **ILS CERTIFICATION FORM SIGNATURE PAGE**

- Fill “Basic Header Data” in accordance with the guidance provided in the first section of this Guide. If this ILS Certification is being submitted for multiple ship classes, then each applicable SPM must endorse/sign the ILS Certification Form.
- All applicable approval fields are to be filled in with the requested information.
  - Identify any ILS product that will not be available by the start of the installation and/or delivered by the end of the installation and provide the date the product(s) will be available for delivery to the affected ship.