CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification							DATE:	
							Februa	ry 2003
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMEN	CLATURE		-
RESEARCH DEVELOPMENT TEST & EVALUAT	ION, NAVY /	BA-4	1		0603755N/SHIP S	ELF DEFENSE		
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Total PE Cost	9.054	5.800	9.733	10.605	10.532	12.226	12.390	12.649
K2133/22133/QRCC/RAWG	2.096	2.009	4.315	4.693	4.482	4.862	4.891	5.025
K2184/(K9050*) Force AAW Coord. Tech. (FACT)	6.958	3.791	5.418	5.912	6.050	7.364	7.499	7.62

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

This program incorporates efforts dedicated to the enhancement of ship self defense against Anti-Air Warfare (AAW) threats. Its primary focus is on the development of technologies, systems, and procedures necessary to defeat the evolving Anti-Ship Cruise Missile (ASCM) threat. These projects focus on ship defense improvements through the development of advanced concepts and capabilities that will enhance both defense in depth of ships in a force and self defense of individual ships in a littoral war-fighting environment. Quick Reaction Combat Capability (QRCC), Project K2133, provides advanced concepts and technology developments for the multi-sensor integration of ship detection equipment, integration and coordination of ship self defense weapons, and coordination of hardkill and softkill assets to improve individual ship self defense capabilities against the ASCM threat. Beginning in FY02, the Requirements and Analysis Working Group (RAWG) provides independent analysis for a variety of combat system trade-offs, ship class performance studies, and force protection strategic plan development. Force Anti-Air Warfare Coordination Technology (FACT), Project K2184, demonstrates AAW concepts and capabilities that will enhance the AAW warfighting ability of ships and aircraft and enable the coupling of the Force into a single, distributed AAW weapon system through more effective use of tactical data, and force sensors and weapons.

*K9050: Includes \$.961 Congressional Add for Transportable Anti-Intrusion Pontoon Barrier Systems.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE:	
							Februa	ry 2003
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMI	ENT NUMBER AND	NAME		PROJECT NUMBE	R AND NAME		
RDT&E, N / BA-4	0603755N/SHIP SI	ELF DEFENSE			K2133/22133/Quic	k Reaction Combat	Capability/Req and	d Analysis W/G
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost	2.096	2.009	4.315	4.693	4.482	4.862	4.891	5.025
RDT&E Articles Qty								

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

Quick Reaction Combat Capability (QRCC) provides advanced concepts and technology developments for the multi-sensor integration of ship detection equipment, integration and coordination of ship self defense weapons, and coordination of hardkill and softkill assets to improve individual ship self defense capabilities against the Anti-Ship Cruise Missile (ASCM) threat. The funding for the Self Defense Test Ship is for the dry-docking and overhaul of the Self Defense Test Ship to extend the service life for another 4 years. The Requirements and Analysis Working Group (RAWG) provides independent analysis for a variety of combat system trade-offs, ship class performance studies, and force protection strategic plan development.

* In PEO EXW the program was transferred in FY 03 to PEO IWS.

R-1 SHOPPING LIST - Item No.

75

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE:
			February 2003
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND N	IAME
RDT&E, N / BA-4	0603755N/SHIP SELF DEFENSE	K2133/ 22133/Quick Reaction	on Combat Capability/Requirements and Analysis Working Grp

B. Accomplishments/Planned Program

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	2.096	0.000	0.000	0.000
RDT&E Articles Quantity				

Provided independent analyis for a variety of combat systems trade-off, ship class performance studies and force protection strategic plan development.

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	0.000	2.009	0.000	0.000
RDT&E Articles Quantity				

The Requirement Analysis Working Group (RAWG) will provide POM/PR process analysis, ship class and component systems capabilities for Ship Self Defense (SSD). These analysis are supported by N76 and various PEO's involved in Ship Self Defense (SSD). The RAWG will provide analysis for a variety of combat systems trade-off and force protection strategic development.

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	0.000	0.000	4.315	4.693
RDT&E Articles Quantity				

The Requirements and Analysis Working Group (RAWG) will assume leadership and management of the Common Anti Ship Cruise Missile (ASCM) Threat Characterization process for PEO IWS. The RAWG will provide support to the POM 06 Analysis for N76 staff and analyze threat D and its impact on the various ship combat systems. The RAWG will continue to respond to the PEO and OPNAV sponsors emergent tasking and participate and attend Probability of Raid Annihilation (PRA) working group meetings.

CLASSIFICATION:

XHIBIT R-2a, RDT&E Project Justification					DATE:						
-					February 2003						
PPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER	AND NAME		PROJECT NUMBER AND NAME							
DT&E, N / BA-4	0603755N/SHIP SELF DEFENSE			K2133/22133/Quick Re	eaction Combat Capability/Requirements and Analysis Working Group						
C. PROGRAM CHANGE SUMMARY:											
Funding:	FY 2002	FY 2003	FY 2004	FY 2005							
Previous President's Budget: (FY 03 Pres Controls)	2.161	2.054	2.369	2.473							
Current BES/President's Budget: (FY04/05 Pres Cor	trols) 2.096	2.009	4.315	4.693							
Total Adjustments	-0.065	-0.045	1.946	2.220							
Summary of Adjustments											
Congressional Reductions	-0.011	-0.023									
Minor Pricing Adjustments	-0.054	-0.022	-0.254	-0.280							
Programmatic Adjustments			2.200	2.500							
Subtotal	-0.065	-0.045	1.946	2.220							
Schedule:											
N/A											
Technical:											
N/A											

CLASSIFICATION:

EXHIBIT R-2a, RDT&E I	Project Justification			DATE:
	•			February 2003
APPROPRIATION/BUDGET	ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND N	AME
RDT&E, N /	BA-4	0603755N/SHIP SELF DEFENSE	K2133/22133/Quick Reaction	n Combat Capability/Requirements and Analysis Working Group
D. OTHER PROGRAI	M FUNDING SUMMARY: TEGY: Not A	Not Applicable pplicable		
F. MAJOR PERFORMEI Dahlgren/ NSW 02/2002		overall combat systems performance analysis for Navy ship cla	asses.	
1				

CLASSIFICATION:

									DATE:				
Exhibit R-3 Cost Analysis (pag	je 1)										February 200)3	
APPROPRIATION/BUDGET ACTIV	ITY		PROGRAM E				PROJECT NU						
RDT&E, N / BA-4			0603755N/SH	HIP SELF DEFE	NSE		K2133/22133	Quick Reaction	on Combat Capa	ability/Requirer	ments and Analysis	Working Group	
Cost Categories	Contract	Performing		Total PY s	FY 03	FY 03	FY 04	FY 04	FY 05	FY 05	0	Tatal	Tanant Malus
	Method & Type	Activity & Location		Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost to Complete	Total Cost	Target Value of Contract
Primary Hardware Development	и туро	Location		0001	0001	Buto	0001	Buto	0001	Date	Complete	0.000	
Ancillary Hardware Development												0.000	
Component Development												0.000	
Ship Integration												0.000	
Ship Suitability												0.000	
Systems Engineering	WR	Dahlgren, NS	SWC DD	4.955	2.009		4.315	;	4.693		Continuing	Continuing	†
Training Development					2.000						- Communing	0.000	
Licenses												0.000	
Tooling												0.000	
GFE												0.000	
Award Fees												0.000	
Subtotal Product Development				4.955	2.009		4.315	;	4.693	3	Continuing		
Development Support												0.000)
Software Development												0.000	
Training Development												0.000	
Integrated Logistics Support												0.000)
Configuration Management												0.000)
Technical Data												0.000	
GFE												0.000	
Award Fees												0.000)
Subtotal Support				0.000	0.000)	0.000)	0.000)	0.000	0.000	
Remarks:													
				D 4 CHOL	DING LIST	Itam Na	75						

CLASSIFICATION:

									DATE:				1
Exhibit R-3 Cost Analysis (pag	ne 2)								271121		February 200	3	
APPROPRIATION/BUDGET ACTIV	ITY		PROGRAM E	LEMENT			PROJECT N	IUMBER AND	NAME		. 0.0 , _00		
RDT&E, N / BA-4			0603755N/SH	IP SELF DEF	ENSE		K2133/2213	3/Quick React	tion Combat Cap		rements and Analysis	Norking Group	
Cost Categories	Contract Method & Type	Performing Activity & Location	·	Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date		Total Cost	Target Value of Contract
Developmental Test & Evaluation	WR	Dahlgren NS\	WC DD	9.725	5							9.725	
Live Fire Test & Evaluation												0.000	
Test Assets												0.000	
Tooling												0.000	
GFE												0.000	
Award Fees												0.000	
Subtotal T&E				9.725	5 0.00	0	0.00	00	0.00	0	0.000	9.725	
Contractor Engineering Support												0.000	
Government Engineering Support												0.000	
Program Management Support												0.000	
Travel												0.000	
Labor (Research Personnel)												0.000	
SBIR Assessment												0.000	
Subtotal Management				0.000	0.00	0	0.00	00	0.00	0	0.000	0.000	
Remarks:													
Total Cost				14.680	2.00	9	4.3	5	4.69	3	Continuing	Continuing	
Remarks:													

CLASSIFICATION:

EXHIBIT R4, Schedule	Profile	: NO	T AP	PLIC	ABLE	Ē							N	/A											DATE	:	F	ebrua	ary 20	03		
APPROPRIATION/BUDGE													UMBE	R AND	NAMI	E							IUMBE			ΙE			•			
RDT&E, N /	BA-4								06037	'55N/S	HIP S	ELF D	EFENS	SE			1				K2133	3/2213	3/QRC	C/RA	WG				1			
Fiscal Year		20	02	1		20	03			20	04	1		200	05			20	06			20	07			20	80	T		200	09	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Acquisition Milestones																																
Test & Evaluation Milestones																																
Production Milestones]						
Deliveries																																

CLASSIFICATION:

Exhibit R-4a, Schedule Detail						DATE:					
NOT APPLICABLE							ebruary 20	03			
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EI	LEMENT		PROJECT NU	JMBER AND N	AME					
RDT&E, N / BA-4	0603755N/SH	IP SELF DEFE	NSE	K2133/22133/	K2133/22133/Quick Reaction Combat Cap/Req & Analysis						
Schedule Profile	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009			
Prototype Phase											
System Design Review (SDR)											
Milestone II (MSII)											
Contract Preparation											
Software Specification Review (SSR)											
Preliminary Design Review (PDR)											
System Development											
Critical Design Review (CDR)											
Quality Design and Build											
Test Readiness Review (TRR)											
Developmental Testing (DT-IIA)											
Eng Dev Model (EDM) Radar Delivery - Lab											
Software Delivery 1XXSW											
Preproduction Readiness Review (PRR)											
EDM Radar Delivery - Flt Related											
Milestone C (MS C)											
Operational Testing (OT-IIA)											
Start Low-Rate Initial Production I (LRIP I)											
Software Delivery 2XXSW											
Developmental Testing (DT-IIB1)											
Developmental Testing (DT-IIB2)											
Start Low-Rate Initial Production II											
Operational Testing (OT-IIB)											
Developmental Testing (DT-IIC)											
Functional Configuration Audit (FCA)											
Low-Rate Initial Production I Delivery											
Technical Evaluation (TECHEVAL)											
Physical Configuration Audit											
Operational Evaluation (OT-IIC) (OPEVAL)											
Low-Rate Initail Production II Delivery											
IOC											
Full Rate Production (FRP) Decision											
Full Rate Production Start											
First Deployment											

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justifica	ation						DATE:	
							Februa	ry 2003
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEM	ENT NUMBER AND	NAME		PROJECT NUMBE	R AND NAME		
RDT&E, N / BA-4	0603755N/SHIP SI	ELF DEFENSE			K2184/K9050 Ford	e AAW Coordination	n Technology	
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost	6.958	3.791	5.418	5.912	6.050	7.364	7.499	7.624
RDT&E Articles Qty								

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The Force Anti-Air Warfare Technology (FACT) Program is an advanced development effort designed to demonstrate Force Anti-Air Warfare (AAW) concepts and capabilities that will significantly improve our Force defense in depth, including both local area and self defense capabilities against current and future AAW threats. FACT improvements are designed to enhance the AAW warfighting ability of ships and aircraft and to enable coupling of the Force into a single, distributed AAW weapon system and towards more effective use of tactical data and the cooperative use of all the force sensors and weapons. These capabilities will provide the ship defense flexibility needed to meet the threat brought about by increasing numbers of highly sophisticated weapons held by potentially hostile third world countries. FACT defines requirements and develops prototype systems or modifications to existing systems to test new concepts for the coordination of Force AAW operations. Some examples of prototype systems now in production are AN/SPS-48C Detection Data Converter, AN/SPS-48E Environmental Control Feature, Shipboard Gridlock System Automatic Correlation (SGS/AC) and Dial-a-Track Link-11 Quality Selection. Other FACT developments nearing production stages are the Automatic Identification System (Auto-ID) and the Multi-Frequency Link-11 capability; Dual Net Multi-Frequency Line (DNMFL); Force Threat Evaluation Weapons Assignment (FTEWA); and the prototype Area Air Defense Commander (AADC) capability. Short and long term objectives will be phased in to produce higher degrees of ship defense and battle coordination and effectiveness.

R-1 SHOPPING LIST - Item No.

75

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justificat	ion	DATE:
		February 2003
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
RDT&E, N / BA-4	0603755N/SHIP SELF DEFENSE	K2184/K9050 Force AAW Coordination Technology
RDIAL, N / DA-4	00037331N3HIP SELF DEFENSE	N2 104/N9050 Force AAVV Coordination Technology

B. Accomplishments/Planned Program

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	5.056	2.881	4.822	2.143
RDT&E Articles Quantity				

On goinging development of Joint Targeting Attack & Assessment Capability (JTAAC)/demonstrations at sea and ashore, and support Navy's transition of JTAAC to a production program.

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	0.791	0.760	0.454	0.335
RDT&E Articles Quantity				

Support land based and at sea experiments of Advanced Command and Control Systems, conduct analysis to evaluate air defense concepts and capabilities including Multi-TADIL operations and aire defense operations.

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	0.150	0.150	0.142	0.142
RDT&E Articles Quantity				

Provide top level programmatic support, technical analysis and assist in the development processes, procedures and documentation that impact the execution of the FACT program requirements.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification				DATE: February 2003	
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUM	IBER AND NAME	PROJECT NUMBER AND		
RDT&E, N / BA-4	0603755N/SHIP SELF DEFE		K2184/K9050 Force AAW		
B. Accomplishments/Planned Program (Cont.)				3,	
	FY 02	FY 03	FY 04	FY 05	
Accomplishments/Effort/Subtotal Cost				3.292	
RDT&E Articles Quantity					
Develop the genesis for major improved functionality	in Navy and Joint Defense.				
	FY 02	FY 03	FY 04	FY 05	
Accomplishments/Effort/Subtotal Cost	0.961				
RDT&E Articles Quantity					
Transportable Anti-Intrusion Pontoon Barrier System.					

CLASSIFICATION:

XHIBIT R-2a, RDT&E Project Justification						DATE:	
DDDODDIATION/DUDOET ACTIVITY	IDDOOD AM EL	EMENIT AU IMPED	AND NAME		DDO IECT NI IMPED A	ND NAME	February 2003
PPROPRIATION/BUDGET ACTIVITY		EMENT NUMBER			PROJECT NUMBER A		
DT&E, N / BA-4	0603755N/SH	P SELF DEFENSE			K2184/K9050 Force A	AW Coordination Tech	inology
C. PROGRAM CHANGE SUMMARY:							
Funding:		FY 2002	FY 2003	FY 2004	FY 2005		
Previous President's Budget: (FY 03 Pres Con	trols)	7.109	3.876	3.051	3.211		
Current BES/President's Budget: (FY04/05 Pre		6.958	3.791	5.418	5.912		
Total Adjustments		-0.151	-0.085	2.367	2.701		
Summary of Adjustments							
Programmatic Adjusments				2.594	2.957		
Miscellaneous pricing adjustments		-0.053	-0.041	-0.227	-0.256		
Congressional Reductions		-0.098	-0.044				
Subtotal		-0.151	-0.085	2.367	2.701		
Schedule:							
Not Applicable.							
Technical:							
Not Applicable.							
Not Applicable.							

CLASSIFICATION:

EXHIBIT R-2a, RDT&E	E Project Justification			DATE: February 2003
APPROPRIATION/BUDGE	T ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NA	AME
RDT&E, N /	BA-4	0603755N/SHIP SELF DEFENSE	K2184/K9050 Force AAW Co	
	AM FUNDING SUMMARY: Not A	Applicable		
E. ACQUISITION STR	RATEGY: Not Applicable			
F. MAJOR PERFORM	MERS: APL/Laurel, MD	11/02		
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ı				

CLASSIFICATION:

								DATE:								
Exhibit R-3 Cost Analysis (pa	ge 1)									February 20	03					
APPROPRIATION/BUDGET ACTIV	VITY	PROGRAM E	LEMENT			PROJECT NU	JMBER AND I									
RDT&E, N / BA-4			IIP SELF DEFE			K2184/K9050		Coordination Ted								
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 03 Cost	FY 03 Award Date	FY 04 Cost	FY 04 Award Date	FY 05 Cost	FY 05 Award Date	Cost to Complete	Total Cost	Target Value of Contract				
Primary Hardware Development	CPFF	APL/Laurel, MD	74.407	2.881	11/02	4.822	11/03	5.435	11/04	CONT	CONT					
Systems Engineering		SPAWAR, S.D.	0.150								0.150					
Systems Engineering		SPAWAR NORFOLK	0.417								0.417					
Systems Engineering		PUGET SOUND BOSTON	0.029								0.029					
Systems Engineering	GSA	GRCI	0.204								0.204					
Miscellaneous		Unknown	0.187								0.187					
Pontoon Barrier		Unknown	0.961								0.961					
Licenses											0.000					
Tooling											0.000					
GFE											0.000					
Award Fees											0.000					
Subtotal Product Development			76.355	2.881		4.822	2	5.435		CONT	CONT					
Development Support											0.000					
Software Development											0.000					
Integrated Logistics Support		NSWC/PHD	0.175								0.175					
Integrated Logistics Support		NSLC Mech, PA	0.005								0.005					
Integrated Logistics Support	GSA	AMERIND	0.111								0.111					
Technical Data		NSWC/DD/ Dahlgren, VA	0.150								0.150					
GFE											0.000					
Award Fees											0.000					
Subtotal Support			0.441	0.000		0.000)	0.000		0.000	0.441					
Remarks:																

CLASSIFICATION:

										DATE:										
Exhibit R-3 Cost Analysis (pag												February 20	03							
APPROPRIATION/BUDGET ACTIV	/ITY		PROGRAM E	LEMENT				PROJECT N	JMBER AN	D NAME										
RDT&E, N / BA-4			0603755N/SH	IP SELF DE	FENSE			K2184/K9050		V Coordination Te	dination Technology									
Cost Categories	Contract			Total			FY 03		FY 04		FY 05									
	Method	Activity &		PY s	FY 0		Award	FY 04	Award	FY 05	Award	Cost to	Total	Target Value						
	& Type	Location		Cost	Cost		Date	Cost	Date	Cost	Date	Complete	Cost	of Contract						
Developmental Test & Evaluation												2011	0.000							
Operational Test & Evaluation	CPFF	APL/Laurel, MI	D	1.4	15	0.760	11/02	0.454	1 11/02	0.33	5 11/02	CONT		_						
Live Fire Test & Evaluation													0.000							
Test Assets													0.000							
Tooling													0.000							
GFE													0.000							
Award Fees													0.000							
Subtotal T&E				1.4	15	0.760)	0.454	4	0.33	5	CONT	CONT							
Contractor Engineering Support	CPAF	RGE, SPRINGF	IELD, VA	0.0	006								0.006							
Contractor Engineering Support	CPFF	SPA,FAIRFAX,	VA	0.1	00								0.100							
Contractor Engineering Support	CPFF	LOGICON, FALL	LS CHUR, VA	0.0	060															
Contractor Engineering Support	GSA	STRATEGIC INS	SIGHT, VA	0.1	89															
Program Management Support	GSA	DSR, FAIRFAX,	VA	0.4	40	0.150	11/02	0.142	2 11/03	0.14	2 11/04	CON	CONT							
Travel													0.000							
Labor (Research Personnel)													0.000							
Subtotal Management				0.7	95	0.150)	0.142	2	0.14	2	CON	CONT							
Remarks:																				
Total Cost				79.0	006	3.791		5.418	3	5.91	2	CON	CONT							
Remarks:																				

CLASSIFICATION:

EXHIBIT R4, Schedule I																									DATE		F	ebrua	ry 20	03		
APPROPRIATION/BUDGET RDT&E, N /	ACTIVI BA-4								PROG 06037					R AND	NAMI	E					PROJ K2184											
Fiscal Year		20	02			20	03			20	04			200	05			20	06			20	07			20	80			200)9	
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
CHART NOT APPLICABLE																																

 $^{^{\}star}$ Not required for Budget Activities 1, 2, 3, and 6

CLASSIFICATION:

Exhibit R-4a, Schedule Detail: NOT APPLIC						DATE: February 2003							
APPROPRIATION/BUDGET ACTIVITY	PROGRAM EI	LEMENT			PROJECT NU	JMBER AND NAME							
RDT&E, N / BA-4	0603755N/SH	IP SELF DEFE	NSE		K2184/K9050	Force AAW Coordination Technology							
Schedule Profile	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009					
CHART NOT APPLICABLE													