|  |  |
| --- | --- |
| **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 |  |