

CLASSIFICATION: UNCLASSIFIED

Exhibit P-40, BUDGET ITEM JUSTIFICATION

DATE  
February 2011

APPROPRIATION/BUDGET ACTIVITY  
OTHER PROCUREMENT, NAVY/BA 2

P-1 LINE ITEM NOMENCLATURE  
RADAR SUPPORT  
SUBHEAD NO. 82KGA2K6 B.LI: 2040

Program Element for Code B Items	Prior Years	ID Code	FY 2010	FY 2011	Other Related Program Elements				FY 2013	FY 2014	FY 2015	FY 2016	To Complete	Total
					BASELINE	OCO	TOTAL							
Quantity	0		0	1	4	0	4	3	3	0	0	0	0	0
COST														
(In Millions)	91.4	A	13.1	12.0	18.8	0.0	18.8	13.3	15.9	6.1	4.5	0.0	0.0	175.1
SPARES COST														
(In Millions)	0.0	0	0.0	0.0	1.7	0.0	1.7	0.9	0.4	0.3	0.0	0.0	0.0	3.3

PROGRAM DESCRIPTION/JUSTIFICATION:

The line item has historically been used for radar related Congressional Adds. The Periscope Detection program is the first non-Plus Up radar program to be added (FY09).

KGCA1 - AN/SYS-2 PROCUREMENT

The AN/SYS-2 is a Congressional Add program which provides automatic radar detection and tracking capability. This particular add upgrades existing FFG AN/SYS-2 systems.

KGCA2 - AN/SPS-67 BACK FIT ENGINEERING SUPPORT

The AN/SPS-67 Radar is a Congressional Add program which provides surface search and navigation functions for all platforms upon which it is installed and, in addition, provides gun fire functions for the AEGIS Destroyers. This particular add is for a (V)3 to (V)5 upgrade unique to AEGIS Destroyers.

KGCA3 - AN/SPS-48 ROAR

The AN/SPS-48 Radar Obsolescence and Availability Recovery (ROAR) program is a Congressional Add program which is a follow-on to the AN/SPS-48E and improves the availability and maintainability over the current variant.

KGCA4 - AN/SPA-25G TECH REFRESH

AN/SPA-25G Technology Refresh is a Congressional Add program which upgrades the existing AN/SPA-25G and provides technology refresh, commercial off the shelf insertion, and is being procured to avoid obsolescence issues.

KGCA6 - MARITIME SMALL TARGET AND THREAT DETECTOR PROCESSOR

The Maritime Small Target and Threat Detector Processor is a Congressional Add program which provides an upgraded capability for small boat/small radar cross section target detection by surface search radars. The initial upgrades will be to the AN/SPS-67(V) and AN/SPS-73.

KGCA7 - PERISCOPE DETECTION RADAR

The CVN Periscope Detection Radar program fields a radar that provides automatic detection and discrimination of submarine periscopes using advanced algorithms enabling discrimination of periscopes from surface contacts, buoys, small boats, floating mines, etc. Funding is also for engineering efforts required to convert an Advanced Demonstration Model (ADM) produced during initial R&D efforts to provide a specific capability into a production representative model that meets all requirements of the Capability Development Document (CDD).

Note: The AN/SPS-74(V) portion of the Periscope Detection program was cancelled in POM-12, but CNO directed restoration of the program in CNO memo 3360 Ser N00/100089 of 4 Aug 10, and funding was