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| **PHASE 2. MISSION PLANNING** | |
| **Task** | **Description** |
| Pre-deployment | Mobilisation and configuration of equipment |
| Pre-launch | Detailed operation planning and system |
| **Activities** | **Remarks** |
| What is the method of launch? | Crane operation? Is there a vessel specific launch and recovery system? |
| Names of personnel involved including names to tasks/responsibilities | Are they SQEP?  Are they in a fit state, (any illnesses)? Drug and alcohol policy? |
| Operation planning | Vessel route planned, transit areas identified, watch routine established Timings of key phases for the pre-launch  Give a summary of the pre-launch to the team Necessary liaison complete?  External support in place? |
| Remote control centre set up and all comms/systems check complete? |  |
| Communications check between main RCC and mobile support control centre? *(if applicable)* |  |
| Who has control during the launch? | Support team or main control? Establish handover procedures |
| Payload checks | Checklist/SOPs Pre Sea Checks in accordance with approved check list; Check data/control links, communications, sensors, propulsion, and steering, etc |
| Necessary liaison complete? |  |
| **PHASE 3. MISSION EXECUTION – VESSEL DEPLOYMENT, LAUNCH AND TRANSIT** | |
| **Task** | **Description** |
| Deployment | Deploy equipment to operational area by rail, road, air, sea |
| Launch / cast off | In water launch or cast off of MASS from mother ship or from shore side, including lifting operations. |
| Post Launch | n In water equipment checks prior to transit including:  n Propulsion and steering;  n Communications links;  n MASS Health / BITE status;  n Emergency procedures and functionality of fail-safe equipment. |
| Operation Conduct | Operation phase which will continue until the planned operation end time is reached or the operation is aborted. The operation may consist of one or several tasks and is highly dependent on the application. The operation may include re-planning, that is modification of the pre-launch operation plan, either automatically or commanded by the RCC. The operation may include deployment of other vehicles that perform their own operation. Will include handling of incidents (via the RCC) that occur during the operation. |
| **Activities** | **Remarks** |
| Establish Mission distance and duration |  |
| Determine departure timing |  |
| Ascertain Transit WPs |  |
| Determine ETA’s |  |
| Establish Team numbers/skills requirement |  |
| External Support? |  |
| Forecast Expected weather and sea states |  |
| Identify any handover Lat/Long |  |
| Establish the handover procedures to main control if escorted or manned transit. |  |
| Brief all involved regarding actions for Abnormal or Emergency operations |  |

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