**FORMAT FOR SUBMARINE QA PRE-UNDERWAY CHECKLIST**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SSGN, SSBN, SSN \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | | | | | | | **Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | | |
| **URO Review (\*with ISIC) (48-24 Hours Prior to Underway)**  (init) | | | | | | | | | | | | | |
|  | | All URO Data for UROs done for periodicity received and reviewed. | | | | | | | | | | | |
|  | | No URO will become due prior to next scheduled INPORT period with the exception of a scheduled URO-22 rise blow. | | | | | | | | | | | |
|  | | Plan approved to complete UROs due next INPORT, availability or underway (e.g. URO 022 rise blow). | | | | | | | | | | | |
|  | | \* URO Schedules and Inventories are up to date. | | | | | | | | | | | |
|  | | Retests to certify URO parameter due to maintenance reviewed by QAO or Department Head. | | | | | | | | | | | |
|  | | \* Latest URO MRC Change on hand and verified current. Latest Change \_\_\_\_\_\_\_. | | | | | | | | | | | |
|  | | \* Review SUBMEPP URO and HIPs web site and the Schedules and Inventories to verify no URO or HIPs (as applicable) are due or will become due prior to return to port (This review is to be completed by the URO-PMR Coordinator and ISIC QAO). | | | | | | | | | | | |
| **Other Reviews (48-24 Hours Prior to Underway)** | | | | | | | | | | | | | |
|  | | **REC** Exception Binder, including QA-11A, updated for work performed this availability. | | | | | | | | | | | |
|  | | No underway limiting OSARs exist or any underway limiting OSAR has been adjudicated via an approved DFS. In addition to OSARs that may impose operational limitations for ships at sea, all deficiencies documented in an OSAR that require a DFS per Chapter 8 of this Volume are considered underway limiting. | | | | | | | | | | | |
|  | | No outstanding Audit, Assessment or Survey ICARS (CAT 1) exist \_\_\_\_\_\_. No overdue AS&E responses due. Next report of corrective actions due: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. | | | | | | | | | | | |
|  | | DEI date\_\_\_\_\_\_\_, next DEI due date (18 months) \_\_\_\_\_\_ (DFS\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_), Major Deficiencies corrected or not due (30 days and No RBOs). | | | | | | | | | | | |
|  | | **The ship’s QAO shall complete a QA Pre-Underway Checklist with the ISIC QAO.** | | | | | | | | | | | |
|  | | Designated SOC Ships - If Manned Operations are scheduled, verify no SOC PMRs will become due prior to Manned Operations. Perform the PMR or submit a major DFS if the PMR will come due during scheduled manned operations. | | | | | | | | | | | |
|  | | Verify there is no rescue seating surface (Escape Trunks, Logistics Escape Trunk and Lockout Trunks) Periodic Maintenance Requirements (PMRs) that will become due prior to underway. Perform the PMR or submit a major DFS if the PMR will come due during underway. | | | | | | | | | | | |
|  | | Ship’s QAO shall review MIP/MRC data sheets for each Rescue Seating Surface (RSS). Document any discrepancies on a Minor DFS (one per RSS), approved per part I, chapter 8 of this volume. | | | | | | | | | | | |
|  | | Ship’s QAO shall review CSMP deficiencies for submarine escape components (e.g., IPHO and intensifier system; SCV, HIS, and AVV valves; sea sensing line; escape trunk and cavity drain and strainer or orifice; or upper hatch hydraulic hand pump (688CL only)). Document any discrepancies on a Minor DFS (one per compartment), approved per part I, chapter 8 of this volume. | | | | | | | | | | | |
|  | | **The ship’s QAO will be relieved on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (DD MMM YYYY)** | | | | | | | | | | | |
| **QA-11 Log Review** (Within 24 Hours of Underway) | | | | | | | | | | | | | |
|  | | FMA QA-11 Log Closed | | |  | Ship’s QA-11 Log Closed Out | | | |  | | DDS QA-11 Log Receivedand Closed Out | |
| **Custody Transfers** (Within 24 Hours of Underway) | | | | | | | | | | | | | |
|  | | DDS Custody Transfer Msg or letter Received or Issued. | | | | | | | | | | | |
|  | | Copy of DDS Continuity Message or Letter received following installation or removal received and reviewed. | | | | | | | | | | | |
| **DFS Review** (includes waiver and deviations) (Within 24 Hours of Underway) | | | | | | | | | | | | | |
|  | | No active DFS will expire prior during the ship’s scheduled underway period without an approved plan to clear or extend the DFS to support ship’s schedule. | | | | | | | | | | | |
|  | | All SUBSAFE, SOC, or FBW-SCS AT-SEA TESTING departures verified against Continuity Letter. | | | | | | | | | | | |
|  | | Ship has completed DFS to JCN audit. | | | | | | | | | | | |
|  | | All identified non-conformances adjudicated (no outstanding DFS awaiting approval). | | | | | | | | | | | |
|  | | Verify all CSMP entries are properly documented per references (q) and all SUBSAFE, Fly-by-Wire and DSS-SOC deficiencies are either cleared or documented on an approved DFS. The Ship’s QAO will use the current maintenance management tool for this review and report completion to ISIC QAO prior to ship’s underway. Submarine Maintenance Coordinator will use the shore based CSMP for this review and report completion to ISIC Material Officer and ISIC QAO prior to ship’s underway. | | | | | | | | | | | |
| **Continuity Letters, Certification or Completion Letter** Separate letters required from each activity performing SS, SOC, FBW-SCS SFCC work on ship system. For DDS installation or removal (only), Ship’s Continuity Letter issued as USER and Sustaining Activity. | | | | | | | | | | | | | |
|  | Lead NSA CERT (PHNSY/ PSNS/PNSY/NNSY) | |  | EB/SOSG (SS/FBW) | | |  | NGNN/SOSN (SS/FBW) | | |  | | OII/NSWCCD (SS/FBW) |
|  | Lead FMA/RMC | |  | EB/SOSG (SOC) | | |  | NGNN/SOSN (SOC) | | |  | | OII/NSWCCD (SOC) |
|  | FMA/RMC | |  |  | | |  | Ship (SS or FBW) Continuity letter | | |  | | Ship (SOC) Continuity letter |

Blue text can be tailored to list the regional activities.