Here is the assurance case for the BlueROV2 system instantiated from the given pattern, displayed 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: Argue that risk posed by any remaining hazards is negligible (undeveloped)

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

- G3: Risk from underwater collision hazard has been reduced as low as reasonably practicable

- C2: Assigned severity class is critical

- S4: Apply ReSonAte to estimate level of risk from hazard condition underwater collision

- A1: Function of obstacle detection required by BTD is available

- G4: Model BTD accurately describes possible propagation of hazard underwater collision (uninstantiated)

- 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 severe damage is below allowable threshold for severity class (uninstantiated)

- Sn1: Estimated risk level is acceptable (uninstantiated)

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Each level of the hierarchy is denoted with a dash (-), indicating the parent-child relationships among the elements in the assurance case. Uninstantiated and undeveloped elements are marked accordingly to highlight areas needing further development or specification.