To create an assurance case for the BlueROV2 system by instantiating the given assurance case pattern, we will first remove all additional decorators like Uninstantiated, Placeholders, etc., and fill in the placeholders `{}` with the actual BlueROV2 system-specific information. Below is the hierarchical tree of the assurance case.

```

BlueROV2 Assurance Case

- G1: Hazards for BlueROV2 addressed in accordance with ALARP principle

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

- G2: No intolerable risks present in the system

- S2: Argue that risk posed by any remaining hazards is negligible (undeveloped)

- S3: Argue that no other risks have been identified (undeveloped)

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

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

- G4: Model obstacle encounter BTD accurately describes possible propagation of hazard obstacle encounter (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 severity class Major

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

- 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)

- Contexts and Assumptions surrounding Goals and Strategies

- IncontextOf (G2, Definition of "intolerable", 3)

- IncontextOf (G3, Assigned severity class is Major, 3)

- IncontextOf (S4, Function avoidance logic required by obstacle encounter BTD is available, 4)

```

In the assurance case for the BlueROV2 system:

- Concrete system-specific information has replaced generic placeholders in the goals, strategies, and solutions.

- Various strategies and goals deemed necessary but not fully developed have been marked as "undeveloped" to indicate further work is required (as per the predicates from the original pattern).

- Placeholders have been replaced with specific details concerning the BlueROV2 system.

- Only the applicable GSN elements from the pattern (those uninstantiated) have been removed post-instantiation. Remaining elements reflect actual components, features, and security architecture of the BlueROV2 system.