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SAR PROGRAM ACQUISITION COST SUMMARY
As of DEC 31 78
($ In Millions)

Weapon System	Status	Program Base Year	DEVELOPMENT ESTIMATE a/ Program Cost: Program Base Year Dollars	Development Estimate: Projected Escalation	Development Estimate: Total	COST CHANGES TO DATE: Quantity Changes In Program Base Year Dollars	Cost Changes to Date: Other Changes In Program Base Year Dollars	Cost Changes to Date: Actual and Projected Escalation	Cost Changes to Date: Total	CURRENT ESTIMATE Program Cost: Program Base Year Dollars	Current Estimate: Actual and Projected Escalation	Current Estimate: Total	COST CHANGES THIS QUARTER: Program Changes In Base Year Dollars	Cost Changes This Quarter: Actual and Projected Escalation	Cost Changes This Quarter: Total	% COST GROWTH: Base Year Adjust for Quantity	% Cost Growth: Total Adjust for Quantity	Weapon System
CONGRESSIONAL SAR SUBMISSION																		CONGRESSIONAL SAR SUBMISSION
ARMY																		ARMY
PATRIOT (Fire Sections)	Dev	1972	4239.6	1000.9	5240.5	-1378.2	290.5	1479.1	391.4	3151.9	2430.0	5631.9	-311.1	-291.0	-602.1	10	65	PATRIOT (Fire Sections)
HELLFIRE	Dev	1975	508.2	226.9	735.1	-1.1	9.8	70.5	79.2	516.9	297.4	814.3	-0.1	9.6	9.5	2	11	HELLFIRE
CH-47 MODERNIZATION	Dev	1975	882.5	680.3	1562.8	-	2.7	214.3	217.0	885.2	894.6	1779.8	0.6	12.7	13.3	0	14	CH-47 MODERNIZATION
UH-60A (BLACK HAWK)	Proc	1971	1941.7	365.6	2307.3	-20.2	-227.0	1584.6	1337.4	1694.5	1950.2	3644.7	20.5	9.5	30.0	-12	59	UH-60A (BLACK HAWK)
YAH-64 (AAH)	Dev	1972	1875.7	1882.4	3758.1	-	-2.7	425.5	422.8	1873.0	2307.9	4180.9	-20.4	62.0	41.6	0	11	YAH-64 (AAH)
SOTAS (Division Sets)	Dev	1979	912.3	370.5	1282.8	-	5.6	12.4	18.0	917.9	382.9	1300.8	-2.0	20.0	18.0	1	1	SOTAS (Division Sets)
IFV/CFV	Dev	1972	207.4	38.0	245.4	1183.5	370.3	3941.7	5495.5	1761.2	3979.7	5740.9	1635.8	3924.2	5560.0	27	27	IFV/CFV
XM-1	Dev	1972	2392.8	2386.6	4779.4	1578.3	426.6	4135.1	6140.0	4397.7	6521.7	10919.4	285.7	247.6	533.3	11	14	XM-1
ROLAND(Fire Units)	Dev	1975	838.0	281.5	1119.5	17.8	643.0	529.4	1190.2	1498.8	810.9	2309.7	72.1	110.1	182.2	75	101	ROLAND(Fire Units)
COPPERHEAD (CLGP)	Dev	1975	842.9	397.8	1240.7	-94.9	51.4	178.2	134.7	799.4	576.0	1375.4	21.1	133.8	154.9	7	23	COPPERHEAD (CLGP)
DIVAD Gun	Dev	1978	2206.3	979.5	3185.8	59.5	22.6	61.4	143.5	2288.4	1040.9	3329.3	-9.0	54.4	45.4	1	2	DIVAD Gun
M-198	Proc	1972	111.1	10.8	121.9	-29.6	30.7	55.3	56.4	112.2	66.1	178.3	-12.8	-10.2	-23.0	38	154	M-198
NAVY																		NAVY
E-2C	Proc	1968	531.4	54.8	586.2	698.7	428.5	1303.6	2430.8	1658.6	1358.4	3017.0	109.6	204.2	313.8	35	41	E-2C
F-14A	Proc	1969	5391.4	774.6	6166.0	1379.7	1645.7	3017.2	6042.6	8416.8	3791.8	12208.6	-7.1	140.0	132.9	24	42	F-14A
F-18	Dev	1975	8016.6	4858.7	12875.3	3079.6	1426.8	6641.6	11148.0	12523.0	11500.3	24023.3	4279.3	5422.7	9702.0	13	22	F-18
P-3C	Proc	1968	1294.2	-	1294.2	964.9	708.9	2522.6	4196.4	2968.0	2522.6	5490.6	72.3	142.4	214.7	31	60	P-3C
LAMPS MK III	Dev	1976	2396.7	1510.9	3907.6	8.4	-199.6	-137.5	-328.7	2205.5	1373.4	3578.9	14.7	57.8	72.5	-8	-9	LAMPS MK III
AEGIS	Dev	1970	394.2	33.4	427.6	-	109.6	93.4	203.0	503.8	126.8	630.6	14.7	20.6	35.3	28	47	AEGIS
CAPTOR	Proc	1971	303.6	25.6	329.2	-6.4	419.3	779.1	1192.0	716.5	804.7	1521.2	78.9	191.8	270.7	141	363	CAPTOR
HARM	Dev	1978	977.8	380.1	1357.9	-15.9	15.2	29.5	28.8	977.1	409.6	1386.7	-0.7	29.5	28.8	2	3	HARM
HARPOON	Proc	1970	795.0	236.8	1031.8	-54.0	207.4	646.4	799.8	948.4	883.2	1831.6	80.9	166.4	247.3	28	74	HARPOON
PHOENIX	Proc	1963	536.4	-	536.4	87.9	290.7	870.4	1249.0	915.0	870.4	1785.4	29.6	74.5	104.1	47	116	PHOENIX
SIDEWINDER AIM-9L	Proc	1971	87.2	12.5	99.7	18.5	100.6	127.9	247.0	206.3	140.4	346.7	-7.0	-0.1	-7.1	95	132	SIDEWINDER AIM-9L
SPARROW AIM-7F	Proc	1968	453.6	-	453.6	-149.0	243.9	536.3	631.2	548.5	536.3	1084.8	5.7	43.8	49.5	80	250	SPARROW AIM-7F
TOMAHAWK	Dev	1977	1806.4	616.5	2422.9	-651.9	73.1	-292.8	-871.6	1227.6	323.7	1551.3	-664.8	-359.9	-1024.7	6	10	TOMAHAWK
TRIDENT	Proc	1974	11294.4	1136.7	12431.1	1604.8	2081.3	9428.2	13114.3	14980.5	10564.9	25545.4 b/	81.3	1484.2	1565.5	16	53	TRIDENT
MK-48 MOD 1	Proc	1972	1690.0	63.8	1753.8	-480.4	189.4	246.5	-44.5	1399.0	310.3	1709.3	-3.4	-1.2	-4.6	16	29	MK-48 MOD 1
5-inch Guided Proj	Dev	1977	349.3	151.2	500.5	-2.5	11.1	8.9	17.5	357.9	160.1	518.0	8.6	8.9	17.5	3	4	5-inch Guided Proj
8-inch Guided Proj	Dev	1977	161.2	50.2	211.4	-117.2	-	-47.5	-164.7	44.0	2.7	46.7	-117.2	-47.5	-164.7	-	-	8-inch Guided Proj
SURTASS	Dev	1975	205.9	53.4	259.3	-	122.2	133.8	256.0	328.1	187.2	515.3	15.6	10.0	25.6	59	99	SURTASS
TACTAS	Dev	1976	426.6	174.5	601.1	-69.0	151.7	198.9	281.6	509.3	373.4	882.7	211.5	210.7	422.2	42	65	TACTAS
SSN-688	Proc	1971	5126.8	620.7	5747.5	924.0	21.0	4113.7	5058.7	6071.8	4734.4	10806.2	503.8	708.6	1212.4	0	39	SSN-688
DD-963	Proc	1970	2394.6	186.6	2581.2	82.1	211.5	1477.8	1771.4	2688.2	1964.4	4352.6	72.3	120.5	192.8	9	50	DD-963
DDG-47	Proc	1978	9013.7	5069.8	14083.5	-	294.7	496.5	791.2	9308.4	5566.3	14874.7	294.7	496.5	791.2	3	6	DDG-47
CGN-38	Proc	1970	722.3	98.1	820.4	191.7	72.8	223.6	488.1	986.8	321.7	1308.5	26.8	3.3	30.1	8	16	CGN-38
LHA	Proc	1969	1291.3	89.0	1380.3	-436.9	383.3	346.3	292.7	1237.7	435.3	1673.0	94.8	8.3	103.1	45	77	LHA
FFG-7	Proc	1973	2620.4	624.1	3244.5	905.2	1665.3	6500.0	9070.5	5190.9	7124.1	12315.0	737.0	1453.2	2190.2	47	114	FFG-7
PHM	Proc	73/74	644.6	81.6	726.2	-482.7	119.6	28.9	-334.2	281.5	110.5	392.0	0.1	0.2	0.3	74	103	PHM
CVN-68 Class	Proc	67/72	1860.4	175.8	2036.2	-	280.9	458.2	739.1	2141.3	634.0	2775.3	20.6	-12.9	7.7	15	36	CVN-68 Class
AIR FORCE																		AIR FORCE
A-10	Proc	1970	1768.4	721.3	2489.7	-	525.1	1807.9	2333.0	2293.5	2529.2	4822.7	42.2	99.5	141.7	30	94	A-10
B-1	Proc	1970	9853.8	1365.0	11218.8	-8555.3	1739.4	127.3	-6688.6	3037.9	1492.3	4530.2	-66.1	-78.1	-144.2	134	4730	B-1
F-15	Proc	1970	5988.1	1367.1	7355.2	-	1444.6	4504.1	5948.7	7432.7	5871.2	13303.9	-8.2	131.3	123.1	24	81	F-15
F-16	Proc	1975	4376.8	1677.7	6054.5	2946.7	1234.3	4857.3	9038.3	8557.8	6535.0	15092.8	59.3	-3.3	56.0	17	32	F-16
E-3A (AWACS)	Proc	1970	2150.9	510.7	2661.6	-62.5	449.9	1116.7	1504.1	2538.3	1627.4	4165.7	-1.2	10.9	9.7	22	54	E-3A (AWACS)
E-4 (AABNCP)	Dev	1974	442.9	41.4	484.3	-196.6	161.8	32.5	-2.3	408.1	73.9	482.0	-153.9	-116.5	-270.4	66	185	E-4 (AABNCP)
EF-111A	Dev	1973	413.4	218.5	631.9	-	246.7	284.0	530.7	660.1	502.5	1162.6	36.2	66.0	102.2	60	84	EF-111A
PLSS	Dev	1977	678.2	276.3	954.5	-394.9	-63.7	-227.8	-686.4	219.6	48.5	268.1	-457.7	-234.0	-691.7	-22	-25	PLSS
HARM (AGM-88)	Dev	1978	704.0	348.0	1052.0	72.1	35.2	109.5	216.8	811.3	457.5	1268.8	107.3	109.5	216.8	5	7	HARM (AGM-88)
MAVERICK (LASER)	Dev	1975	277.9	89.5	367.4	-225.7	4.1	-78.9	-300.5	56.3	10.6	66.9	-172.7	-95.6	-268.3	8	155	MAVERICK (LASER)
MAVERICK (IIR)	Dev	1975	995.1	597.8	1592.9	26.7	-20.8	259.3	265.2	1001.0	857.1	1858.1	44.6	69.1	113.7	-2	12	MAVERICK (IIR)
SIDEWINDER AIM-9L	Proc	1971	115.0	18.7	133.7	68.0	114.9	188.3	371.2	297.9	207.0	504.9	-1.2	6.0	4.8	63	106	SIDEWINDER AIM-9L
SPARROW AIM-7F	Proc	1968	206.8	47.3	254.1	139.5	115.7	383.1	638.3	462.0	430.4	892.4	-23.4	-11.8	-35.2	33	68	SPARROW AIM-7F
DSCS III (Space Seg)	Dev	1977	631.1	262.5	893.6	-	-27.0	-17.4	-44.4	604.1	245.1	849.2	107.8	56.2	164.0	-4	-5	DSCS III (Space Seg)
ALCM	Dev	1977	3129.1	1054.9	4184.0	-15.1	56.8	231.4	273.1	3170.8	1286.3	4457.1	42.1	231.4	273.5	2	7	ALCM
GLCM	Dev	1977	1053.6	473.6	1527.2	-1.2	56.6	121.0	176.4	1109.0	594.6	1703.6	55.4	121.0	176.4	5	12	GLCM
PROGRAM COST SUMMARY																		PROGRAM COST SUMMARY
ARMY			16958.5	8620.8	25579.3	1315.1	1623.5	12687.5	15626.1	19897.1	21308.3	41205.4	1680.4	4282.7	5963.1	9	26	ARMY
NAVY			60786.0	17079.4	77865.4	7479.6	11074.9	39751.5	58306.0	79340.5	56830.9	136171.4	5952.6	10576.5	16529.1	16	39	NAVY
AIR FORCE			32785.1	9070.3	41855.4	-6198.3	6073.6	13698.3	13573.6	32660.4	22768.6	55429.0	-389.5	361.6	-27.9	23	56	AIR FORCE
GRAND TOTAL			110529.6	34770.5	145300.1	2596.4	18772.0	66137.3	87505.7	131898.0	100907.8	232805.8	7243.5	15220.8	22464.3	17	40	GRAND TOTAL

a/ The estimates of Program Acquisition Cost developed at the time the Secretary of Defense approved full-scale engineering development (DSARC II).
b/ TRIDENT Current Estimate excludes TRIDENT (C-4) Backfit Program Costs estimated at $3458.7M as of December 31, 1978.

Department of Defense
OASD(Comptroller)
February 14, 1979

UNCLASSIFIED

SELECTED ACQUISITION REPORTS - HIGHLIGHTS
As of December 31, 1978

Selected Acquisition Reports on 52 major acquisitions transmitted to the Congress for December 31, 1978, reflect a total Current Estimate of Program Acquisition Cost of $232,805.8M. This compares to a Current Estimate of $210,475.7M for 53 major acquisitions in the September 30, 1978 reports.

The changes in Current Estimate between September 1978 and December 1978 are summarized below:

	Current Estimate ($ Millions)
September 1978 (53 SARs)	$210,475.7
Minus Deleted SAR (Imp. HAWK)	- 1,186.2
Plus AF Annex to HARM SAR	+ 1,052.0
Adjusted 52 SARs	$210,341.5
December 1978 (52 SARs)	232,805.8
Net Changes	$+22,464.3
Reasons for Change:	
Quantity Changes	$+ 4,260.2
Engineering Changes	+ 756.3
Support Changes	+ 1,165.5
Schedule Changes	+ 416.7
Estimating Changes	+ 129.3
Contract Cost Overrun	+ 80.9
Other	+ 442.2
SOTAS Baseline Correction	- 7.6
Total in Base-Year Constant Dollars	$+ 7,243.5
Economic Escalation	$+ 2,219.4
Program Change Related Escalation	+12,993.8
SOTAS Baseline Correction	+ 7.6
Total	$+22,464.3

The net increase between September 1978 and December 1978 is $22.5B. Of the 52 programs reported in September 1978 and December 1978, the net increase is $22.3B. The difference of $0.2B represents current quarter changes to the Air Force's HARM program. The $22.3B (11%) increase includes an increase of $5,963.1M (17%) for the Army, a $16,529.1M (14%) increase for the Navy, and a $244.7M (0.4%) decrease for the Air Force. The overall cost for the 52 SAR programs is $232.8B.

The significant cost changes and program highlights reported in the SARs this quarter are summarized below:

1. COPPERHEAD - Program cost increased by $154.9M due primarily to the application of higher anticipated escalation rates ($+19.4M), and a schedule slip in the procurement program ($+122.2M).

2. IFV/CFV - Program cost increased by $5,560.0M due primarily to (a) application of higher anticipated escalation rates ($+285.7M), (b) reestablishment of a 3,162 vehicle procurement program and addition of 4,396 CFV vehicles and 1,703 IFV vehicles ($+4,754.8M), (c) engineering changes to build initial 1,478 vehicles to IFV/CFV configuration ($+482.4M), and (d) additional support requirements ($+35.3M).

3. PATRIOT - Program cost decreased by $602.1M due primarily to the net result of (a) application of higher anticipated escalation rates ($+71.4), (b) reduction of 30 firing units ($-750.0M), and (c) changes in support requirements ($+61.1M).

4. ROLAND - Program cost increased by $182.2M due primarily to the application of higher anticipated escalation rates ($+35.3M), higher support cost as a result of change to estimating procedure ($+71.9M) and a schedule increase of $72.0M necessitated by the Congressional reduction in the FY79 procurement program.

5. XM-1 - Program cost increased by $533.3M due to the application of higher anticipated escalation rates ($+224.1M), addition of the 120mm System Integration effort ($+74.0M), estimating changes ($+311.5M), and support changes ($-76.3M).

6. DD-963 - Program cost increased by $192.8M due primarily to settlement of the shipbuilder's contract claims.

7. SSN-688 Class - Program cost increased by $1,212.4M due primarily to the net result of (a) application of higher anticipated escalation rates ($+115.5M), (b) addition of one ship in FY84 ($+632.5M), (c) additional outfitting and post delivery requirements ($+49.0M), and (d) settlement of outstanding shipbuilding claims with SSN-688 builders (NNS & EBDIV) ($+412.8M).

8. LHA - Program cost increased by $103.1M due primarily to engineering changes to reflect deficiencies discovered during initial operations of LHA-1 ($+74.0M) and an increase in the Unpredictable category due to settlement of the shipbuilder's claim ($+53.6M).

9. 8-Inch Guided Projectile - Program cost decreased by $164.7M due to the deletion of the procurement program.

10. HARPOON - Program cost increased by $247.3M due primarily to the addition of 123 missiles ($+69.3M), rephasing of 357 procurement missiles ($+45.1M), additional support requirements ($+49.6M), and revised procurement estimates ($+79.5M).

11. TOMAHAWK - Program cost decreased by $1,024.7M due primarily to the net result of (a) reduction of 831 procurement missiles and reduction of platform fire control systems and launchers ($-993.7M), (b) engineering changes ($+43.4M), (c) slip in the RDT&E program of one year to improve reliability and increase commonality with ALCM and GLCM ($+70.6M), and (d) decrease in support requirements as a result of the missile reduction ($-146.6M).

12. PHOENIX (AIM-54) - Program cost increased by $104.1M due primarily to the net result of (a) reduction of 60 missiles ($-15.8M), (b) rephasing of procurement program ($+80.1M), (c) additional support requirements ($+10.4M), and (d) revised estimates ($+28.4M).

13. F-18 - Program cost increased by $9,702.0M due primarily to (a) addition of 566 aircraft ($+6,870.4M), (b) revised airframe estimates ($+590.8M), (c) additional support requirements for 566 aircraft ($+1,966.7M), (d) configuration changes ($+131.1M), and (e) application of higher anticipated escalation rates ($+143.0M).

14. E-2C - Program cost increased by $313.8M due primarily to the addition of nine aircraft systems ($+220.1M), support for additional nine aircraft ($+61.6M) and engineering changes ($+25.1M).

15. F-14A - Program cost increased by $132.9M due to the net result of (a) application of higher anticipated escalation rates($+54.4M), (b) engineering changes to the radar ($+56.7M), (c) additional spare engine requirements ($+179.0M), and (d) a rephasing of the procurement program ($-157.2M).

16. FFG-7 Class - Program cost increased by $2,190.2M due to the net result of (a) the application of higher anticipated escalation rates ($+178.3M), (b) the addition of eight ships ($+2,221.5M), (c) a revised procurement estimate ($-97.3M), and (d) engineering changes ($-112.3M).

17. DDG-47 AEGIS DESTROYER - Program cost increased by $791.2M due primarily to the application of higher anticipated escalation rates ($+337.0M), incorporation of engineering changes ($+268.7M), and revised ship estimates ($+164.9M).

18. CAPTOR - Program cost increased by $270.7M due primarily to the stretchout of the program over two additional fiscal years ($+106.4M), additional support because of the schedule stretchout ($+17.0M), revised estimates ($+127.8M), and the application of higher anticipated escalation rates ($+19.5M).

19. TRIDENT - Program cost increased by $1,565.5M due primarily to (a) a change in the shipbuilding rate and ship delivery schedule ($1,335.9M), (b) refinement of the ship estimates ($+160.9M), (c) ship contractor cost overrun ($+182.0M), (d) the application of higher anticipated escalation rates ($159.1M), and (e) reduction of 29 production TRIDENT I missiles and five development test missiles ($-211.3M).

20. P-3C - Program cost increased by $124.7M due primarily to (a) application of higher anticipated escalation rates ($13.7M), repricing of outyear spares program ($+16.2M), repricing of outyear program ($114.7M), and inclusion of the modernization program ($+70.1M).

21. TACTAS - Program cost increased by $422.2M due primarily to (a) increase of 19 units ($+149.8M), (b) system redesign ($+115.0M), (c) increase in support cost ($+95.1M), (d) program stretchout ($+13.5M), and (e) application of higher anticipated escalation rates ($+45.9M).

22. A-10 - Program cost increased by $141.7M due primarily to engineering changes ($+31.7M), schedule slip as a result of the FY79 reduction and program stretchout ($+77.2M), and additional support requirements ($+14.1M).

23. B-1 - Program cost decreased by $144.2M due primarily to the restructure of the Flight Test Program ($-94.3M), and the FY79 Congressional Budget reduction ($-50.3M).

24. EF-111A TJS - Program cost increased by $102.2M due primarily to a schedule stretchout of the procurement program ($+159.6M), deletion of two transmitters and one exciter per aircraft ($-65.1M), additional support requirements ($+11.3M), and estimating changes ($-10.0M).

25. E-4 - Program cost decreased by $270.4M due primarily to the deletion of two aircraft systems ($-265.7M) and the deletion of initial spares ($-11.5M).

26. F-15 - Program cost increased by $123.1M due primarily to the net result of (a) reduction of production rate beginning in FY80 from 6 1/2 aircraft to 5 aircraft per month ($+210.3M), (b) estimating changes ($-135.1M), (c) engineering changes ($-55.8M), (d) application of higher anticipated escalation rates ($+28.6M), and (e) revision of initial spares requirements ($+81.7M).

27. LASER MAVERICK - Program cost decreased by $268.3M due to the deletion of the procurement program and associated spares and support equipment.

28. IIR MAVERICK - Program cost increased by $113.7M due primarily to (a) the application of higher anticipated escalation rates ($+18.5M), (b) the increase of 1,442 procurement missiles ($+59.2M), (c) the increase in support items ($+17.3M), and (d) revised estimates for the first production option ($+17.1M).

29. HARM (AF) - **The cost increase of $216.8M for this program, being reported for the first time this quarter, represents the total changes** since the program baseline was approved in July 1978. The increase is due primarily to the increase of 850 missiles ($+128.7M), production repricing ($+55.3M), and the application of higher anticipated escalation rates ($+32.8M).

30. PLSS - Program cost decreased by $691.7M due primarily to the deletion of the procurement systems ($-598.2M), deletion of associated spares and support equipment ($-133.1M), and rescheduling of the development program ($+28.9M).

31. DSCS III - Program cost increased by $164.0M due to revised production cost estimates ($+137.1M), inclusion of the TITAN IIID/IUS and STS/IUS first time integration costs ($+19.6M), and the application of higher than anticipated escalation rates ($+7.3M).

32. ALCM - Program cost increased by $273.5M due primarily to the net result of (a) schedule stretchout of the R&D competition program and production program ($+132.1M), (b) engineering changes to include increased NAV/Guidance and Engine commonality with GLCM/SLCM ($+96.6M), (c) application of higher anticipated escalation rates ($+81.1M), (d) reduction in support requirements ($-22.8M), and (e) reduction of 17 missiles ($-19.1M).

33. GLCM - Program cost increased by $176.4M due primarily to (a) stretchout in the program schedule ($+91.9M), (b) estimating refinements ($+31.4M), (c) additional support requirements ($+21.9M), (d) engineering changes ($+17.1M), and (e) application of higher anticipated escalation rates ($+15.8M).

UNCLASSIFIED

DISTRIBUTION OF COST CHANGES BETWEEN DEVELOPMENT ESTIMATES AND CURRENT ESTIMATE
BY CATEGORY OF CHANGE
AS OF DEC 31 78
($ In Millions)

WEAPON SYSTEM	Base Year	Program Changes in Program Base Year Constant Dollars: Quantity Changes		Engineering		Support		Schedule		Estimating		Contr.Cost Overrun		Other a/		Total		Prog. Chge Related Escalation b/		Economic Escalation		Total Cost Changes		WEAPON SYSTEM
		This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	
ARMY																								ARMY
PATRIOT (Fire Sections)	72	-347.0	-1378.2	-	-551.1	27.5	137.2	-	237.6	8.4	442.3	-	24.5	-	-	-311.1	-1087.7	-362.4	30.4	71.4	1448.7	-602.1	391.4	PATRIOT (Fire Sections)
HELLFIRE	75	-	-1.1	-	5.3	-	-2.2	-	6.0	-0.1	0.7	-	-	-	-	-0.1	8.7	-0.7	9.9	10.3	60.6	9.5	79.2	HELLFIRE
CH-47 MODERNIZATION	75	-	-	-	-	-	-	-	-	0.6	2.7	-	-	-	-	0.6	2.7	2.1	3.2	10.6	211.1	13.3	217.0	CH-47 MODERNIZATION
UH-60A (BLACK HAWK)	71	-	-20.2	-	-25.1	-1.0	-130.6	-	-66.5	20.3	-16.5	1.2	10.5	-	1.2	20.5	-247.2	-10.8	111.9	20.3	1472.7	30.0	1337.4	UH-60A (BLACK HAWK)
YAH-64 (AAH)	72	-	-	9.5	9.5	-32.2	-41.8	-	27.3	2.3	2.3	-	-	-	-	-20.4	-2.7	-38.0	17.6	100.0	407.9	41.6	422.8	YAH-64 (AAH)
SOTAS (Division Sets)	79	-	-	4.6	4.6	-	-	-	-	1.0	1.0	-	-	-	-	5.6	5.6	1.1	1.1	11.3	11.3	18.0	18.0	SOTAS (Division Sets)
IFV/CFV	72	1434.2	1183.5	184.7	292.4	15.9	26.7	1.3	13.1	-0.3	31.9	-	7.0	-	-0.8	1635.8	1553.8	3638.5	3688.7	285.7	253.0	5560.0	5495.5	IFV/CFV
XM-1	72	-	1578.3	41.9	41.9	-3.3	9.9	-	96.5	247.1	278.3	-	-	-	-	285.7	2004.9	23.5	3554.6	224.1	580.5	533.3	6140.0	XM-1
ROLAND(Fire Units)	75	-	17.8	2.0	21.3	44.9	40.7	25.2	27.4	-	492.8	-	60.8	-	-	72.1	660.8	74.8	405.6	35.3	123.8	182.2	1190.2	ROLAND(Fire Units)
COPPERHEAD (CLGP)	75	-	-94.9	4.8	11.5	-	8.0	11.9	-6.2	2.0	33.8	1.7	2.2	0.7	2.1	21.1	-43.5	114.4	97.7	19.4	80.5	154.9	134.7	COPPERHEAD (CLGP)
DIVAD Gun	78	-	59.5	-	-	43.5	43.5	-	-	-52.5	-20.9	-	-	-	-	-9.0	82.1	0.2	7.2	54.2	54.2	45.4	143.5	DIVAD Gun
M-198	72	-5.4	-29.6	-	1.4	-1.8	0.6	-	2.8	-5.6	25.9	-	-	-	0.0	-12.8	1.1	-12.3	-0.4	2.1	55.7	-23.0	56.4	M-198
NAVY																								NAVY
E-2C	68	78.8	698.7	10.3	70.9	20.5	247.4	-	35.9	-	74.3	-	-	-	0.0	109.6	1127.2	197.2	1220.5	7.0	83.1	313.8	2430.8	E-2C
F-14A	69	-	1379.7	33.4	61.1	72.7	789.6	-113.2	317.7	-	411.8	-	60.8	-	4.7	-7.1	3025.4	85.6	2674.9	54.4	342.3	132.9	6042.6	F-14A
F-18	75	3079.6	3079.6	71.8	80.0	932.7	893.9	-	168.7	195.2	284.2	-	-	-	-	4279.3	4506.4	5279.7	5430.7	143.0	1210.9	9702.0	11148.0	F-18
P-3C	68	-	964.9	24.3	255.4	6.1	-69.8	-	414.2	41.9	104.8	-	4.3	-	-	72.3	1673.8	128.7	2239.3	13.7	283.3	214.7	4196.4	P-3C
LAMPS MK III	76	8.4	8.4	-	-72.3	6.3	-86.2	-	-27.5	-	-13.6	-	-	-	-	14.7	-191.2	9.3	-186.0	48.5	48.5	72.5	-328.7	LAMPS MK III
AEGIS	70	-	-	14.7	63.6	-	13.3	-	32.7	-	-	-	-	-	-	14.7	109.6	20.6	69.5	-	23.9	35.3	203.0	AEGIS
CAPTOR	71	-	-6.4	-	107.4	4.8	75.6	26.0	63.3	48.1	172.9	-	0.1	-	-	78.9	412.9	172.3	545.9	19.5	233.2	270.7	1192.0	CAPTOR
HARM	78	-15.9	-15.9	12.0	12.0	-	-	3.2	3.2	-	-	-	-	-	-	-0.7	-0.7	8.5	8.5	21.0	21.0	28.8	28.8	HARM
HARPOON	70	23.7	-54.0	-3.2	96.5	19.3	35.6	9.1	20.8	32.0	54.5	-	-	-	-	80.9	153.4	162.7	386.1	3.7	260.3	247.3	799.8	HARPOON
PHOENIX	63	-4.4	87.9	-	38.1	2.9	28.7	22.6	174.1	8.5	4.4	-	42.9	-	2.5	29.6	378.6	73.5	650.6	1.0	219.8	104.1	1249.0	PHOENIX
SIDEWINDER AIM-9L	71	-12.1	18.5	-	19.2	5.7	28.0	-	21.0	-0.3	32.8	-0.3	0.9	-	-1.3	-7.0	119.1	-3.4	102.2	3.3	25.7	-7.1	247.0	SIDEWINDER AIM-9L
SPARROW AIM-7F	68	5.1	-149.0	-5.1	33.5	-2.1	24.9	7.8	132.9	-	23.7	-	-	-	28.9	5.7	94.9	43.0	212.4	0.8	323.9	49.5	631.2	SPARROW AIM-7F
TOMAHAWK	77	-634.4	-651.9	33.3	83.7	-95.8	-95.8	32.1	32.1	-	53.1	-	-	-	-	-664.8	-578.8	-361.5	-294.4	1.6	1.6	-1024.7	-871.6	TOMAHAWK
TRIDENT	74	-275.8	1604.8	-	68.7	-	27.8	241.8	799.5	31.2	912.0	84.1	232.6	-	40.7	81.3	3686.1	1325.1	6021.4	159.1	3406.8	1565.5	13114.3	TRIDENT
MK-48 MOD 1	72	-	-480.4	-	9.0	0.1	-78.3	-	118.5	-3.5	140.2	-	-	-	-	-3.4	-291.0	-1.6	156.8	0.4	89.7	-4.6	-44.5	MK-48 MOD 1
5-inch Guided Proj	77	-2.5	-2.5	6.1	6.1	-	-	5.0	5.0	-	-	-	-	-	-	8.6	8.6	1.4	1.4	7.5	7.5	17.5	17.5	5-inch Guided Proj
8-inch Guided Proj	77	-117.2	-117.2	-	-	-	-	-	-	-	-	-	-	-	-	-117.2	-117.2	-47.5	-47.5	-	-	-164.7	-164.7	8-inch Guided Proj
SURTASS	75	-	-	-	36.8	-	5.3	15.6	15.4	-	57.5	-	7.2	-	-	15.6	122.2	6.2	90.1	3.8	43.7	25.6	256.0	SURTASS
TACTAS	76	81.2	-69.0	63.9	63.9	54.8	57.9	9.6	29.0	-	-1.1	-	-	2.0	2.0	211.5	82.7	155.5	102.7	55.2	96.2	422.2	281.6	TACTAS
SSN-688	71	872.2	924.0	0.9	59.6	16.1	-5.9	-48.1	14.6	-635.8	-345.8	-	-	298.5	298.5	503.8	945.0	593.1	2253.3	115.5	1860.4	1212.4	5058.7	SSN-688
DD-963	70	-5.9	82.1	6.4	14.7	-1.1	12.0	-	-2.0	9.8	38.9	17.4	94.0	45.7	53.9	72.3	293.6	120.5	855.3	-	622.5	192.8	1771.4	DD-963
DDG-47	78	-	-	185.3	185.3	6.1	6.1	-	-	103.3	103.3	-	-	-	-	294.7	294.7	159.5	159.5	337.0	337.0	791.2	791.2	DDG-47
CGN-38	70	-	191.7	-	11.2	-1.5	-1.5	-	-	28.3	63.1	-	-	-	-	26.8	264.5	3.3	173.0	-	50.6	30.1	488.1	CGN-38
LHA	69	-	-436.9	30.2	53.1	-3.2	25.1	-	10.8	-	10.5	-20.0	80.1	87.8	203.7	94.8	-53.6	8.3	276.3	-	70.0	103.1	292.7	LHA
FFG-7	73	760.1	905.2	-49.6	502.5	-	66.6	-	205.7	26.5	890.5	-	-	-	-	737.0	2570.5	1274.9	4268.1	178.3	2231.9	2190.2	9070.5	FFG-7
PHM	73/74	-	-482.7	-	0.1	0.1	0.4	-	74.0	-	19.1	-	24.7	-	1.3	0.1	-363.1	0.2	16.9	-	12.0	0.3	-334.2	PHM
CVN-68 Class	67/72	-	-	-	96.0	0.8	17.1	-	42.6	-	3.1	-	102.3	19.8	19.8	20.6	280.9	-12.9	101.8	-	356.4	7.7	739.1	CVN-68 Class
AIR FORCE																								AIR FORCE
A-10	70	-	0.0	13.0	165.7	5.6	34.3	25.3	326.3	-1.7	-24.0	-	-	-	22.8	42.2	525.1	89.6	909.9	9.9	898.0	141.7	2333.0	A-10
B-1	70	-	-8555.3	-	1117.4	-	-243.9	-42.2	609.5	-0.2	196.6	-	-	-23.7	59.8	-66.1	-6815.9	-79.0	841.0	0.9	-713.7	-144.2	-6688.6	B-1
F-15	70	-	-	-22.8	233.1	32.0	-21.8	66.9	740.2	-80.9	-126.0	-3.4	62.7	-	556.4	-8.2	1444.6	102.7	1306.5	28.6	3197.6	123.1	5948.7	F-15
F-16	75	-	2946.7	4.7	273.5	99.0	1054.4	-	-	-55.1	-116.5	-0.7	-0.7	11.4	23.6	59.3	4181.0	18.8	3314.2	-22.1	1543.1	56.0	9038.3	F-16
E-3A (AWACS)	70	-	-62.5	6.8	33.0	-3.3	-22.8	-	595.4	-4.7	-148.3	-	-2.2	-	-5.2	-1.2	387.4	3.8	775.2	7.1	341.5	9.7	1504.1	E-3A (AWACS)
E-4 (AABNCP)	74	-144.6	-196.6	-	17.4	-13.5	-21.4	5.6	80.8	-1.4	85.0	-	-	-	-	-153.9	-34.8	-116.7	-25.3	0.2	57.8	-270.4	-2.3	E-4 (AABNCP)
EF-111A	73	-	-	-39.3	-14.0	6.7	62.9	76.6	126.4	-7.8	62.7	-	8.7	-	-	36.2	246.7	59.6	267.2	6.4	16.8	102.2	530.7	EF-111A
PLSS	77	-394.9	-394.9	-2.1	-2.1	-87.7	-85.2	17.4	17.4	9.6	6.2	-	-	-	-	-457.7	-458.6	-234.8	-233.7	0.8	5.9	-691.7	-686.4	PLSS
HARM (AGM-88)	78	72.1	72.1	-	-	-	-	-	-	35.2	35.2	-	-	-	-	107.3	107.3	76.7	76.7	32.8	32.8	216.8	216.8	HARM (AGM-88)
MAVERICK (LASER)	75	-160.4	-225.7	-	-	-12.4	-29.4	-	9.9	0.1	23.6	-	-	-	-	-172.7	-221.6	-95.6	-99.2	-	20.3	-268.3	-300.5	MAVERICK (LASER)
MAVERICK (IIR)	75	26.7	26.7	-	-	8.9	-0.6	-0.1	15.1	9.1	-35.3	-	-	-	-	44.6	5.9	50.6	173.2	18.5	86.1	113.7	265.2	MAVERICK (IIR)
SIDEWINDER AIM-9L	71	-12.1	68.0	-	8.5	3.7	14.5	-	10.3	6.3	80.4	0.9	1.2	-	-	-1.2	182.9	3.3	130.3	2.7	58.0	4.8	371.2	SIDEWINDER AIM-9L
SPARROW AIM-7F	68	-33.0	139.5	-	7.2	-0.5	6.1	13.1	101.2	-3.0	-0.2	-	1.4	-	-	-23.4	255.2	-22.2	234.1	10.4	149.0	-35.2	638.3	SPARROW AIM-7F
DSCS III (Space Seg)	77	-	-	15.8	15.8	-	-	-	-	92.0	-42.8	-	-	-	-	107.8	-27.0	48.9	-32.1	7.3	14.7	164.0	-44.4	DSCS III (Space Seg)
ALCM	77	-15.1	-15.1	84.8	84.8	-22.2	-22.2	-2.5	-2.5	-2.9	-3.3	-	-	-	-	42.1	41.7	150.3	150.3	81.1	81.1	273.5	273.1	ALCM
GLCM	77	-1.2	-1.2	13.2	13.2	10.4	10.4	6.7	6.7	26.3	26.3	-	-	-	-	55.4	55.4	105.2	105.2	15.8	15.8	176.4	176.4	GLCM
SUMMARY																								SUMMARY
ARMY		1081.8	1315.1	247.5	-188.3	93.5	92.0	38.4	338.0	223.2	1274.3	2.9	105.0	0.7	2.5	1688.0	2938.6	3430.4	7927.5	844.7	4760.0	5963.1	15626.1	ARMY
NAVY		3840.9	7479.6	434.7	1956.1	1045.3	2017.8	211.5	2702.2	-114.8	3094.2	81.2	649.9	453.8	654.7	5952.6	18554.5	9402.2	27489.3	1174.3	12262.2	16529.1	58306.0	NAVY
AIR FORCE		-662.5	-6198.3	74.1	1953.5	26.7	735.3	166.8	2636.7	20.9	19.6	-3.2	71.1	-12.3	657.4	-389.5	-124.7	161.2	7893.5	200.4	5804.8	-27.9	13573.6	AIR FORCE
GRAND TOTAL		4260.2	2596.4	756.3	3721.3	1165.5	2845.1	416.7	5676.9	129.3	4388.1	80.9	826.0	442.2	1314.6	7251.1	21368.4	12993.8	43310.3	2219.4	22827.0	22464.3	87505.7	GRAND TOTAL

a/ Other includes Unpredictable, Contract Performance Incentive, and Miscellaneous Changes.
b/ Escalation associated with program changes estimated from the base year of the program involved. The escalation related to each program change and the cost of the program changes in base year dollars make up the cost of the program change in then year dollars (the actual or current cost of the change.)

Department of Defense
OASD(Comptroller)
February 14, 1979

UNCLASSIFIED

FUNDING STATUS OF SAR SYSTEMS
As of DEC 31 78
($In Millions)

Weapon System	Current & Prior Year Funds	FY 1980 Budget Funds	Balance of FYDP Funds	Balance of Program Funds	Total Current Estimate Funds
CONGRESSIONAL SAR SUBMISSION					
ARMY					
PATRIOT (Fire Sections)	$ 1,718.9	$ 569.4	$ 2,165.6	$ 1,178.0	$ 5,631.9
HELLFIRE	171.6	58.0	426.8	157.9	814.3
CH-47 MODERNIZATION	91.1	51.9	787.8	849.0	1,779.8
UH-60A (BLACK HAWK)	1,234.0	380.2	1,538.6	491.9	3,644.7
YAH-64 (AAH)	694.8	176.2	1,964.8	1,345.1	4,180.9
SOTAS (Division Sets)	74.7	66.5	432.1	727.5	1,300.8
IFV/CFV	205.9	211.3	1,175.8	4,147.9	5,740.9
XM-1	1,147.3	760.1	5,095.3	3,916.7	10,919.4
ROLAND(Fire Units)	493.4	308.2	1,444.5	63.6	2,309.7
COPPERHEAD (CLGP)	174.7	73.4	673.5	453.8	1,375.4
DIVAD Gun	94.9	25.7	2,042.3	1,166.4	3,329.3
M-198	108.7	54.7	14.9	-	178.3
NAVY					
E-2C	1,728.0	210.3	836.6	242.1	3,017.0
F-14A	8,122.9	666.1	3,188.7	230.9	12,208.6
F-18	2,190.6	1,044.0	7,899.9	12,888.8	24,023.3
P-3C	2,952.6	364.4	1,513.9	659.7	5,490.6
LAMPS MK III	407.9	177.7	1,959.5	1,033.8	3,578.9
AEGIS	574.9	8.3	47.4	-	630.6
CAPTOR	339.7	67.1	857.2	257.2	1,521.2
HARM	167.1	101.7	455.0	662.9	1,386.7
HARPOON	1,002.5	154.7	674.4	-	1,831.6
PHOENIX	1,144.5	148.1	492.8	-	1,785.4
SIDEWINDER AIM-9L	204.4	32.0	110.3	-	346.7
SPARROW AIM-7F	483.4	66.6	187.5	347.3	1,084.8
TOMAHAWK	654.5	107.2	470.3	319.3	1,551.3
TRIDENT	12,678.5	1,891.6	9,870.6	1,104.7	25,545.4
MK-48 MOD 1	1,623.1	47.4	38.8	-	1,709.3
5-inch Guided Proj	71.0	24.1	135.0	287.9	518.0
8-inch Guided Proj	40.0	1.5	5.2	-	46.7
SURTASS	169.0	166.0	180.3	-	515.3
TACTAS	74.9	27.8	320.1	459.9	882.7
SSN-688	7,968.4	522.9	2,261.6	53.3	10,806.2
DD-963	4,338.7	7.0	6.9	-	4,352.6
DDG-47	979.6	825.4	7,620.3	5,449.4	14,874.7
CGN-38	1,299.8	8.5	0.2	-	1,308.5
LHA	1,655.6	11.2	6.2	-	1,673.0
FFG-7	5,430.5	1,261.5	5,401.1	221.9	12,315.0
PHM	376.5	3.1	12.4	-	392.0
CVN-68 Class	2,745.0	8.0	5.4	16.9	2,775.3
AIR FORCE					
A-10	3,303.8	904.5	614.4	-	4,822.7
B-1	4,431.6	54.9	43.7	-	4,530.2
F-15	10,698.1	989.5	1,616.3	-	13,303.9
F-16	4,061.8	1,699.6	7,100.4	2,231.0	15,092.8
E-3A (AWACS)	3,072.7	406.9	686.1	-	4,165.7
E-4 (AABNCP)	453.6	24.5	3.9	-	482.0
EF-111A	353.4	69.9	739.3	-	1,162.6
PLSS	133.8	21.8	112.5	-	268.1
HARM (AGM-88)	6.1	0.8	637.7	624.2	1,268.8
MAVERICK (LASER)	66.9	-	-	-	66.9
MAVERICK (IIR)	58.3	50.5	1,034.9	714.4	1,858.1
SIDEWINDER AIM-9L	328.0	87.3	89.6	-	504.9
SPARROW AIM-7F	489.8	145.3	257.3	-	892.4
DSCS III (Space Seg)	174.8	47.2	404.0	223.2	849.2
ALCM	1,014.0	475.4	1,872.6	1,095.1	4,457.1
GLCM	71.9	69.1	1,007.3	555.3	1,703.6
SUMMARY (% of Total) a/					
ARMY	6,210.0(15.0)	2,735.6(6.6)	17,762.0(43.1)	14,497.8(35.1)	41,205.4(100.0)
NAVY	59,423.6(43.6)	7,954.2(5.8)	44,557.6(32.7)	24,236.0(17.7)	136,171.4(100.0)
AIR FORCE	28,718.6(51.8)	5,047.2(9.1)	16,220.0(29.2)	5,443.2(9.8)	55,429.0(100.0)
GRAND TOTAL	$ 94,352.2(40.5)	$ 15,737.0(6.7)	$ 78,539.6(33.7)	$ 44,177.0(18.9)	$232,805.8(100.0)

a/ Percent of total may not equal 100% because of roundoff.

Department of Defense
OASD(Comptroller)
February 14, 1979