Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

1319: Research, Development, Test & Evaluation, Navy

PE 0305885N: Tactical Cryptologic Activities

BA 6: RDT&E Management Support

COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	1.993	2.454	1.859	0.000	1.859	1.886	1.924	1.967	2.009	Continuing	Continuing
0037: TACT COMBAT OPER SYS	1.993	2.454	1.859	0.000	1.859	1.886	1.924	1.967	2.009	Continuing	Continuing

A. Mission Description and Budget Item Justification

This is a continuing program that will provide advanced technologies and capabilities to current Electronic Warfare / Electronic Intelligence System Programs of Record (POR). Develop concepts of data / information exchange within the Global Information Grid (GIG) as envisioned by Chief of Naval Operations (CNO) and outlined within the FORCEnet concept. To comply with the intent of the GIG, this program will address compression, transmission, decompression, re-compression and long term storage of targeted data / information without degradation. This program will become an enabler for future capabilities such as remote operation of surface, subsurface, and air EW/ELINT open architecture PORs. A holistic approach to data / information format, processing, transmission, and storage will require developments in antenna technology, communications capabilities, operational concepts, and software development.

B. Program Change Summary (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	1.993	2.464	0.000	0.000	0.000
Current President's Budget	1.993	2.454	1.859	0.000	1.859
Total Adjustments	0.000	-0.010	1.859	0.000	1.859
 Congressional General Reductions 		-0.010			
 Congressional Directed Reductions 		0.000			
 Congressional Rescissions 	0.000	0.000			
 Congressional Adds 		0.000			
 Congressional Directed Transfers 		0.000			
 Reprogrammings 	0.000	0.000			
 SBIR/STTR Transfer 	0.000	0.000			
 Program Adjustments 	0.000	0.000	1.859	0.000	1.859

Change Summary Explanation

Technical: Not applicable.

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy		DATE : February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 6: RDT&E Management Support	R-1 ITEM NOMENCLATURE PE 0305885N: Tactical Cryptologic Activities	
Schedule: Not applicable.		
FY11 from previous President's Budget is shown as zero b	pecause no FY11-15 data was presented in President's Bu	udget 2010.

FY 2011 FY 2011 FY 2011 **FY 2010** OCO FY 2012 FY 2013 FY 2014 FY 2015 COST (\$ in Millions) **FY 2009** Base Total Cost To Total **Actual Estimate Estimate Estimate Estimate Estimate Estimate Estimate Estimate** Complete Cost 0037: TACT COMBAT OPER SYS 2.009 Continuing Continuing 1.993 2.454 1.859 0.000 1.859 1.886 1.924 1.967 0 0 0 0 0 0 0 0 0 Quantity of RDT&E Articles

A. Mission Description and Budget Item Justification

This is a continuing program that will provide advanced technologies and capabilities to current Electronic Warfare/Electronic Intelligence system programs of record (POR). Develop concepts of data/information exchange within the Global Information Grid (GIG) as envisioned by Chief of Naval Operations (CNO) and outlined within the FORCEnet concept. To comply with the intent of the GIG, this program will address compression, transmission, de-compression, re-compression and long term storage of targeted data/information without degradation. This program will become an enabler for future capabilities such as remote operation of surface, and air EW/ELINT open architecture PORs. A holistic approach to data/information format, processing, transmission, and storage will require developments in antenna technology, communications capabilities, operational concepts, and software development.

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
TACT COMBAT OPER SYS	1.993	2.454	1.859	0.000	1.859
FY 2009 Accomplishments: Develop concepts of data/information exchange within the Global Information Grid (GIG) as envisioned by Chief of Naval Operations (CNO) and outlined within the FORCEnet concept. FY 2010 Plans: Develop concepts of data/information exchange within the Global Information Grid (GIG) as envisioned by Chief of Naval Operations (CNO) and outlined within the FORCEnet concept.					
FY 2011 Base Plans: Develop concepts of data/information exchange within the Global Information Grid (GIG) as envisioned by Chief of Naval Operations (CNO) and outlined within the FORCEnet concept.					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy

APPROPRIATION/BUDGET ACTIVITY

1319: Research, Development, Test & Evaluation, Navy
BA 6: RDT&E Management Support

| R-1 | ITEM NOMENCLATURE | PROJECT | 0037: TACT COMBAT OPER SYS

B. Accomplishments/Planned Program (\$ in Millions)

D. Addomptionmento/ lumica i rogiam (\$\psi\$ in miniono)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Accomplishments/Planned Programs Subtotals	1.993	2.454	1.859	0.000	1.859

C. Other Program Funding Summary (\$ in Millions)

N/A

D. Acquisition Strategy

N/A

E. Performance Metrics

Provide advanced technologies and capabilities to current Electronic Warfare/Electronic Intelligence System Programs of Record (POR).