

AMENDMENT NUMBER 0006  
TO ONR BAA 07-025 ENTITLED  
“PAYLOAD IMPLOSION AND PLATFORM DAMAGE PREDICTION  
AND VALIDATION”

The purpose of Amendment 0006 is to respond to questions resulting from BAA Amendment 0005:

Question 1: What is the schedule for completing Task A drawings and the Task B construction?

Response: ONR expects the Task A performer to conduct the at-sea tests in the second half of FY10. After Task A and Task B contracts are awarded, the Task A and Task B performers shall identify need dates to achieve the FY10 at-sea test schedule. The Task A performer shall determine a need date for the implodable volumes and adjacent structure hardware to support the at-sea test schedule. The Task B performer shall determine a need date for preliminary construction drawings (to enable procurement of long lead materials) and final construction drawings. Task A and Task B performers shall submit their proposed need dates to ONR for approval.

Question 2: Amendment 0005 states that the design could change based on computational analysis results. Who is responsible for these analyses and when will they be complete? Will the performer of these analyses need the drawings to complete their effort. If so, how much time should be factored into the drawing schedules to complete them?

Response: Under Task D, the Naval Undersea Warfare Center will conduct the pre-test computational analyses. The majority of this subtask will be performed in FY09, but will extend into FY10 as the implodable volume design and test details are finalized. Analysis in FY09 may result in recommended changes to the implodable volume and adjacent structure designs; analysis in FY10 will focus on determining the appropriate loading conditions. The preliminary drawings will be required in the first half of FY09 to support the analyses.

Question 3: Do you anticipate requiring NDT (such as x-ray) to identify any flaws that may be within the material? If so, what is the acceptance criterion?

Response: X-ray NDT for subsurface flaws is not anticipated. The implodable structures are to be machined, rather than welded, so as to minimize subsurface flaws and material property variation. The Task B performer shall be responsible for appropriate visual NDT.