|  |  |
| --- | --- |
| **Line/unit/ location/ VOC** |   |
| Initiator name  |   |
| **Missions Requirements** |   |
| Current and Potential Missions (i.e. trawl, dive ops…) |   |
| Other similar NOAA operations / reference platforms  |   |
| Replaces / augments existing boat (add boat name if applicable) | Yes/NO |
| Addresses current deficiencies/ risks/ mission limitations (list them) |   |
| **Operations Requirements** |   |
| **A.      Performance Criteria** |   |
| Max / Min speed |   |
| Range/ Endurance |   |
| Max Sea & Wind State endurance |  |
| **B.      Physical Constraints / Preferences** |   |
| Length/ Beam/ Height/ Draft |   |
| Weight |   |
| Trailerable |   |
| Beach landing |   |
| Hull Material |   |
| Maneuverability (good/poor/unknown) |   |
| **C.      Operational Area** |   |
| Region/ Seasons the boat is operational |   |
| Max distance from Shore |   |
| **D.      Personnel Onboard - Capacity** |   |
| Crew Capacity |   |
| Scientists Capacity |   |
| Operator Qualifications |   |
| Existing Operator or training required |   |
| **E.      Deck or Mission Equipment (if applicable)** |   |
| Included in design or add on |   |
| Type / SWL |   |
| Lifting devices, J Frame, A Frame |   |
| Winches |   |
| Power source |   |
| Towing |   |
| Launches |   |
| **F. Design / suitability / stability evaluations** |   |
| Has design been evaluated in its final configuration |   |
| Have operating limits been established |   |
| **G.       Accommodations / Configuration (if applicable)** |   |
| Deck space |   |
| Cabin space |  |
| Lab Space |  |
| Berthing |  |
| Pilot House |  |
| Head type |  |
| Galley |  |
| **J.        Trailer Requirements** |  |
| Is the trailer matched to vessel as a package |   |
| Tow vehicle requirements |  |
| **K.        Mission Gear and Supplies** |   |
| Has an inventory list been developed |   |
| Spare parts |  |
| Repair and maintenance |  |
| **L.      Management Resources** |   |
| Will this vessel type / class be new to the operating unit |   |
| Has an operating budget been developed |  |
| Has a repair/maintenance and compliance budget been developed |  |
| Are there proven technical/support resources in the area |  |
| **Candidate vessel (if applicable)** |   |
| NOAA Class |   |
| Design Type (i.e. XXXXX) |   |
| Transfer/new construction/ purchase – Attach description, survey  |   |
| Manufacturer |   |
| Model/ year |   |
| Propulsion (i.e. Outboard, inboard, single twin, jet…) |   |
| Fuel Type |   |