Here is the assurance case for the BlueROV2 system instantiated from the given assurance case pattern. The placeholders have been filled with the system-specific information, and the assurance case components have been organized in a hierarchical tree format using dashes (-) to denote different levels:

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G1: Hazards for BlueROV2 system addressed in accordance with ALARP principle.

- S1: Argument by risk reduction/elimination of each hazard

- G2: No intolerable risks present in the system.

- C1: Definition of "intolerable"

- S2: Argument that risk posed by any remaining hazards is negligible (Undeveloped)

- S3: Argument that no other risks have been identified (Undeveloped)

- G3: Risk from obstacle encounter has been reduced as low as reasonably practicable

- C2: Assigned severity class is Major

- S4: Apply ReSonAte to estimate level of risk from hazard condition obstacle encounter

- A1: Function [Obstacle detection, Command authority, Avoidance logic] required by Obstacle encounter BTD is available

- G4: Model avoiding collision accurately describes the possible propagation of hazard obstacle encounter

- G6: Possible hazard propagation paths correctly captured in BTD (Undeveloped)

- G7: Barriers in the BTD correctly describe their respective control action including any required system functions (Undeveloped)

- G8: All non-negligible threats have been identified (Undeveloped)

- G5: Quantitative risk estimates are accurate and below acceptable threshold

- G9: State probability distribution used for risk estimation is an accurate representation of expected system states (Undeveloped)

- G10: Estimated probability of collision is below allowable threshold for Major severity class

- Sn1: Estimated risk level 10^-3 per hour

```

In the above assurance case:

- Generic placeholders have been replaced with specific details related to the BlueROV2 system.

- The essential structure and hierarchy as per the assurance case pattern have been preserved.

- Undeveloped elements are marked with "(Undeveloped)" to indicate where further development is needed.