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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Navy

DATE: February 2011

APPROPRIATION/BUDGET ACTIVITY
 1319: Research, Development, Test & Evaluation, Navy
 BA 4: Advanced Component Development & Prototypes (ACD&P)

R-1 ITEM NOMENCLATURE
 PE 0603564N: Ship Prel Design & Feasibility Studies

COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	30.928	1.796	22.213	-	22.213	26.522	35.965	35.660	19.399	Continuing	Continuing
0408: Ship Development (ADV)	5.373	0.437	-	-	-	-	-	-	-	0.000	5.810
0409: DDG-51 Flt III Concept Development	6.925	-	5.707	-	5.707	14.879	15.304	7.962	-	0.000	50.777
2474: LSD Design & Total Ship Integration	-	-	6.588	-	6.588	11.643	20.661	27.698	19.399	Continuing	Continuing
3195: JCC(X)	7.007	-	-	-	-	-	-	-	-	0.000	7.007
3226: Green Water Craft	1.425	1.359	-	-	-	-	-	-	-	0.000	2.784
3261: TAGOS Design & Total Ship Integration	-	-	9.918	-	9.918	-	-	-	-	0.000	9.918
9999: Congressional Adds	10.198	-	-	-	-	-	-	-	-	0.000	10.198

A. Mission Description and Budget Item Justification

0408 - SURFTECH - Ship Development project supports the evaluation of advanced and alternative technologies through the Surface Ship Technology (SURFTECH) process for suitability for meeting total ship concepts capability needs.

- OCEAN CLASS AGOR - FY10 Ship Preliminary Design and Feasibility Studies to support procurement of two AGOR ocean Class vessels in FY11 and FY12.

- LCC Class ESA - Assessments of the LCC 19 & 20 will be conducted to determine life extensions under project 0408.

0409 - DDG 51 FLT III Concept Development - Develop Preliminary Analysis, Testing, and Design for introduction of DDG 51 FLT III in FY16.

2474 - LSD(X) is expected to functionally replace LSD 41 class (8 ships) and LSD 49 class (4 ships) for embark, transport, control, insert, sustainment, and extract of Marine Air-Ground Task Force elements and supporting forces by helicopters, landing craft, and amphibious vehicles. New design efforts are required to identify viable alternatives, including examining a reduced cost variant of LPD 17 Class. Funding supports JCIDS, GATE and Milestone processes. LSD(X) was previously budgeted in PE 0604311N.

3195 - JCC(X) was planned as a mobile, self-sustaining platform with robust C4ISR capability for a Joint Force Commander and staff and provides in-theater command and control should a land-based headquarters be unavailable, constrained or threatened.

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