

# Appendix 13C. Register of the transfers and licensed production of major conventional weapons, 2002

BJÖRN HAGELIN, PIETER D. WEZEMAN, SIEMON T. WEZEMAN and NICHOLAS CHIPPERFIELD

The register in table 13C.1 lists major weapons on order or under delivery, or for which the licence was bought and production was under way or completed during 2002. Sources and methods for data collection are explained in appendix 13D. Entries in table 13C.1 are alphabetical, by recipient, supplier and licensor. 'Year(s) of deliveries' includes aggregates of all deliveries and licensed production since the beginning of the contract. 'Deal worth' values in the Comments column refer to real monetary values as reported in sources and not to SIPRI trend-indicator values. Conventions, abbreviations and acronyms are explained below the table. For cross-reference, an index of recipients and licensees for each supplier can be found in table 13C.2.

**Table 13C.1.** Register of transfers and licensed production of major conventional weapons, 2002, by recipients

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
<b>Afghanistan</b>							
S: Russia	1 (5) (10) (200)	An-12/Cub-A Mi-24D/Mi-25/Hind-D Mi-8T/Hip-C AT-4 Spigot/9M111	Transport aircraft Combat helicopter Helicopter Anti-tank missile	(2002) (2002) (2002) (2002)	2002 2002 2002	(1) (5) (3) ..	Ex-Russian; aid Ex-Russian; aid Ex-Russian; aid; delivery 2002–2003 Ex-Russian; aid
<b>Albania</b>							
S: Italy	(1)	Bell-206/AB-206	Light helicopter	(2002)	2002	(1)	Probably ex-Italian
<b>Algeria</b>							
S: China	(24)	C-802/CSS-N-8 Saccade	Anti-ship missile	(1999)	2000–2002	(24)	For Djebel Chinoise Class FAC
Czech Republic	17	L-39Z Albatros	Jet trainer aircraft	2001	2002	(17)	Deal worth \$30 m; L-39ZA version

Russia	42	Mi-17/Hip-H	Helicopter	2002	2002	(6)	Deal worth \$180 m, Mi-171 armed version; delivery 2002-2003
	22	Su-24MK/Fencer-D	Bomber aircraft	2000	2001-2002	(22)	Ex-Russian; probably modernized before delivery
	3	Drum Tilt	Fire control radar	(1997)	2000	1	For modernization of 3 Koni (Mourad Rais) Class frigates
	(24)	TEST-71 533mm	AS/ASW torpedo	(1997)	2000-2002	(12)	For modernized Koni (Mourad Rais) Class frigates; designation uncertain
	6	Pozitiv-ME1.2	Air/sea surv radar	(1997)	2000	2	For modernization of 3 Koni (Mourad Rais) Class frigates and 3 Nanuchka (Hamidou) Class corvettes
	3	Plank Shave	Air surv radar	(1997)	2000	1	For modernization of 3 Nanuchka (Hamidou) Class corvettes
	(96)	SS-N-25/Kh-35 Uran	Anti-ship missile	1998	2000-2002	(48)	For modernized Nanuchka (Hamidou) Class corvettes
USA	6	Beech-1900D HISAR	AGS aircraft	2000	2001-2002	(6)	Incl for SIGINT and use against GIA rebels
Ukraine	(36)	MiG-29/Fulcrum-A	Fighter aircraft	(1998)	2000	5	Ex-Ukrainian; status of last 31 uncertain
<b>Angola</b>							
S: Belarus	(15)	Su-27S/Flanker-B	Fighter aircraft	(1999)		..	Probably ex-Belarusian; supplier could be Ukraine; status uncertain
Peru	2	EMB-120 Brasilia	Transport aircraft	2002	2002	2	Ex-Peruvian; EMB-120ER version
	6	EMB-312 Tucano	Trainer aircraft	2002		..	Ex-Peruvian; deal worth \$4.8 m
<b>Argentina</b>							
S: Italy	(16)	RAT-31S/L	Air surv radar	1999	2000-2002	(16)	Part of \$185 m deal with US company for civilian/military NRP air surveillance system
Netherlands	6	DA-05	Surveillance radar	(1979)	1985-2002	6	For 6 MEKO-140 Type (Espora Class) frigates
	6	WM-28	Fire control radar	(1979)	1985-2002	6	For 6 MEKO-140 Type (Espora Class) frigates
Spain	18	C-212 Aviocar	Transport aircraft	2002		..	Ex-Spanish
L: Germany	6	MEKO-140 Type	Frigate	1979	1985-2002	6	Argentine designation Espora Class; delivery of last 2 delayed some 10 years for lack of funding

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
<b>Australia</b>							
S: Canada	68	Piranha 8x8	APC	1998	2002	(25)	Deal worth \$180–210 m incl licensed production of 82 IFV version; incl 5 ambulance, 5 ARV, 16 CP, 5 radar reconnaissance and 11 repair version; Australian designations ASLAV-PC/R/A/C/S/F; assembled in Australia; delivery 2002–2005
Germany	259	Waran	APC	2002		..	Project Land-106 Phase-2; Australian M-113A1 APCs rebuilt to Waran; delivery until 2009
Israel	(18)	EL/M-2022	MP aircraft radar	1995	2002	6	Part of Project Air-5276 worth \$372–495 m for modernization of 18 P-3C ASW/MP aircraft to AP-3C Sea Sentinel version by US company; delivery of aircraft 2002–2004
Multiple sellers	22	AS-665 Tiger	Combat helicopter	2001		..	Project Air-87 worth \$670 m (offsets incl production of components and production of EC-120 helicopter for Asian market); bought from France and Germany; Aussie Tiger version; incl 4 assembled in France and 18 assembled in Australia; delivery 2004–2007
Norway	(200)	MU-90 Impact	ASW torpedo	2000		..	Project Djimindi worth \$88 m or \$200 m; producers are Germany, Italy and France
	(60)	Penguin Mk-2-7	Anti-ship missile	1998	2001–2002	(60)	Project Sea-1414 Phase-1 worth \$40–49 m (offsets incl production of warheads in Australia); for SH-2G helicopters
Sweden	(60)	Penguin Mk-2-7	Anti-ship missile	1999	2002	(20)	Project Sea-1414 Phase-2 worth \$36–49 m; for SH-2G helicopters; delivery 2002–2003
	8	9LV	Fire control radar	(1991)	1996–2002	4	9LV453 version; for 8 MEKO-200ANZ Type (Anzac Class) frigates; incl for use with Seasparrow SAM
UK	8	Sea Giraffe-150	Air/sea sury radar	1991	1996–2002	4	For 8 MEKO-200ANZ Type (Anzac Class) frigates
	6	MSTAR	Battlefield radar	1999	2002	(6)	Project NINOX worth \$32 m incl 55 licensed production; Australian designation AMSTAR

USA	20	Rapier	SAM system	2001	2002	(20)	Ex-UK; Project Land-140 worth \$8 m; modernized before delivery; Rapier BIM version
	(400)	ASRAAM	SRAAM	1998	2000-2002	(400)	Deal worth \$62 m; for F/A-18 FGA aircraft
	4	Boeing-737 AEW	AEW&C aircraft	2000	..	..	Wedgetail programme worth \$1.6-1.8 b; Australian designation A-30; option on 2 more; delivery from 2007
	7	King Air-350/C-12S	Light transport ac	2002	..	..	Lease worth \$170 m; for training; delivery from 2003
	11	SH-2G Super Seasprite	AS/ASW helicopter	1997	2001-2002	(8)	Ex-US SH-2F rebuilt to SH-2G(A) version; Project Sea 1411 worth \$421-574 m (incl \$67 m for 10-year support); incl some assembly in Australia
	71	AN/APG-73	Combat ac radar	2000	2002	(30)	For modernization of 71 F/A-18 FGA ac; delivery 2002-2003
	(400)	AIM-120B AMRAAM	BVRAAM	(2000)	2001-2002	(250)	Project Air-5400
	(676)	Javelin	Anti-tank missile	(2002)	..	..	Project Land-40-1 worth \$90-102 m; contract not yet signed
	51	Popeye-1	ASM	1998	2001-2002	(30)	Project Air-5398 worth \$90 m; AGM-142E version; for F-111C/G bomber aircraft
	8	Mk-45 127mm/54	Naval gun	(1989)	1996-2002	4	Mk-45 Mod-2 version; for 8 MEKO-200ANZ Type (Anzac Class) frigates
	8	AN/SPS-49	Air surv radar	1993	1996-2002	4	AN/SPS-49V(8) version; for 8 MEKO-200ANZ Type (Anzac Class) frigates
	(64)	RGM-84 Harpoon	Anti-ship missile	(2002)	..	..	Deal worth \$90 m; RGM-84L version; for MEKO-200ANZ Type (Anzac Class) frigates; contract not yet signed
(672)	RIM-7PTC ESSM	SAM	2002	..	..	For MEKO-200ANZ Type (Anzac Class) and modernized Adelaide (Perry) Class frigates; delivery probably from 2003	
L: Canada	82	Piranha/LAV-25	IFV	1998	..	..	Deal worth \$180-210 m incl direct delivery of 68 APC version; Australian designation ASLAV-25; delivery 2003-2005

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
Germany	8	MEKO-200ANZ Type	Frigate	1989	1996-2002	4	Deal worth \$3.2 b (incl \$555 m for 2 ordered by New Zealand); Australian designation Anzac Class; delivery 1996-2006; part of deal incl 2 produced in Australia for New Zealand
Italy	6	Gaeta Class	MCM ship	1994	1999-2002	6	Sea-1555 programme worth \$515-636 m; Australian designation Huon Class
UK	55	MSTAR	Battlefield radar	1999	2002	(10)	Project NINOX worth \$32 m incl direct delivery of 6; Australian designation AMSTAR; delivery from 2002
<b>Austria</b>							
S: UK	3	C-130K Hercules	Transport aircraft	2002	2002	1	Ex-UK; deal worth \$36 m; modernized before delivery; delivery 2002-2003
USA	9	S-70A/UH-60L	Helicopter	2000	2002	(9)	Deal worth \$183 m (incl \$47 import duties; offsets worth \$394 m); incl for SAR; S-70A-42 version; option on 3 more
<b>Bahrain</b>							
S: UK	6	Hawk-100	FGA/trainer ac	(2002)		..	Hawk-127 version; possibly option on 6 more
	3	T-67 Firefly	Trainer aircraft	2002	2002	3	T-67M260 version
USA	26	AIM-120B AMRAAM	BVRAAM	1999	2002	(13)	Deal worth \$110 m; delivery probably 2002-2003
	30	MGM-140A ATACMS	SSM	2000	2002	30	Deal worth \$20 m
<b>Bangladesh</b>							
S: Italy	(8)	Otomat Mk-2	Anti-ship missile	(1998)	2002	(8)	For DW-2000H Type (Bangabandhu Class) frigate
Russia	78	BTR-80	APC	2001	2001-2002	78	Deal worth \$16 m; financed by UN for use by Bangladeshi UN peacekeeping forces

<b>Belgium</b>									
S: Israel	18	B-Hunter UAV	UAV	1998	2001–2002	(18)	Deal worth \$72.7 m incl 3 control systems		
USA	(92)	AN/APG-66	Combat ac radar	1993	1996–2002	(74)	For MLU modernization of 92 F-16A/B FGA ac to F-16AM/BM (F-16C/D) version; delivery 1996–2004		
	(562)	BGM-71 TOW	Anti-tank missile	2001	2002	(281)	BGM-71E TOW-2A version; delivery 2002–2003		
<b>Bosnia and Herzegovina</b>									
S: Unknown	5	Mi-24V/Mi-35/Hind-E	Combat helicopter	1998		..	Second-hand; aid; possibly in storage in Turkey; status uncertain		
<b>Brazil</b>									
S: Canada	3	IRIS	AGS radar	1997	2002	(2)	Deal worth \$143 m; part of SIVAM air-surveillance network; for ERJ-145RS/R-99B AGS aircraft produced in Brazil		
France	8	AS-532U2/AS-332L2	Helicopter	2001	2002	(2)	Deal worth \$160 m; assembled in Brazil; delivery 2002–2004		
	9	Ocean Master	MP aircraft radar	(2002)		..	Part of deal worth \$326 m for modernization of 9 P-3A ASW/MP aircraft to P-3BR version; designation uncertain; delivery from 2005		
Israel	(8)	MM-40 Exocet	Anti-ship missile	(1995)		..	For Barroso Class frigate		
	12	Kfir C7	FGA aircraft	2002		..	Ex-Israeli Kfir C7 modernized to Kfir C10 version before delivery; 5-year lease worth \$91 m		
Italy	54	Grifo	Combat ac radar	(2000)		..	For modernization of AMX (A-1A) FGA aircraft		
	48	Grifo	Combat ac radar	2000	2002	(1)	For modernization of F-5E FGA aircraft to F-5BR version by Israeli company; delivery 2002–2006		
	7	RAN-20S	Air/sea surv radar	1995	2001–2002	3	Deal worth \$111.5 m incl 13 RTN-30X radars and 6 Albatros SAM systems; for 1 Barroso Class frigate produced in Brazil and modernization of 6 Niteroi Class frigates; delivery of ships 2001–2006		
	13	RTN-30X	Fire control radar	1995	2001–2002	6	See previous comment		
	(144)	Aspide Mk-1	SAM	1996	2001–2002	(72)	Deal worth \$48.5 m; for 6 modernized Niteroi Class frigates; delivery of ships 2001–2004		

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
Spain	12	CASA C-295M	Transport aircraft	2002		..	CL-X programme (part of Phoenix Programme) worth \$270 m; delivery from 2004
Sweden	5	PS-890 Erieye	AEW radar	1997	2002	(3)	Deal worth \$143 m; part of SIVAM programme; for ERJ-145 AEW&C/R-99A AEW aircraft produced in Brazil
	..	Torpedo-2000	AS/ASW torpedo	1999		..	Deal worth \$59.7 m; for Type-209/1400 (Tikuna and possibly Tupi Class) submarines
UK	(12)	L-118	Towed gun	(2000)	2002	(12)	Ex-Italian aircraft bought back by US producer and sold to Brazil; C-X programme worth \$66-70 m
USA	10	C-130H Hercules	Transport aircraft	2001	2001-2002	(10)	Ex-US; P-X programme; modernized in Spain to P-3BR before delivery; 3 more for spares only
	9	P-3A Orion	ASW/MP aircraft	2002		..	Deal worth \$39 m; could be AGM-84 version; status uncertain
	20	RGM-84 Harpoon	Anti-ship missile	(1999)		..	
<b>L:</b> Germany	1	Type-209/1400	Submarine	1995		..	Brazilian designation Tikuna Class; 1 more planned but cancelled; delivery after 2006
<b>Brunei</b>							
<b>S:</b> France	(19)	VAB-VTT NG	APC	(1999)	2001-2002	(19)	Incl 6 ambulance version
	(36)	MM-40 Exocet	Anti-ship missile	2000		..	For 3 Yarrow-95m Type frigates; MM-40 Block-2 version
Indonesia	3	CN-235MPA	MP aircraft	(1995)		..	Status uncertain
UK	3	Yarrow-95m Type	Frigate	1998		..	Bruneian designation Nakhoda Ragam Class; delivery from 2003
	(96)	Seawolf VL	SAM	(2001)		..	For 3 Yarrow-95m Type frigates

<b>Canada</b>										
<b>S:</b>	Italy	15	EH-101-500	Helicopter	1998	2001-2002	(11)	Deal worth \$404-500 m (offsets 110%); for SAR; Canadian designation CH-149 or AW-520 Cormorant; delivery 2001-2003		
	UK	4	Hawk-100	FGA/trainer ac	2000		2	For civilian company for training of pilots from Canadian and other air forces under NATO Flying Training in Canada (NFTC) programme; Hawk Mk-115 version; Canadian designation CT-155		
		4	Upholder Class	Submarine	1998	2000-2002	3	Ex-UK; lease worth \$504 m; in exchange for 8-year UK use of Canadian bases for training; Canadian designation Victoria Class; delivery 2000-2003		
	USA	2	PC-9/T-6A Texan-2	Trainer aircraft	2002		..	For civilian company for training of pilots from Canadian and other air forces under NATO Flying Training in Canada (NFTC) programme; T-6A-1 version; Canadian designation CT-156 Harvard-2		
		80	AN/APG-73	Combat ac radar	2001		..	For modernization of 80 CF-18 (F/A-18) FGA aircraft to CF-18IMP version; delivery from 2003		
		47	MSTAR	Battlefield radar	2001	2002	(23)	Deal worth \$13 m; for Piranha-3 APC (artillery fire control version); delivery 2002-2003		
		12	RGM-84 Harpoon	Anti-ship missile	1998	2000-2002	(12)	Deal worth \$20 m		
		12	RIM-66M Standard-2	SAM	2002		..	Deal worth \$19 m		
		(288)	RIM-7PTC ESSM	SAM	2001		..	For 12 modernized Halifax Class frigates; delivery 2004-2010		
<b>L:</b>	Switzerland	171	Piranha/LAV-25	IFV	(1999)	2002	(80)	Incl 71 tank-destroyer, 39 AEV and 47 artillery fire control version; Canadian designation Kodiak; delivery 2002-2004		
<b>Chile</b>										
<b>S:</b>	France	4	AS-350/550 Fenec	Light helicopter	2001	2002	(4)	AS-350B version		
		(16)	MM-40 Exocet	Anti-ship missile	(2002)		..	For Boxer (Williams) Class frigate; contract not yet signed		



Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	1	Scorpene Class	Submarine	1997		..	Neptune Programme worth \$400 m incl 1 from Spain; Chilean designation Hyatt Class; delivery 2004
Israel	(84)	Derby	BVRAAM	(2001)	2002	(42)	For modernized F-5E (Tigre-3) FGA aircraft
	(84)	Python-4	BVRAAM	(2001)	2001-2002	(84)	For Tigre-3 (modernized F-5E) FGA aircraft
Italy	(114)	M-113A2	APC	(1996)	2002	(114)	Ex-Italian; deal incl also 14 M-548A1 vehicles
Netherlands	6	BrPz-1 Biber	ABL	(2001)	2002	6	Ex-Dutch; modernized before delivery; incl 3 bridge-carrying version
	2	Leopard-1 chassis	Tank chassis	2001	2002	(2)	Ex-Dutch; Leopard-1 tanks modified to mine-clearer/AEV before delivery
Spain	3	PiPz-1	AEV	2001	2002	3	Ex-Dutch; modernized before delivery
	1	Scorpene Class	Submarine	1997		..	Neptune Programme worth \$400 m incl 1 from France; Chilean designation Hyatt Class; delivery 2006
UK	(24)	Seawolf	SAM	(2002)		..	For Boxer (Williams) Class frigate; contract not yet signed
	1	Boxer Class	Frigate	(2002)		..	Ex-UK; deal worth \$15 m; contract not yet signed; delivery 2003
USA	10	F-16C	FGA aircraft	(2002)		..	Caza-2000 or F-2000 Programme worth \$660 m (offsets 100%); F-16C/D Block-50/52 version; contract not yet signed; delivery from 2005-2007
<b>China</b>							
S: France	(14)	Castor-2	Fire control radar	(1986)	1994-2002	(14)	For 2 Luhai Class (Type-052), 1 Luhai Class and modernization of 3 Luda-1 Class (Type-051) destroyers and for 8 Jiangwei-2 Class frigates; probably assembled or produced in China; for use with Crotale EDIR (Chinese designation HQ-7) SAM system
	(336)	R-440 Crotale	SAM	1986	1990-2002	(336)	See previous comment

Israel	..	EL/M-2032	Combat ac radar	(2000)	..	For FC-1 FGA aircraft; status uncertain
Russia	(4)	A-50U Mainstay	AEW&C aircraft	(2001)	..	No. ordered could be up to 5; ordered after Israel (under US pressure) refused delivery of ordered AEW&C aircraft; delivery possibly from 2003
	(1)	Il-76M/Candid-B	Transport aircraft	(2000)	1	Possibly newly produced aircraft from Uzbekistan sold via Russia; possibly modernized in Russia before delivery
	28	Su-27SK/Flanker-B	FGA aircraft	1999	28	Deal worth \$1 b; payment for Russian debt to China; Su-27UBK trainer version
	50	Su-27SK/Flanker-B	FGA aircraft	1996	(32)	Assembled in China; deal worth \$1.46-2.5 b incl 150 licensed production; Chinese designation J-11; delivery 1998-2007/2008 incl 150 licensed production
	38	Su-30MK/Flanker	FGA aircraft	2001	(19)	Deal worth \$2 b; Su-30MKK version; delivery 2002-2003
	24	Su-30MK/Flanker	FGA aircraft	(2002)	..	Deal worth \$1 b; Su-30MK2 naval attack version
	(3 720)	AA-11 Archer/R-73	SRAAM	(1995)	(1 400)	For Su-27SK and Su-30MKK FGA aircraft
	(100)	AA-12 Adder/R-77	BVRAAM	(2000)	(100)	For Su-30MKK and Su-27UBK FGA aircraft; Chinese designation R-129
	..	AS-17/Kh-31A1	Anti-ship missile	(1997)	..	For Su-30MKK, J-8MIIM and/or JH-7 FGA aircraft; may incl assembly or licensed production in China; status uncertain
	..	AS-17/Kh-31P1	Anti-radar missile	(1998)	(20)	Incl for Su-30MKK FGA aircraft; possibly licensed production as KR-1
	(4)	SA-10e/S-300PMU-2	SAM system	2001	..	Deal worth \$400 m (partly payment for Russian debt to China)
	..	SA-10 Grumble/48N6	SAM	2001	..	For SA-10e/S-300PMU-2 SAM systems
	100	Zhuk	Combat ac radar	2001	(11)	Zhuk-8 version; for modernization of J-8-II fighter ac
	1	Zmei/Sea Dragon	Airborne MP radar	2002	..	For use on balloon for surveillance of Taiwan Strait
	(64)	SS-N-27/3M54E1	Anti-ship missile	2002	..	For modernized Kilo Class submarines
	8	Kilo Class/Type-636E	Submarine	2002	..	Deal worth \$1.5-1.6 b; delivery before 2008
	2	Sovremenny Class	Destroyer	2002	..	Type-956EM version; deal worth \$1-1.4 b; option on 2 more; delivery 2006

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	(132)	SA-17 Grizzly/9M38M2	SAM	(2001)		..	SA-N-12/9M38M2 version for Sovremenny Class destroyers; designation uncertain
UK	(6)	Searchwater	AEW radar	1996	1999	(1)	Deal worth \$62-66 m; for Y-8 AEW and MP aircraft or possibly SA-341/Z-8 helicopters
Ukraine	4 (1 860)	Kolchnya AA-10a/b Alamo/R-27	Air surv system BVRAAM	(2000) (1995)	2002 1996-2002	(4) (700)	Also designated Kolchuga For Su-27SK and Su-30MKK FGA aircraft; some could be delivered from Russia
	(1 860)	AA-10c/d Alamo/R-27E	BVRAAM	(1995)	1996-2002	(700)	For Su-27SK and Su-30MKK FGA aircraft
L: France	..	AS-365/AS-565	Helicopter	1988	1992-2002	(21)	Chinese designation Z-9A or Z-9A-100 Haitun and Z-9B/C/G; incl Z-9C ASW and WZ-9 anti-tank versions
Russia	(150)	Su-27SK/Flanker-B	FGA aircraft	1996		..	Deal worth \$1.46 b-\$2.5 b incl 50 assembled in China; Chinese designation J-11; delivery 1998-2007/2008 incl 50 assembled in China
<b>Colombia</b>							
S: Russia	6	Mi-17/Hip-H	Helicopter	2001	2002	6	Deal worth \$36 m; Mi-17-1V version
Spain	2	CN-235	Transport aircraft	(2001)	2002	2	Second-hand; CN-235-200 version; for navy; for anti-narcotic operations; deal worth \$11 m
USA	(42)	Bell-205/UH-1H	Helicopter	(2000)	2002	(21)	Ex-US; deal worth \$323 m; part of \$1.3 b Plan Colombia anti-narcotics aid; modernized to Huey-II before delivery; delivery from 2002
	1	C-130B Hercules	Transport aircraft	2002	2002	1	Ex-US; aid; for anti-narcotics operations
	1	Cessna-560 AEW	AEW aircraft	(2002)	2002	1	
	5	K-1200 K-MAX	Helicopter	2002	2002	5	Originally for Peru; for police anti-narcotics operations
	(2)	OV-10A Bronco	Ground attack ac	(2000)	2002	2	Ex-US; aid

5	SA-2-37	Reconnaissance ac	2000	2001-2002	(5)	Part of S.1.3 b Plan Colombia anti-narcotics aid; SA-2-37B version
<b>Congo (DRC)</b>						
S: Belgium	1	Mi-26/Halo	Helicopter	(2001)	2002	1 Second-hand
<b>Côte d'Ivoire</b>						
S: Angola	(2)	BMP-2	IFV	2002	2002	(2) Ex-Angolan; to fight rebels
Unknown	(2)	Mi-24D/Mi-25/Hind-D	Combat helicopter	(2002)	2002	(2) Second-hand; leased from and operated by South African mercenary company to fight rebels
<b>Croatia</b>						
S: Italy	4	Falcon-2	Sea surv radar	1998	2001-2002	(4) For coastal surveillance
<b>Czech Republic</b>						
S: Italy	72	Grifo	Combat ac radar	(1998)	2000-2002	(52) For 72 L-159A FGA/trainer ac; Grifo-L version
Russia	2	RAT-31S/L	Air surv radar	2002	..	.. Part of NADGE (NATO Air Defence Ground Environmental) network; RAT-31DL version
	3	An-70	Transport aircraft	2002	..	.. Deal worth \$195 m; payment for Russian debt to Czech Republic; delivery 2005-2006
	2	Mi-17/Hip-H	Helicopter	(2002)	..	.. Payment for Russian debts to Czech Republic; delivery 2003
	7	Mi-24V/Mi-35/Hind-E	Combat helicopter	2002	..	.. Ex-Russian; payment for Russian debt to Czech Republic; delivery 2006
USA	(150)	AIM-9M Sidewinder	SRAAM	2002	2002	(150) Deal worth \$35 m; for protection of NATO summit meeting in Prague; for L-159 FGA/trainer aircraft
<b>Denmark</b>						
S: Finland	11	XA-185	APC	2001	2001-2002	11 Ex-Finnish; ambulance version; lease for use with Danish peacekeeping forces in Bosnia and Kosovo
Germany	(16)	MU-90 Impact	ASW torpedo	1999	2001-2002	(8) For Flyvefisker FAC

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
UK	14	EH-101-500	Helicopter	2001		..	Deal worth \$329 m (offsets incl production of EH-101 components in Denmark); incl for SAR; delivery 2004-2006
USA	3	C-130J-30 Hercules	Transport aircraft	2000		..	Delivery from 2003; option on 1 more
	2	Mk-45 127mm/54	Naval gun	2002		..	Ex-US; modernized to Mod-4 version before delivery; deal worth \$30 m; for 2 LSS-FS Type frigates
	(36)	RIM-7PTC ESSM	SAM	2002		..	For LSS-FS Type frigates
	(180)	RIM-7M Seasprow	SAM	(1994)	1998-2002	(150)	For Flyvefisken Class FAC/MCM ships and modernized Niels Juel Class frigates
<b>Dominican Republic</b>							
S: Brazil	10	EMB-314 Super Tucano	Trainer aircraft	(2001)		..	Incl for anti-narcotics operations; delivery 2003-2004
<b>Ecuador</b>							
S: Chile	4	T-35 Pillan	Trainer aircraft	(2002)	2002	(4)	
<b>Egypt</b>							
S: Austria	170	M-60A1 Patton-2	Main battle tank	2001	2002	170	Ex-Austrian; deal worth \$27 m
China	35	K-8 Karakorum-8	Jet trainer aircraft	1999	2001-2002	(24)	Deal worth \$345 m incl 45 licensed production; K-8E version; incl 25 assembled in Egypt
Germany	74	G-115D	Trainer aircraft	2000	2000-2002	(74)	G-115EG version
	5	Combattante-2 Type	FAC(M)	(2002)	2002	1	Ex-German; German designation Type-148 or Tiger Class; delivery 2002-2003
USA	1	Lüneburg Class	Support ship	2002		..	Ex-German; delivery 2003
	1	Westerwald Class	Support ship	2002		..	Ex-German; delivery 2003
	1	E-2C Hawkeye	AEW&C aircraft	2001		..	Ex-US; aid; modernized to Hawkeye-2000 before delivery under deal worth \$25 m

24	F-16C	FGA aircraft	1999	2001-2002	(24)	Peace Vector-6 deal worth \$1.2 b; incl 12 F-16D version
201	M-109A2	Self-propelled gun	(2001)		..	Ex-US; deal worth \$77 m; status uncertain
26	M-270 MLRS	MRL	2001		..	Deal worth \$354 m incl rockets, 3 M-88A2 ARVs and 30 M-113A2 APC/CPs; FMF aid; delivery probably 2003
30	M-113A2	APC	2001	2001-2002	(30)	See previous comment
3	M-88A2 Hercules	ARV	2001		..	See previous comment
50	M-88A2 Hercules	ARV	1998	2000-2002	(50)	Deal worth \$197.9 m; assembled in Egypt
13	M-88A2 Hercules	ARV	(2001)		..	Deal worth \$73 m; assembled in Egypt
5	AN/APS-145	AEW radar	1999	2002	(1)	Deal worth \$138 m; for modernization of 5 E-2C AEW&C aircraft to Hawkeye-2000 version
6	AN/SPS-48	Air surv radar	2001		..	Deal worth \$143 m; AN/SPS-48E version; delivery by 2006
4	Phalanx Mk-15	CIWS	2001		..	Ex-US; deal worth \$0.83 m; modernized before delivery incl 1 to Block-1B version
(576)	FIM-92A Stinger	Portable SAM	2000	2002	(263)	For 24 Avenger SAM systems
(42)	RGM-84 Harpoon	Anti-ship missile	1998	2000-2002	(42)	
4	Ambassador Type	FAC(M)	2000		..	Deal worth \$400 m; Ambassador Mk-3 version; delivery 2004-2005
L: China	45	K-8 Karakorum-8	2000		..	Deal worth \$345 m incl direct delivery of 35; K-8E version
Finland	..	155-GH-52	(1999)	2002	(1)	Deal worth \$17-21 m incl direct delivery of 2
USA	100	M-1A1 Abrams	1999	2002	(45)	Deal worth \$564 m; delivery 2002-2003
	100	M-1A1 Abrams	2001		..	Deal worth \$590 m; delivery 2004-2005
<b>Eritrea</b>						
S: Russia	(8)	MiG-29S/Fulcrum-C	(1999)	2001-2002	(8)	
<b>Estonia</b>						
S: USA	4	R44	2001	2002	4	Aid worth \$2 m

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	1	AN/TPS-117	Air surv radar	2001		..	Deal worth \$12 m; part of BALNET air-surveillance network
<b>Ethiopia</b>							
S: Bulgaria	(140)	T-55	Main battle tank	(1998)	1999-2002	(140)	Ex-Bulgarian; may incl some from Ukraine and/or Romania sold via Bulgaria; status of last 40 uncertain
<b>Finland</b>							
S: France	(540)	Mistral	Portable SAM	(1989)	1990-2002	(540)	For Sako (modified SADRAL) SAM system on Hamina, Hameenma and Pohjanmaa Class minelayers and on Helsinki and Rauma Class FAC Ex-German; deal worth \$66 m; delivery 2003-2004
Germany	124	Leopard-2A4	Main battle tank	2002		..	For 2 Hamina Class FAC; assembled in Finland
Israel	2	TRML-CS	Air/sea surv radar	2002		..	Deal worth \$30 m; assembled or produced in Germany; Spike-2.5 version
	..	Spike-MR/LR	Anti-tank missile	2000		..	Deal worth \$350 m (\$520 m incl support) incl licensed production of 18; supplied by France and Germany; delivery 2004
Multiple sellers	2	NH-90 TTH	Helicopter	2001		..	For 2 Hamina Class FAC
Netherlands	2	Scout	Sea surv radar	1998	1998	1	Deal worth \$17 m; for Hamina and T-2000 Class FAC
South Africa	..	Umkhonto-IR	SAM	2002		..	Deal worth \$176 m (offsets incl production of components in Finland); TA-2000 project; delivery 2002-2005
Sweden	57	CV-9030	IFV	2000	2002	(10)	9LV225 version for 2 Hamina Class FAC produced in Finland
	2	9LV	Fire control radar	(1997)	1998	1	For Hamina Class FAC
	(16)	RBS-15SF	Anti-ship missile	(1997)	1998-2002	(16)	

..	RBS-15 Mk-3	Anti-ship missile	2001	..	Deal worth SEK 500 m (\$50 m) incl modernization of existing Finnish RBS-15 missile to Mk-3 version; Finnish designation RBS-15SF-3
(4)	HARD	Air surv radar	2002	..	For ASRAD SAM systems
(60)	RBS-70 Mk-2	Portable SAM	2002	..	For use with ASRAD-R SAM system
<b>L:</b> Multiple sellers	18	NH-90 TTH	Helicopter	2001	Deal worth \$350 m (\$520 m incl support) incl direct delivery of 2; supplied by France and Germany; delivery from 2004

**France**

<b>S:</b> Germany	12	CL-289	UAV	2002	2002	12	Ex-German
Israel	3	Eagle	UAV	2001		..	MALE UAV programme; delivery 2003
Spain	2	CN-235	Transport aircraft	(2001)	2002	2	
	3	CN-235	Transport aircraft	2002		..	Delivery 2003
Sweden	4	Giraffe AMB-3D	Air surv radar	2001		..	Delivery from 2003
USA	1	E-2C Hawkeye	AEW&C aircraft	1999		..	Deal worth \$894 m incl 2 ordered in 1995 (offsets worth \$440 m incl French production of components); delivery 2003

**Germany**

<b>S:</b> Netherlands	3	APAR	Multi-function radar	(1997)		..	For 3 Sachsen Class (F-124 or Type-124) frigates; delivery 2003-2005
	3	SMART-L	Air/sea surv radar	(1997)		..	See previous comment
Sweden	31	Bv-206S	APC	2002	2002	(5)	Deal worth \$12 m; ambulance version; delivery 2002-2004
	10	HARD	Air surv radar	1998	2001-2002	(7)	For Ozelot (LeFlaSys or ASRAD) SAM systems produced in Germany; delivery 2001-2003
	..	RBS-15 Mk-3	Anti-ship missile	(2002)		..	For K-130 Class corvettes; incl assembly in Germany; contract not yet signed
UK	(15)	Seaspray-3000	MP aircraft radar	(1999)	2002	(3)	Part of \$125 m modernization of 17 Lynx Mk-88 helicopters to Super Lynx Mk-88A version



Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
USA	..	RIM-66M Standard-2	SAM	2001		..	For Sachsen Class (F-124 or Type-124) frigates
L: USA	(1 400)	FIM-92C Stinger	Portable SAM	1986	1998-2002	(1 400)	German designation Fliegerfaust-2; part of European Stinger Production Programme incl final assembly in Germany
<b>Greece</b>							
S: Brazil	4	EMB-145AEW&C	AEW&C aircraft	1999		..	Deal worth \$476-500 m incl 4 PS-890 Erieye radars from Sweden; delivery from 2003; option on 2 more
Canada	2	CL-415	Transport aircraft	1998		..	For combat SAR; delivery 2003
France	4	AS-532UL/AS-332L1	Helicopter	2000		..	Deal worth \$90 m (offsets 100%); for combat SAR; option on 2 more transport version; delivery 2003
	(8)	Crecerelle	UAV	2002		..	Deal worth \$35 m
	15	Mirage-2000-5	FGA aircraft	2000		..	Deal worth \$1.4 b incl 200 MICA and 56 SCALP-EG missiles and modernization of 10 Greek Mirage-2000EG to Mirage-2000-5; delivery 2003-2004
	200	MICA	BVRAAM	2000		..	MICA-EM and MICA-IR version; option on 50 more; see also previous comment
	56	Storm Shadow/SCALP	ASM	2001		..	SCALP-EG version; delivery from 2003; see also previous comments
	70	VBL	Receve veh	(2002)		..	Deal worth \$4.5-4.9 b; contract not yet signed
	60	Eurofighter/Typhoon	FGA aircraft	(2002)		..	Deal worth \$164-228 m (offsets 120%) incl 28
	24	PzH-2000 155mm	Self-propelled gun	2001		..	ALVs; delivery 2003-2004
Germany	28	PZH-2000 ALV	ALV	2001		..	See previous comment
	170	Leopard-2A5	Main battle tank	2002		..	Leopard-2HELV version; delivery 2003-2008
	24	Buffel	APC	2002		..	Assembled in Greece
	(12)	PSB-2	ABL	2002		..	

	(36)	AN/APG-65	Combat ac radar	1997	2002	(10)	Part of \$315 m Peace Icarus-2000 modernization programme of 36 F-4E FGA aircraft; delivery 2002-2003
	(350)	FIM-92C Stinger	Portable SAM	1986	1998-2002	(350)	Part of European Stinger Production Programme involving production of components in Turkey
	(432)	FIM-92C Stinger	Portable SAM	2000	2002	(216)	Deal worth \$134 m incl 54 ASRAD SAM systems
	(350)	IRIS-T	SRAAM	(2002)		..	Contract not yet signed; delivery from 2004
	(126)	RIM-116A RAM	SAM	2000		..	Deal worth \$25 m incl 3 launchers; for 3 Super Vita Class FAC
	1	Type-214	Submarine	2000		..	Deal worth \$0.92-1.26 b incl 2 licensed production (offsets 115%); Greek designation Katsonis Class; delivery 2005
Italy	12	C-27J Spartan	Transport aircraft	(2002)		..	Deal worth \$312 m (offsets 360%); delivery 2004-2005
	1	RAT-31S/L	Air surv radar	(2002)		..	Part of NADGE (NATO Air Defence Ground Environmental) network; RAT-31DL version
Multiple sellers	42	NH-90 TTH	Helicopter	(2002)		..	Deal worth \$655 m; to be delivered from France and/or Germany; option on 4 more; contract not yet signed
Netherlands	8	PiPz-1	AEV	2002	2002	8	Ex-Dutch
	(7)	LIROD	Fire control radar	2000	2002	(1)	For 3 Super Vita Class and 4 modified Osprey-55 Type (Pirpolitis Class) FAC
	(7)	Variant	Air/sea surv radar	2000	2002	(1)	See previous comment
	3	MW-08	Air surv radar	2000		..	For 3 Super Vita Class FAC
	3	STING	Fire control radar	2000		..	For 3 Super Vita Class FAC
	3	Scout	Sea surv radar	2000		..	For 3 Super Vita Class FAC
	3	Kortenaer Class	Frigate	2002	2002	1	Ex-Dutch; in two deals worth \$34 m and \$55 m; Greek designation Elli Class
Russia	19	SA-15/9A331 Tor-M1	Mobile SAM system	(2002)		..	Deal worth \$400 m or \$700 m incl missiles; status uncertain
	(323)	SA-15 Gauntlet/9M338	SAM	(2002)		..	See previous comment
	10	SA-15/9A331 Tor-M1	Mobile SAM system	2000	2000-2002	10	Deal worth \$300 m; replacing 6 of 1999 order for 21 transferred to Cyprus
	(170)	SA-15 Gauntlet/9M338	SAM	(2000)	2000-2002	(170)	For SA-15/9A331 Tor-M1 SAM systems

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	1 100	AT-14/9M133 Kornet	Anti-tank missile	2001	2002	(50)	Deal worth \$95 m
	1	Pomornik Class	ACV/landing craft	2002		..	Deal worth \$64 m; Greek designation Kefallinia Class; delivery 2004
Sweden	(6)	ARTHUR	Arty locating radar	2002		..	Deal worth \$43-44 m; delivery 2004
	4	PS-890 Erieye	AEW aircraft radar	1999		..	For 4 EMB-145AEW&C AEW aircraft ordered from Brazil; deal worth \$476-500 m incl aircraft; option on 2 more; delivery from 2003
USA	12	AH-64D Apache	Combat helicopter	(2002)		..	Deal worth \$680 m; option on 4 more; contract not yet signed
	2	C-130H Hercules	Transport aircraft	2002		..	Ex-Italian aircraft bought back by US producer and sold to Greece
	50	F-16C	FGA aircraft	2000		..	Peace Xenia-3 deal worth \$2.1 b; F-16C Block-52+ version; incl 16 F-16D version; delivery 2003-2004
	10	F-16C	FGA aircraft	2001		..	Peace Xenia-3 deal worth \$183 m; incl 4 F-16D version; delivery 2004
	45	PC-9/T-6A Texan-2	Trainer aircraft	1999	2000-2002	(30)	Deal worth \$223-240 m (offsets 120% incl production in Greece of parts for 300 PC-9/T-6A); incl 25 T-6A and 20 T-6B armed versions; option on 5 more; delivery 2000-2003
	2	S-70B/SH-60B Seahawk	AS/ASW helicopter	2000		..	S-70B-6 Aegean Hawk version; option on 2 more
	10	T-2E Buckeye	Jet trainer aircraft	1998	2001-2002	10	Ex-US; aid; T-2C version
	7	M-728	AEV	(2000)	2002	(7)	Ex-US; aid; status uncertain
	4	Patriot	SAM system	1999	2002	(1)	Deal worth \$887 m (\$1.13 b incl option on 2 more; offsets 120%)
	..	MIM-104 PAC-3	SAM	(1999)		..	For Patriot SAM systems
	2	Phalanx Mk-15	CIWS	2002		..	Ex-US; Phalanx Block-1A version; delivery 2004
	100	AIM-7M Sparrow	BVRAAM	(2000)	2002	(100)	Ex-US; aid; designation uncertain; status uncertain
	..	FIM-92A Stinger	Portable SAM	2001		..	Part of deal worth \$89 m for 1007 missiles for Greece, Italy and UK; delivery 2003-2004

Ukraine	(51) 208	MGM-140A ATACMS RIM-66B Standard-1MR Pomornik Class	SSM SAM ACV/landing craft	1999 1999 2000	2001-2002 2002 2001-2002	(51) (208) 2	Ex-US; aid; status uncertain Deal worth \$98.5 m; Greek designation Kefallinia Class
L: Denmark	4	Osprey-55 Type	Patrol craft	1999	2002	(1)	Greek designation Piripolitis Class or Hellenic-56 Type
Germany	2	Type-214	Submarine	2000		..	Deal worth \$0.92-1.26 b incl direct delivery of 1 (offsets 115%); Greek designation Katsonis Class; delivery 2007-2008
	1	Type-214	Submarine	2002		..	Deal worth \$700 m incl modernization of 3 Greek Type-209 submarines
Italy	1	Etna Class	Support ship	1999		..	Deal worth \$128 m; Greek designation Prometheus; delivery 2003
UK	3	Super Vita type	FAC(M)	1999		..	Deal worth \$324 m; option on 4 more; delivery 2003-2004
<b>Hungary</b>							
S: Italy	3	RAT-31S/L	Air surv radar	2002		..	Part of NADGE (NATO Air Defence Ground Environmental) network; RAT-31DL version
Sweden	14	JAS-39 Gripen	FGA aircraft	2001		..	Ex-Swedish; modernized before delivery to NATO standard; 10-year lease worth \$500 m (offsets 110%); to be bought after lease; incl 2 JAS-39B version; delivery 2006
USA	160	AIM-9M Sidewinder	SRAAM	2002		..	Deal worth \$55m; AIM-9M-8/9 version, for JAS-39 FGA aircraft
<b>India</b>							
S: France	10	Mirage-2000E	FGA aircraft	2000		..	Deal worth \$312-353 m; Mirage-2000H version; incl 6 Mirage-2000TH version; Indian designation Vajra; delivery 2003-2004
	(36)	SM-39 Exocet	Anti-ship missile	(2002)		..	Deal worth \$150 m; for Scorpene submarines; contract not yet signed

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
Israel	(6)	Heron-2	UAV	2001	2002	(2)	
	32	Searcher UAV	UAV	(2000)	2001-2002	(32)	
	8	Searcher UAV	UAV	2002		..	Searcher-2 version
	(14)	EL/M-2022	MP aircraft radar	(2000)	2000-2002	(14)	For Do-228 MP aircraft
	3	EL/M-2080	AEW aircraft radar	(2002)		..	For modification of 3 Il-76 transport aircraft delivered from Uzbekistan via Russia to Il-76/A-50EI AEW&C aircraft; contract not yet signed
	(7)	EL/M-2221	Fire control radar	(2001)	2001	(1)	Deal worth \$280 m; for modernization of 1 Viraat Class aircraft carrier and possibly 5 Rajput Class destroyers and other ships; for use with Barak SAM
	..	Barak	SAM	(2001)	2001	(24)	Deal worth \$280 m; for 1 modernized Viraat Class aircraft carrier and possibly 5 modernized Rajput Class destroyers and other ships
Italy	2	Green Pine	Air surv radar	2002		..	
	9	Seaguard TMX	Fire control radar	1993	2000-2001	6	For 3 Brahmaputra Class (Project-16A) frigates
	(36)	A244/S 324mm	ASW torpedo	(1993)	2000-2002	(18)	For Brahmaputra Class (Project-16A) frigates; possibly produced in India as NST-58
Netherlands	4	DA-05	Air surv radar	(1989)	1995-2001	(3)	For modernization of 1 Viraat Class aircraft carrier and for 3 Brahmaputra Class (Project-16A) frigates; incl assembly in India
	7	LW-08	Air surv radar	(1989)	1997-2001	(6)	For modernization of 1 Viraat Class aircraft carrier and for 3 Delhi Class (Project-15) destroyers and 3 Brahmaputra Class (Project-16A) frigates; incl assembly in India
Poland	(10)	ZW-06	Sea surv radar	(1989)	1997-2001	(8)	See previous comment
	80	WZT-3	ARV	2002	2002	(14)	Deal worth \$60-75 m; incl 40 assembled in India and all fitted with Indian engines; Indian designation ARV-3; option on 120 more; delivery 2002-2004
Russia	4	Ka-31/Helix	AEW helicopter	1999	2002	(2)	Deal worth \$92 m; delivery 2002-2003

5	Ka-31/Helix	AEW helicopter	2001	..	Deal worth \$108 m; delivery 2003
40	Su-30MK/Flanker	FGA aircraft	1996	(28)	Deal worth \$1.55–1.8 b; Su-30MKI version; ordered while still being developed and first 16 delivered as Su-30K version to be modified to Su-30MKI after delivery; delivery 1997–2003
10	Su-30MK/Flanker	FGA aircraft	1998	..	Su-30MKI version; delivery 2003/2004
(1 140)	AA-10c/d Alamo/R-27E	BVRAAM	1996	(300)	For Su-30MKI FGA aircraft
(3 900)	AA-11 Archer/R-73	SRAAM	(1996)	(600)	For Su-30MK FGA and modernized MiG-21bis (MiG-21-93) fighter aircraft and possibly for MiG-29 fighter and modernized MiG-27ML FGA ac
(750)	AA-12 Adder/R-77	BVRAAM	(2000)	..	See previous comment
(4)	Tu-22M3/Backfire-C	Bomber aircraft	(2002)	..	Ex-Russian; lease; contract not yet signed
(4)	140mm RL	Naval MRL	(1992)	(2)	For 2 Magar Class landing ships; designation uncertain
(14)	BM-9A52 Smerch	MRL	(2002)	..	Deal worth Rs12 b; contract not yet signed
(14)	2S6M Tunguska	AAV(G/M)	(2001)	(14)	Deal worth Rs6 b incl SA-19 missiles
(224)	SA-19 Grison/9M111	SAM	(2001)	(224)	Deal worth Rs6 b incl 14 AAV(G/M)s
310	T-90S	Main battle tank	2001	(124)	Deal worth \$600–700 m (incl 55% advance payment); ordered as reaction to Pakistani acquisition of 320 T-80UB tanks; incl 186 assembled in India; delivery 2001–2004
10	Bass Tilt	Fire control radar	(1992)	10	For 3 Delhi Class (Project-15) destroyers and 4 Kora Class (Project-25A) corvettes
7	Plank Shave	Air surv radar	(1993)	7	For 3 Delhi Class (Project-15) destroyers and 4 Kora Class (Project-25A) corvettes; for use with SS-N-25 missiles
4	Gross Dome	Air surv radar	(1992)	4	For 4 Kora Class (Project-25A) corvettes
(416)	SS-N-25/Kh-35 Uran	Anti-ship missile	(1992)	(300)	For Delhi Class (Project-15) and modernized Kashin-2 (Rajput) Class destroyers, Brahmaputra Class (Project-16A) frigates, Kora Class (Project-25A) corvettes and Tarantul-1 (Vibhuti) Class FAC

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	(125)	Kopyo	Combat ac radar	1996	2001-2002	(28)	Part of deal worth \$428-626 m for modernization of up to 125 MiG-21bis fighter ac to MiG-21bis UPG (MiG-21I) version; option on 50 more; delivery 2001-2004/2005
	(4)	SA-12/S-300V	SAM system	(2002)		..	Deal worth \$1.5 or \$2.5 b incl 150 missiles; contract probably not yet signed
	150	SA-12b Giant/9M82	SAM	(2002)		..	See previous comment
	(27)	Zmei/Sea Dragon	MP aircraft radar	(2000)	2002	(3)	For modernization of 8 Tu-142 and ASW/MP ac to Tu-142J, and some 14 Ka-28 ASW helicopters and 5 Il-38 ASW/MP aircraft
	(1 440)	AT-16/9M120	Anti-tank missile	(2000)	2002	(480)	For Mi-17 helicopters
	3	Krivak-4 Class	Frigate	1997		..	Deal worth Rs35.4 b (\$0.82-1 b); Indian designation Talwar Class; Russian designation Type-1135.6; ordered due to problems with Indian production of major warships; delivery to 2003/2004
	(108)	SA-11 Gadfly/9M38M1	SAM	(2000)		..	SA-N-7/9M38M1 version for Krivak-4 (Talwar) Class frigates
	(96)	SS-N-27/3M54E1	Anti-ship missile	(1998)	2001-2002	(38)	For Krivak-4 Class frigates and new and modernized Kilo Class submarines
	(2 500)	SA-18 Grouse/Igla	Portable SAM	2001	2001-2002	(1 500)	Deal worth \$32-50 m
	1	Gorshkov Class	Aircraft carrier	(2002)		..	Ex-Russian; modernized before delivery; contract not yet signed; delivery 2004/2005
	(360)	SA-19 Grisom/9M111	SAM	(2002)		..	SA-N-11/9M111 version for 6 Kashtan AD/SAM systems on 1 Gorshkov Class aircraft carrier; contract not yet signed
	(360)	SA-19 Grisom/9M111	SAM	(1997)		..	SA-N-11/9M111 version for 6 Kashtan AD/SAM systems on 3 Krivak-4 (Talwar) Class frigates
	2	Akula-2 Class	Nuclear submarine	(2002)		..	Possibly ex-Russian; lease; delivery 2004; contract not yet signed
Slovakia	42	VT-72B	ARV	1999	2001-2002	(42)	Deal worth \$30.4 m

UK	2	Harrier T-4	FGA/trainer ac	1997	2002	1	Ex-UK; deal worth \$24 m; modernized to Harrier T-4(I) version before delivery; delivery 2002–2003
USA	8	AN/TPQ-37 Firefinder	Arty-locating radar	2002		..	Deal worth \$146 m
Ukraine	(6)	AN/TPQ-37 Firefinder	Arty-locating radar	(2002)		..	Deal worth \$142 m
Uzbekistan	(1 140)	AA-10a/b Alamo/R-27	BVRAAM	(1996)	1997–2002	(370)	For Su-30MKI FGA aircraft; designation uncertain
	3	Il-76M/Candid-B	Transport aircraft	2002		..	Sold via Russia; for modification to A-50EhI AEW&C aircraft in Israel; delivery from 2005; contract not yet signed
	6	Il-78M/Midas	Tanker aircraft	2001		..	Deal worth \$150 m; Il-78MK version; no. ordered could be 4; delivery 2003
<b>L:</b> France	..	MILAN	Anti-tank missile	(1981)	1984–2002	(50 500)	MILAN-2 version; incl for BMP-2 IFVs
Germany	6	Scorpene Class	Submarine	(2002)		..	Project-75 worth \$1.8 b; contract not yet signed
Russia	47	Do-228MP	MP aircraft	1983	1993–2002	(32)	Incl 11 for coastguard
	140	Su-30MK/Flanker	FGA aircraft	2000		..	Deal worth \$3–4.2 b; Su-30MKI version; for delivery 2005–2014 or 2005–2017/2018
	..	AT-5 Spandrel/9M113	Anti-tank missile	(1988)	1992–2002	(4 800)	For BMP-2 IFVs; ordered from Soviet Union and produced under Russian licence after break-up of Soviet Union
UK	17	Jaguar International	FGA aircraft	1999		..	Jaguar International-IT version; Indian designation Shamsheer; delivery probably from 2003/2004
	20	Jaguar International	FGA aircraft	(2000)		..	Jaguar International-IS version; delivery until 2007
	1	Magar Class	Landing ship	(1996)		..	
<b>Indonesia</b>							
S: France	(13)	AS-332B Super Puma	Helicopter	1997	2001–2002	(11)	Incl 6 for SAR; 3 more ordered for VIP transport
	15	EC-120B Colibri	Light helicopter	(2000)	2002	(11)	For training
	3	Ocean Master	MP aircraft radar	2001	2002	(1)	Deal worth \$50 m; for 3 CN-235MPA ac produced in Indonesia; delivery of aircraft 2002–2003
Netherlands	4	LIROD	Fire control radar	(1994)	2000	2	Deal worth \$42 m incl 4 Variant radars; for 4 PB-57 Type (Singa Class) patrol craft
	4	Variant	Air/sea surv radar	(1999)	2000	2	See previous comment
Russia	(8)	Mi-17/Hip-H	Helicopter	2002		..	Deal worth \$11–12 m incl 2 Mi-2 helicopters



Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	2	Mi-2/Hoplite	Light helicopter	2002		..	Ex-Russian; deal worth \$11-12 m incl 8 Mi-171 helicopters
Singapore	19	SF-260M	Trainer aircraft	(2001)	2002	(19)	Ex-Singaporean
South Korea	7	KT-1 Woong Bee	Trainer aircraft	2001		..	Deal worth \$60 m (offsets for Korean order for CN-235 transport aircraft); delivery from 2003
USA	16	AN/APG-66	Combat ac radar	1996	1999	10	For 16 Hawk-200 FGA aircraft delivered from UK; last 6 embargoed by USA
<b>L:</b> Germany	4	PB-57 Type	Patrol craft	1993	2000	2	Deal worth \$260 m; Indonesian designation Singa Class; delivery 2000-2004
<b>Iran</b>							
<b>S:</b> China	14	Y-7	Transport aircraft	1996	1998	(2)	Delivery 1998 and 2003-2006
	..	FL-6 IRA	Anti-ship missile	(2000)	2002	(10)	Iranian designation Fajr-e Darya; incl for use on SH-3D helicopters
Russia	(20)	Mi-17/Hip-H	Helicopter	2001	2002	(10)	Deal worth \$150 m; Mi-171Sh version; delivery 2002-2003
	(540)	AT-6 Spiral/9M114	Anti-tank missile	(1999)	2000-2002	(425)	For Mi-171Sh helicopters; possibly incl AT-9 version
Ukraine	(12)	An-74/Coaler-B	Transport aircraft	(1997)	1998-2002	(4)	Deal worth \$133 m; An-74T-200 version
<b>L:</b> Russia	(1 420)	BMP-2	IFV	(1991)	1994-2002	(420)	Deal worth \$2.2 b for 1500 BMP-2 IFVs and 1000 T-72 tanks probably incl direct delivery of some
	(874)	T-72S1	Main battle tank	(1996)	1997-2002	(420)	See previous comment
	..	AT-3 Sagger/9M14M	Anti-tank missile	(1995)	1996-2002	(1 750)	Iranian designation RAAD; incl I-RAAD version
	..	AT-4 Spigot/9M111	Anti-tank missile	2000	2001-2002	(200)	
	..	AT-5 Spandrel/9M113	Anti-tank missile	(1998)	1999-2002	(400)	Iranian designation Towsan-1
Ukraine	..	An-140	Transport aircraft	1997		..	Iranian designation Iran-140; status uncertain

<b>Ireland</b>									
S: Netherlands	9	Flycatcher	Fire control radar	2002	2002	(9)	Ex-Dutch		
Switzerland	8	PC-9	Trainer aircraft	(2002)		..	Deal worth \$63 m; PC-9M version; delivery 2004		
	40	Piranha-3 8x8	APC	1999	2001-2002	40	Deal worth \$50.8 m; incl 4 CP, 1 ARV and 1 ambulance version; Piranha-3H version		
	25	Piranha-3 8x8	APC	(2002)		..	Piranha-3H version; incl 4 CP and 1 ambulance version		
<b>Israel</b>									
S: Germany	27	G-115T Acro	Trainer aircraft	2002	2002	3	Owned and operated by civilian company for Israeli armed forces; G-120A-I version; Israeli designation Shunit		
	2	Patriot	SAM system	(2002)		..	Ex-German; 2-year loan in reaction to possible war in Middle East; delivery 2003		
	128	MIM-104 Patriot	SAM	(2002)		..	See previous comment		
USA	8	AH-64D Apache	Combat helicopter	2001		..	Deal worth \$509 m incl modernization of 10 Israeli AH-64As to AH-64D; Israeli designation Sharaf; option on 12 more; delivery 2005		
	(480)	AGM-114K Hellfire	Anti-tank missile	(2000)		..	For AH-64D helicopters		
	(1)	AN/APG-78 Longbow	Combat ac radar	2001		..	For modernization of 1 Israeli AH-64A helicopter to AH-64D; delivery 2003		
	50	F-16I	FGA aircraft	1999		..	Peace Marble-5 deal worth \$2.5 b (offsets 25%); financed by USA; Israeli designation Suefa; delivery 2003-2005		
	52	F-16I	FGA aircraft	2001		..	Peace Marble-5 deal worth \$2 b (incl \$1.3 b for ac and \$300 m for engines); delivery 2006-2009		
	3	Gulfstream-5	Transport aircraft	2001		..	Deal worth \$174-206 m; modified in Israel to ELINT ac; delivery from 2003		
	8	King Air B200/C12	Light transport ac	2001	2002	(3)	B200CT version; modified in Israel for SIGINT; Israeli designation Zuffit-3; delivery 2002-2003		
	(6)	King Air B200/C12	Light transport ac	2002		..	B200CT version; for training; Israeli designation Zuffit		

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	24	S-70A/UH-60L	Helicopter	2001	2002	(24)	Deal worth \$212 m; S-70A-55 version; Israeli designation Yanshuf-3
	(42)	AIM-120B AMRAAM	BVRAAM	1999	2001-2002	(42)	Delivery 2003
	48	AIM-120C AMRAAM	BVRAAM	2001		..	Deal worth \$80 m
	2 030	BGM-71 TOW	Anti-tank missile	2002		..	Deal worth \$31 m
	40	Popeye-1	ASM	2001	2002	(20)	Deal worth \$26 m
	16	RGM-84 Harpoon	Anti-ship missile	(1998)	2001-2002	(16)	
<b>Italy</b>							
S: France	14	VAB-VTT	APC	(1999)	2000-2002	(14)	NBC reconnaissance version
	18	Iguae/Varan	MP aircraft radar	(1994)	1997-2002	(17)	For modernization of 18 Atlantic-1 ASW/MP aircraft
Germany	2	PzH-2000 155mm	Self-propelled gun	2002		..	Deal worth \$455-510 m incl 68 licensed production; delivery 2003
	..	IRIS-T	SRAAM	(2002)		..	Contract not yet signed
Sweden	58	Bv-206S	APC	(2002)		..	Contract probably not yet signed
UK	(200)	Storm Shadow/SCALP	ASM	1999		..	Delivery from 2003
USA	4	C-130J-30 Hercules	Transport aircraft	2000	2002	(4)	
	6	C-130J-30 Hercules	Transport aircraft	1997	2001-2002	(6)	
	34	F-16A	FGA aircraft	2001		..	Ex-US; \$760 m lease until Eurofighter enters service in 2010; F-16A Block-15 ADF version; incl 4 F-16B version; modernized before delivery; 4 more ordered for spares only; delivery 2003-2004
	4	KC-767	Tanker/transport ac	2002		..	Deal worth \$619 m (offsets worth up to \$1.1 b); option on 2 more; delivery 2005-2008
	4	RQ-1A Predator	UAV	2001	2002	4	Deal worth \$55 m; option on 2 more
	9	LVTP-7A1/AAV-7A1	APC	1999	2002	(9)	Ex-US; deal worth \$90 m incl modernization with US-supplied equipment after delivery and modernization of 25 Italian LVTP-7A1 AN/TPS-117 version
	2	AN/FPS-117	Air surv radar	2002		..	Deal worth \$116 m; for AV-8B+ FGA aircraft
	233	AIM-120B AMRAAM	BVRAAM	1997	2000-2002	(153)	

	(150)	FIM-92A Stinger FIM-92A Stinger	Portable SAM Portable SAM	2000 2001	2002	(150) ..	Deal probably worth \$10 m, for A-129 helicopters Part of deal worth \$89 m for 1007 missiles for Greece, Italy and UK; delivery 2003–2004
<b>L: Germany</b>	68	PzH-2000	Self-propelled gun	2002		..	Deal worth \$455 m incl direct delivery of 2; delivery 2004–2008
	2	Type-212	Submarine	1997		..	Italian designation Todaro Class; option on 2 more; delivery 2004–2005
<b>Japan</b>							
<b>S: France</b>	2	Ocean Master	MP aircraft radar	(2001)		..	For 2 Gulfstream-5 MP aircraft delivered from USA
Italy	5	127mm/54	Naval gun	(1999)		..	For 5 Takahashi Class frigates
UK	13	EH-101-500	Helicopter	(2002)		..	MCH-X programme for transport/minesweeping helicopter; option on more; contract not yet signed
USA	(20)	AH-64D Apache	Combat helicopter	2001		..	AH-X programme; delivery from 2005
	(21)	BAe-125/RH-800	MP aircraft	1995	1997–2002	(15)	H-X programme; for SAR; Japanese designation U-125A
	2	Gulfstream-5	Transport aircraft	2001		..	Deal worth \$100 m; for coastguard long-range MP incl against piracy in South-East Asia
	4	KC-767	Tanker/transport ac	(2002)		..	KC-X programme; delivery from 2006; contract not yet signed
	(20)	King Air-350/C-12S	Light transport ac	1997	1999–2002	(4)	Incl for reconnaissance; Japanese designation LR-2
	(72)	M-270 MLRS	MRL	1993	1995–2002	(72)	Assembled in Japan
	(13)	AN/APS-145	AEW aircraft radar	2000		..	For modernization of E-2C AEW&C ac; delivery from 2004
	6	AN/SPG-62	Fire control radar	(2002)		..	For 2 Improved Kongou Class destroyers
	2	AN/SPY-1D	Air surv radar	2002		..	For 2 Improved Kongou Class destroyers
	(34)	Phalanx Mk-15	CIWS	(1993)	1996–2002	(22)	For 9 Murasame Class and 5 Takahashi Class frigates and 3 Oosumi Class AALS; incl some Block-1B version
	..	BGM-71 TOW	Anti-tank missile	2002		..	Deal worth \$27 m; possibly Block-3B version
	16	RIM-66M Standard-2	SAM	2001		..	Deal worth \$27 m; Block-3A version; delivery 2003
	(16)	RIM-66M Standard-2	SAM	(2001)		..	

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments	
L: France	16 (336)	RIM-66M Standard-2 RIM-7M Seasparrow	SAM SAM	(2002) 1993	1996-2002	.. (201)	Deal worth \$24 m, Block-3A version For Murasame Class and Takanami Class frigates	
	..	MO-120-RT-61 120mm	Mortar	1992	1993-2002	(335)	Incl for use with Type-96 mortar carrier produced in Japan	
USA	(40)	AH-64D Apache	Combat helicopter	2001	1988-2002	..	AH-X programme; delivery from 2005	
	79 (203)	CH-47D Chinook F-15C Eagle	Helicopter FGA/trainer ac	1986 1978	1988-2002 1982-99	(60) (191)	CH-47J and CH-47JA versions F-15J version; incl 38 F-15DI version; delivery 1982-2006	
	(64)	S-70/UH-60J Blackhawk	Helicopter	1988	1991-2002	(43)	UH-60JA version; deal worth \$2.67 b	
	(80)	S-70/UH-60J Blackhawk	Helicopter	1995	1998-2002	(21)		
	101 (27)	S-70B/SH-60J Seahawk Sea Vue	ASW helicopter MP aircraft radar	1988 1992	1991-2002 1995-2002	(93) (21)	For 27 BAe-125-800/RH-800 (U-125A) SAR ac	
	Jordan	9 (18)	EC-135/EC-635 MOBAT 105mm	Helicopter Self-propelled gun	(2002) (2002)		..	For border patrol; contract not yet signed Option on 20 more; delivery 2004
16 (288)		T-67 Firefly Challenger	Trainer aircraft Main battle tank	2001 1999	2002 1999-2002	(16) (276)	T-67M260 version Ex-UK; Jordanian designation Al Hussein Ex-US; F-16A Block-15 version; aid as reward for Jordanian support against Iraq; contract not yet signed	
17		F-16A	FGA aircraft	(2002)		..		
(562)		BGM-71 TOW	Anti-tank missile	2001	2002	(281)	BGM-71E TOW-2A version; delivery 2002-2003	
110		Javelin	Anti-tank missile	2001	2002	(55)	Deal worth \$12 m incl 30 launchers	
Kazakhstan S: Russia		..	Mi-17/Hip-H	Helicopter	(2002)	2002	1	Mi-17V5 version

	(38)	Su-27S/Flanker-B	Fighter aircraft	(1995)	1996-2002	(22)	Ex-Russian; payment for Russian debt to Kazakhstan
<b>Kuwait</b>							
S: China	(24)	PZL-45 155mm	Self-propelled gun	2001	2002	(12)	Deal worth \$200 m incl PCV-45 ALVs, Type-84 (Type-653) ARV, and ZCY-45 and ZCL-45 (Type YW-531H) APC/CPs
	(24)	PCZ-45	ALV	2001	2002	(12)	See previous comment
	(4)	Type YW-531/Type-85	APC	2001	2002	(2)	See previous comment
	(1)	Type-653	ARV	2001		..	See previous comment
Germany	11	Tpz-1 Fuchs	APC	2000	2002	(5)	NBC reconnaissance version
USA	16	AH-64D Apache	Combat helicopter	2002		..	Deal worth \$868 m incl 8 AH-64D with Longbow radar (\$2.1 b incl training, AGM-114 missiles, spares and support); delivery from 2005
	384	AGM-114K Hellfire	Anti-tank missile	2002		..	Deal worth \$868 m incl 16 AH-64D helicopters
<b>Latvia</b>							
S: Norway	1	Vidar Class	MCM ship	2002		..	Ex-Norwegian, delivery 2003
USA	1	AN/TPS-117	Air surv radar	2001		..	Deal worth \$12.6 m; part of BALTNET air-surveillance network; delivery 2003
Unknown	1	Mi-17/Hip-H	Helicopter	(2001)	2002	1	Probably second-hand; incl for SAR
<b>Libya</b>							
S: Ukraine	2	An-124 Condor	Transport aircraft	2000	2001	1	An-124-100 version; officially delivered to civilian company
<b>Lithuania</b>							
S: Denmark	72	M-101A1	Towed gun	2001	2002	72	Ex-Danish; aid
Germany	(3)	TRML-CS	Air/sea surv radar	2002		..	
USA	60	FIM-92A Stinger	Portable SAM	2002		..	Deal worth \$31 m; incl 8 launchers and 2 radars
	75	Javelin	Anti-tank missile	2001		..	Deal worth \$10 m; delivery 2004

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
<b>Luxembourg</b>							
S: USA	..	BGM-71 TOW	Anti-tank missile	2002		..	Part of deal worth \$52 m for 1689 TOW-2A/2B version and training missiles for Israel, Japan, Jordan, Luxembourg and Spain
<b>Malaysia</b>							
S: Brazil	18	Astros-2	MRL	(2000)	2002	(18)	Deal worth \$197 m
France	6	AS-555UN Fennec	Light helicopter	2001		..	Deal worth \$38 m; delivery 2003
	11	AS-555UN Fennec	Light helicopter	(2002)		..	Deal worth \$52 m; contract probably not yet signed
	1	Scorpene Class	Submarine	2002		..	Deal worth \$947 m—\$1.1 b incl 1 delivered by Spain; delivery 2007
	40	SM-39 Exocet	Anti-ship missile	2002		..	For Scorpene submarines; delivery 2007–2008
	1	Agosta Class	Submarine	2002		..	Ex-French; modernized before delivery; delivery probably 2003
Germany	2	MEKO-A100 Type	Frigate	1999		..	New Generation Patrol Vessel (NGPV) programme worth \$1.42 b incl 4 licensed production; MEKO-100RMN version; assembled in Malaysia; delivery 2004
Indonesia	6	TRS-3D	Air/sea surv radar	(2000)		..	For 6 MEKO-A100 Type frigates
Italy	2	CN-235MPA	MP aircraft	2002		..	Deal worth \$34.2 m; delivery 2004
	1	RAT-31S	Air surv radar	2001		..	Deal worth \$54 m; RAT-31DL version
	6	Skyguard	Fire control radar	(2000)		..	For 6 MEKO-A100 Type frigates; designation uncertain
Pakistan	..	Black Shark 533mm	AS torpedo	2002		..	For Scorpene Class submarines
	(100)	HN-5A/Anza-1	Portable SAM	2001	2002	(100)	Deal worth \$12.8 m
	(250)	Red Arrow-8	Anti-tank missile	2001	2002	(250)	Deal worth \$8.1 m
Poland	4	PMC-90	ABL	2002		..	Deal worth up to \$250–400 m; incl 48 PT-9 tanks and 10 WZT-4 ARVs; delivery 2003–2004
	48	PT-91	Main battle tank	2002		..	See previous comment
	10	WZT-4	ARV	2002		..	See previous comment

Russia	(10)	Mi-17/Hip-H	Helicopter	2002	2002	(10)	Mi-17-IV version
	17	N-019ME Topaz	Combat ac radar	(1999)	2002	(5)	For modernization of 17 MiG-29N FGA aircraft
	(204)	AA-12 Adder/R-77	BVRAAM	(1997)		..	For MiG-29N FGA aircraft; status uncertain
	(500)	AT-13 Saxhorn/9M131	Anti-tank missile	2001	2001-2002	(500)	Deal worth \$30 m
	..	SA-16 Gimlet/Igla-1	Portable SAM	2002		..	Deal worth \$48 m
South Africa	22	G-5	Towed gun	2000	2002	(22)	Deal worth \$50 m; G-5 Mk-3 version
Spain	1	Scorpene Class	Submarine	2002		..	Deal worth \$947 m-\$1.1 b incl 1 delivered by France; delivery 2008
Turkey	44	AIFV	IFV	2000	2002	(15)	Deal worth \$278-300 m incl 167 other versions; Malaysian designation Adnan; option on more; delivery 2002-2003
	167	AIFV-APC	APC	2000	2002	(50)	See previous comment; incl ambulance, ALV, 81mm mortar carrier and CP version; incl assembly of 65 in Malaysia
UK	6	Super Lynx	AS/ASW helicopter	1999	2002	(2)	Deal worth \$158 m; delivery 2002-2003
	(48)	Sea Skua	Anti-ship missile	2001	2002	(48)	For 6 Super Lynx helicopters
	(12)	Jernas	SAM system	2002		..	Deal worth \$316 m (offsets incl production of components in Malaysia); delivery from 2004
	..	Rapier Mk-2	SAM	2002		..	For Jernas SAM system
L: Germany	4	MEKO-A100 Type	Frigate	1999		..	New Generation Patrol Vessel (NGPV) programme worth \$1.42 b incl direct delivery of 2; MEKO-100RMIN version; delivery from 2005
Mexico							
S: Brazil	1	EMB-145AEW&C	AEW&C aircraft	2001		..	Deal worth \$230-250 m incl 2 MP version; mainly for anti-narcotics operations; delivery 2004
Canada	2	EMB-145MP	MP aircraft	2001		..	See previous comment
	1	DHC-8 Dash-8	Transport aircraft	2000	2002	1	Q200 version; option on 1 more
Czech Republic	10	Zlin-242L	Trainer aircraft	(2002)	2002	(10)	
Israel	3	E-2C Hawkeye	AEW&C aircraft	2002		..	Ex-Israeli; deal worth \$18 m
Russia	2	Mi-17/Hip-H	Helicopter	2002		..	Deal worth \$8 m; Mi-17-V1 version



Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	(50)	SA-18 Grouse/Igla	Portable SAM	2002		..	Deal worth \$2.14 m; to protect offshore oil installations
Sweden	1	PS-890 Erieye	AEW aircraft radar	2001		..	For 1 EMB-145 AEW aircraft ordered from Brazil; delivery 2004
USA	(10)	Explorer	Helicopter	(1998)	1999-2002	10	Armed version; for anti-narcotics operations
	2	Sea Vue	MP aircraft radar	2001		..	For 2 EMB-145 MP aircraft delivered from Brazil
	8	Sea Vue	MP aircraft radar	2002		..	For modernization of 8 C-212 MP aircraft
<b>Morocco</b>							
S: France	2	Floreal Class	OPV	1998	2002	(2)	Deal worth \$130-140 m; Moroccan designation Mohammed V Class
	(8)	MM-38 Exocet	Anti-ship missile	(1999)	2002	(8)	Probably second-hand; for Floreal (Mohammed V) Class OPVs
	2	AS-365/565MB	Helicopter	(2000)	2002	(2)	For use on Floreal (Mohammed V) Class OPVs
<b>Myanmar (Burma)</b>							
S: Russia	10	MiG-29S/Fulcrum-C	FGA aircraft	2001	2001-2002	10	Deal worth \$130 m; incl 2 MiG-29UB version
	(60)	AA-11 Archer/R-73	SRAAM	(2001)	2001-2002	(60)	For MiG-29 FGA aircraft
Ukraine	(60)	AA-10c/d Alamo/R-27E	BVRAAM	(2002)	2002	(60)	For MiG-29 FGA aircraft
<b>Namibia</b>							
S: Italy	1	AB-139	Helicopter	2002		..	Deal worth \$8 m
Libya	2	Mi-24D/Mi-25/Hind-D	Combat helicopter	(2001)	2002	2	Ex-Libyan; aid
	2	Mi-8T/Hip-C	Helicopter	(2001)	2002	2	Ex-Libyan; aid
<b>Nepal</b>							
S: Australia	2	Mi-24D/Mi-25/Hind-D	Combat helicopter	2002		..	Second-hand; deal worth \$6.2 m; for use against Maoist rebels

India	(3)	Casspir	APC	2002	2002	(3)	Ex-Indian; aid, no. delivered could be up to 31
Poland	1	M-28 Skytruck	Light transport ac	2002	2002	1	Deal worth \$4 m; probably financed partly by UK anti-terrorist aid
Ukraine	(2)	Mi-17/Hip-H	Helicopter	(2002)	2002	(2)	
<b>Netherlands</b>							
S: Germany	57	PzH-2000 155mm	Self-propelled gun	2002		..	Deal worth \$420 m (offsets 100%); delivery 2004–2009
	874	FIM-92C Stinger	Portable SAM	(1992)	1998–2002	(874)	Part of European Stinger Production Programme involving production of components in Netherlands
	3	Patriot	SAM system	2002	2002	(1)	Ex-German; deal worth \$79 m incl 96 MIM-104 missiles (incl \$42 m in cash and \$27 m in services); delivery 2002–2003
	96	MIM-104 Patriot	SAM	2002	2002	(32)	See previous comment
Israel	2 400	Spike-MR/LR	Anti-tank missile	2001		..	Deal worth \$150–225 m; delivery from 2003
Italy	4	127mm/54	Naval gun	1996	2002	1	Ex-Canadian guns sold back to producer and modernized before delivery; for 4 De Zeven Provinciën Class destroyers
	30	AH-64D Apache	Combat helicopter	1995	1998–2002	(30)	Deal worth \$686 m (offsets \$873 m)
USA	605	AGM-114K Hellfire	Anti-tank missile	1995	1996–2002	(605)	Deal worth \$127 m; for AH-64D helicopters
	139	AN/APG-66	Combat ac radar	1993	1996–2002	(138)	For MLU modernization of 139 F-16A/B FGA aircraft to F-16AM/BM (F-16C/D) version; delivery 1996–2003
	16	RIM-66M Standard-2	SAM	(1998)	2002	(16)	Deal worth \$24 m incl 8 training missiles; for De Zeven Provinciën Class destroyers
	(240)	RIM-7PTC ESSM	SAM	2002		..	For De Zeven Provinciën Class destroyers
<b>New Zealand</b>							
S: Canada	105	Piranha/LAV-25	IFV	2001		..	Deal worth \$263 m (offsets worth \$3 m); delivery 2003–2004
USA	1	SH-2G Super Seasprite	AS/ASW helicopter	1999	2002	1	Deal worth \$23 m; SH-2G(NZ) version
	(164)	Javelin	Anti-tank missile	(2002)		..	Deal worth \$15–32 m; delivery 2003/2004; contract not yet signed

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
Unknown	2	Boeing-757-200	Transport aircraft	(2002)		..	Second-hand; contract not yet signed; delivery from 2003
	2	King Air B200/C12	Light transport ac	2002	2002	2	Second-hand; bought and operated by civilian company for training and transport
<b>Nigeria</b>							
S: Russia	4 (9)	Mi-17/Hip-H Mi-34S/Hermit	Helicopter Light helicopter	(2002) 1999	2000-2002	.. (9)	Mi-171(Sh) armed version; delivery 2003 For training
<b>North Korea</b>							
L: Russia	..	AT-4 Spigot/9M111	Anti-tank missile	(1987)	1992-2002	(1 100)	Ordered from Soviet Union and produced under Russian licence after break-up of Soviet Union
	..	SA-16 Gimlet/Igla-1	Portable SAM	(1989)	1992-2002	(550)	More possibly produced for export; probably ordered from Soviet Union and produced under Russian licence after break-up of Soviet Union
<b>Norway</b>							
S: Finland	2	XA-200	APC	2002		..	XA-203M CP version
Germany	..	IRIS-T	SRAAM	(2002)		..	Contract not yet signed
Multiple sellers	6	NH-90 NFH	AS/ASW helicopter	2001		..	Deal worth \$425 m incl 8 NH-90 TTH version; for coastguard; ordered from France and Germany and produced in Finland; delivery 2005-2008
	8	NH-90 TTH	Helicopter	2001		..	For SAR; option on 10 more; see previous comment
Netherlands	1	Buifel	APC	2001	2002	1	Ex-Dutch
	52	Leopard-2A4	Main battle tank	2000	2001-2002	(52)	Ex-Dutch; deal worth \$168 m incl ammunition
	5	Leopard-2A4	Main battle tank	2001	2002	5	Ex-Dutch

Spain	5	Mod. F-100 Class	Frigate	2000	..	Deal worth \$1.5 b incl radars from USA (offsets 100% in 10 years incl NASAMS SAM system and Penguin missiles for Spain); incl 3 assembled or licensed production in Norway; Norwegian designation Nansen Class; delivery 2005-2009
Sweden	12	ARTHUR	Arty locating radar	1997	1999-2002	Deal worth \$85 m
UK	12	Tactica	APC	2002	..	Tactica-2000EOD version; delivery 2003
USA	3	AN/SPS-67	Sea surv radar	(2000)	2001-2002	AN/SPS-67(V)3 version; for modernization of 3 Nordkapp Class OPVs
	5	AN/SPY-1F	Air surv radar	(2000)	..	Deal worth \$500 m incl AEGIS combat system and Mk-41 SAM launchers; for 5 Nansen Class frigates
	(240)	RIM-7PTC ESSM	SAM	(2000)	..	For 5 F-100 (Nansen) Class frigates
<b>Oman</b>						
<b>S: Pakistan</b>	5	MFI-17 Supporter	Trainer aircraft	2002	2002	Super Mushshak version
UK	16	Super Lynx	ASW helicopter	2002	..	
	80	Piranha 8x8	APC	2000	2001-2002	Incl ARV, CP, 81mm mortar carrier, ambulance, artillery observation version
	(2)	Martello S-743D	Air surv radar	1999	2002	
USA	12	F-16C	FGA aircraft	2002	..	Deal worth \$1.12 b incl armament and LANTIRN radars; F-16C/D Block-50 version; delivery 2005-2006
	14	LANTIRN	Combat ac radar	2002	..	For F-16C FGA aircraft
	80	AGM-65D Maverick	ASM	(2002)	..	For F-16C FGA aircraft; AGM-65D/E version
	50	AIM-120C AMRAAM	BVRAAM	2002	..	For F-16C FGA aircraft; delivery 2004
	100	AIM-9M Sidewinder	SRAAM	2002	..	For F-16C FGA aircraft; AIM-9M-8/9 version
	20	RGM-84 Harpoon	Anti-ship missile	(2002)	..	For F-16C FGA aircraft; AGM-84D version
	(562)	BGM-71 TOW	Anti-tank missile	2001	2002	BGM-71E TOW-2A version; delivery 2002-2003
<b>Pakistan</b>						
<b>S: China</b>	46	F-7MG	Fighter aircraft	(2001)	2002	Pakistani designation F-7PG; incl 6 FT-7PG version
	11	F-7MG	Fighter aircraft	(2002)	2002	Pakistani designation F-7PG

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
France	40	Mirage-5	FGA aircraft	1996	1998-2002	40	Ex-French; Blue Flash-6 deal worth \$120 m; modernized before delivery; incl 6 Mirage-3D version
	2	Agosta-90B Type	Submarine	1994	1999-2002	2	Deal worth \$750 m (+ \$200 m for modernization of Pakistan Naval Dockyard to build submarines) incl 1 licensed production; incl 1 assembled in Pakistan; Pakistani designation Khalid Class
	(96)	F-17P	AS torpedo	(1996)	1999-2002	(64)	F-17P Mod-2 version; for 3 Agosta-90B Type (Khalid Class) submarines
	(24)	SM-39 Exocet	Anti-ship missile	1994	1999-2002	(21)	Deal worth \$100 m; for Agosta-90B Type (Khalid Class) submarines
Indonesia	4	CN-235	Transport aircraft	2001	2002	(1)	Deal worth \$49 m; CN-235-220 version; delivery before 2005
Italy	(45)	Grifo	Combat ac radar	(2001)	2002	(45)	Grifo-7PG version; for 45 F-7MG (F-7PG) fighter ac
Russia	12	Mi-17/Hip-H	Helicopter	2001	2002	(12)	Deal worth \$50 m incl 4 second-hand Mi-17s; delivery 2002-2003
	4	Mi-17/Hip-H	Helicopter	2001	2002	4	Second-hand; modernized before delivery; deal worth \$50 m incl 12 new Mi-17s
Sweden	..	RBS-70	Portable SAM	(1985)	1988-2002	(375)	Assembled in Pakistan
	(24)	Type-43	ASW torpedo	1994	1999-2002	(16)	Type-43X2 version; for modernized Tariq (Amazon) Class frigates
USA	5	Bell-205/UH-1H	Helicopter	(2001)	2002	5	Designation uncertain; probably ex-US; part of \$73 m US aid for Afghan border patrol
	6	C-130E Hercules	Transport aircraft	2002	..	..	Ex-Australian aircraft sold back to US producer and transferred to Pakistan
	(6)	AN/FPS-88	Air surv radar	(2002)	..	..	Deal worth \$155 m; L-88 version on balloon; for Afghan border patrol; contract not yet signed
L: China	(150)	FC-1	FGA aircraft	1999	..	..	Developed for Pakistan; delivery possibly from 2004
	..	QW-1 Vanguard	Portable SAM	(1993)	1994-2002	(650)	Pakistani designation Anza-2

France	..	Red Arrow-8	Anti-tank missile	1989	1990-2002	(9 600)	Pakistani designation Bakhtar Shikan
Italy	1 (135)	Agosta-90B Type Grifo-7	Submarine Combat ac radar	1994 1995	2000-2002	.. (131)	See entry above on direct delivery of 2 For modernization of some 35 Mirage-3 and 100 F-7MP fighter aircraft
	(12)	Grifo-7	Combat ac radar	(2002)		..	Grifo-7PG version; for 12 F-7MG (F-7PG) fighter aircraft; contract not yet signed
<b>Peru</b>							
S: USA	2	A-37B Dragonfly	Ground attack ac	2002	2002	2	Ex-US; loan for anti-narcotic operations
	1	Cessna-525 Citation	Light transport ac	2002	2002	1	Ex-US; loan for anti-narcotic operations
<b>Philippines</b>							
S: USA	3	Bell-205/UH-1H	Helicopter	(2001)	2002	3	Ex-US; aid
	4	C-130K Hercules	Transport aircraft	(2002)		..	Ex-UK aircraft sold back to US producer; deal worth \$41 m; modernized before delivery; incl for MP
	1	Cyclone Class	Patrol craft	(2001)	2002	1	Ex-US; aid
<b>Poland</b>							
S: Germany	23	MiG-29S/Fulcrum-C	FGA aircraft	2002		..	Ex-German; aid; MiG-29G version; incl 4 MiG-29GT version; delivery 2003-2004
	(100)	AA-10a/b Alamo/R-27	BVRAAM	2002		..	Ex-German; aid; part of deal for 23 MiG-29 fighter aircraft
	(400)	AA-11 Archer/R-73	SRAAM	2002		..	See previous comment
	(150)	AA-8 Aphid/R-60	SRAAM	2002		..	See previous comment
	128	Leopard-2A4	Main battle tank	2002	2002	(15)	Ex-German; part of aid worth \$300-380 m; for use with Polish brigade operating as part of German division
	6	BrPz-1 Biber	ABL	2002		..	See previous comment
	10	Buffel	ARV	2002		..	See previous comment
	4	Keiler	AMV	2002		..	See previous comment
	35	M-113A2	APC	2002		..	See previous comment

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
Israel	(180)	Spike-MR/LR	Anti-tank missile	2002		..	Deal worth \$250 m incl licensed production; Spike-MR and probably Spike-LR versions; delivery 2003
Italy	3	RAT-31S/L	Air surv radar	(2002)		..	Deal worth \$90 m; part of NATO NADGE air-surveillance network; delivery 2006-2007
Lithuania	1	Mi-17/Hip-H	Helicopter	(2001)	2002	1	Second-hand; Mi-8MTV-1 version; partly financed by Polish oil company
Multiple sellers	..	MU-90 Impact	ASW torpedo	(2002)		..	Incl for Mi-14PL helicopters and MEKO-A100 Type and Perry (Pulaski) Class frigates; producers are France, Germany and Italy
Netherlands	3	STING	Fire control radar	2001		..	For modernization of 3 Orkan Class corvettes
Norway	(34)	Mk-37 533MM	AS torpedo	2002	2002	(15)	Ex-Norwegian; aid; for Type-207 Class submarines
	(30)	Type-613	AS torpedo	2002	2002	(15)	Ex-Norwegian; aid; for Type-207 Class submarines
	4	Type-207	Submarine	2002	2002	2	Ex-Norwegian; aid; 1 more delivered for spares only; delivery 2002-2004
Spain	8	CASA C-295M	Transport aircraft	2001		..	Deal worth \$212 m (offsets 100%); option on 4; delivery 2003-2005
Sweden	3	Giraffe AMB-3D	Air surv radar	2001		..	For modernization of 3 Orkan Class corvettes
	(60)	RBS-15 Mk-3	Anti-ship missile	(2001)		..	For 3 Orkan Class corvettes and probably for 2 MEKO-A100 Type frigates; contract not yet signed
UK	6	AS-90 turret	Turret	1999		..	Prior to licensed production; for use on Polish chassis; Polish designation Chrobry or Krab; delivery 2004
USA	48	F-16C	FGA aircraft	(2002)		..	Deal worth \$3.48 b (offsets worth \$9.8 b); delivery 2006-2008; contract not yet signed
	4	SH-2G Super Seasprite	AS/ASW helicopter	2001	2002	2	Ex-US; deal worth \$20-22 m; delivery 2002-2003
	(108)	RIM-66B Standard-1MR	SAM	(1999)	2000-2002	(108)	Ex-US; for Perry (Pulaski) Class frigates
	..	RIM-7PTC ESSM	SAM	(2001)		..	For MEKO-A100 Type frigates; contract not yet signed

	2	Perry Class	Frigate	1999	2000-2002	2	Ex-US; aid; Polish designation Pulaski Class
<b>L: Finland</b>	313	AMV	IFV	(2002)		..	Suhak programme worth \$1.25 b incl 32 reconnaissance and 345 APC version; delivery 2004-2013; contract not yet signed
	345	AMV	APC	(2002)		..	See previous comment
	32	AMV	Recece veh	(2002)		..	See previous comment
Germany	2	MEKO-A100 Type	Frigate	2001		..	Polish designation Project-621 or Gawron-2 Type; option on 2-5 more; delivery 2003-2005
Israel	(5 000)	Spike MR/LR	Anti-tank missile	2002		..	Deal worth \$250 m incl direct delivery; Spike-MR and probably Spike-LR versions; delivery from 2003/2004
Russia	10	An-28TD	Light transport ac	2001	2001-2002	(8)	
UK	(72)	AS-90 turret	Turret	1999		..	For use on Polish chassis; Polish designation Chrobry or Krab; delivery 2004-2016
<b>Portugal</b>							
<b>S: Multiple sellers</b>	12	EH-101-500	Helicopter	2001		..	Deal worth \$287-315 m (incl 1 financed by EU for fishery protection); for SAR; suppliers Italy and UK; delivery 2004-2006
USA	20	F-16A	FGA aircraft	1998	2001-2002	(12)	Ex-US; Peace Atlantis-2 deal worth \$268 m; modernized to F-16AM (F-16C) version in Portugal after delivery; incl 4 F-16B version; 5 more delivered for spares only; delivery 2001-2003
	20	AN/APG-66	Combat ac radar	(2000)	2001-2002	(12)	For MLU modernization of 20 F-16A FGA aircraft
	12	AIM-120C AMRAAM	BVRAAM	(2002)		..	
<b>Qatar</b>							
<b>S: France</b>	(48)	Apache	ASM	1994	1999-2002	(40)	For Mirage-2000-5 FGA aircraft; Black Pearl version



Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
<b>Romania</b>							
S: France	(660)	R-550 Magic-2	SRAAM	(1996)	2001-2002	(200)	For MiG-21 Lancer (modernized MiG-21MF) and possibly for MiG-29 fighter aircraft; may incl assembly or licensed production in Romania
Germany	(32)	Gepard	AAV(G)	(1997)	1999-2002	(32)	Ex-German; aid worth \$37 m; probably modernized before delivery; 11 more delivered for spares only
Israel	25	EL/M-2032	Combat ac radar	1993	1996-2002	(25)	For modernization of 25 MiG-21MF fighter aircraft to MiG-21 Lancer-A
UK	(960) 2	Spike-MR/LR Boxer Class	Anti-tank missile Frigate	(1998) (2002)	1999-2002	(400) ..	For modernized SA-330 (IAR-330) helicopters Ex-UK; deal worth \$140-187 m (offsets 80-90%); modernized before delivery; delivery 2004-2005
<b>Russia</b>							
S: Uzbekistan	(6)	Il-76M/Candid-B	Transport aircraft	(2001)	2002	(2)	No. ordered could be 7
<b>Saudi Arabia</b>							
S: Canada	(8) 130	Bell-412 Piranha/LAV-90	Helicopter AFSV	2001 2000	2002 2000-2001	(8) (66)	Deal worth \$150 m incl 8 from Italy Deal worth \$416 m incl 1827 BGM-71 missiles; ordered via USA as part of 1990 deal worth \$700 m including 987 other version; for National Guard
France	3	F-3000S Type	Frigate	1994	2002	1	Sawari-2 deal worth \$3.42 b incl other weapons and construction of a naval base (offsets 35%); also designated Modified La Fayette Type; Saudi designation Al Riyadh Class; delivery 2002-2004
	(72) (24) (48)	ASTER-15 SAAM F-17P MM-40 Exocet	SAM AS torpedo Anti-ship missile	(1997) (1997) 1994	2002 2002 2000-2002	(24) (8) (20)	For F-3000S Type (Al Riyadh Class) frigates For F-3000S Type (Al Riyadh Class) frigates For F-3000S Type (Al Riyadh Class) frigates; MM-40 Block-2 version
Italy	(8)	Bell-412/AB-412	Helicopter	2001	2002	(8)	Deal worth \$150 m incl 8 from Canada

USA	105	AGM-65D Maverick	ASM	2001	2002	(50)	Deal worth \$21 m; including 7 AGM-65G version for F-15 FGA aircraft; delivery 2003
	500	AIM-120C AMRAAM	BVRAAM	2000		..	Deal worth \$416 m incl 132 Piranha IFV from Canada; BGM-71E TOW-2A version; for National Guard
	1 827	BGM-71 TOW	Anti-tank missile	2000	2001-2002	(1 827)	BGM-71E TOW-2A version; delivery 2002-2003
	(562)	BGM-71 TOW	Anti-tank missile	2001	2002	(281)	
<b>Singapore</b>							
S: France	1	La Fayette Class	Frigate	2000		..	Project Delta; delivery 2005
	(144)	ASTER-15 SAAM	SAM	(2001)		..	For La Fayette Class frigates
Israel	(600)	Python-4	BVRAAM	(1997)	1997-2002	(460)	For F-5S and F-16 FGA aircraft
	..	Spike-MR/LR	Anti-tank missile	1999	2001-2002	(350)	Probably Spike-LR version; assembled in Singapore
USA	8	AH-64D Apache	Combat helicopter	1999	2002	(8)	Peace Vanguard deal worth \$620 m (incl \$25.9 m for Longbow radars) incl 192 AGM-114K missiles; stationed in USA until 2008
	12	AH-64D Apache	Combat helicopter	2001		..	Peace Vanguard deal worth \$617 m; delivery by 2005; stationed in USA until 2008
	(192)	AGM-114K Hellfire	Anti-tank missile	(2001)		..	For AH-64D helicopters
	20	F-16C	FGA aircraft	2000		..	Delivery from 2003
	100	AIM-120C AMRAAM	BVRAAM	2001	2002	(50)	Deal worth \$100 m; for F-16 and possibly F-5S FGA aircraft; stored in USA
	2	S-70A/UH-60L	Helicopter	2000	2002	(2)	
	54	M-109 chassis	Gun chassis	(2001)	2001-2002	(29)	Fitted in Singapore with 155mm turret
L: France	5	La Fayette Class	Frigate	2000		..	Project Delta, delivery 2006-2009
Russia	(3 000)	SA-16 Gimlet/Igla-1	Portable SAM	(2001)		..	Status uncertain
<b>Slovakia</b>							
S: Russia	4	Mi-17/Hip-H	Helicopter	2002	2002	4	Mi-171 version; payment for Russian debt to Slovakia

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
<b>Slovenia</b>							
S: France	2	AS-532UL/AS-332L1	Helicopter	2001		..	Deal worth \$24 m; AS-532AL version; delivery 2003
	2	AS-532UL/AS-332L1	Helicopter	2002		..	Deal worth \$35 m; for troop transport and SAR; AS-532AL version; delivery 2004
L: Austria	(20)	Pandur	APC	1998	1999-2002	(20)	Slovenian designation Valuk; option on 50 more
<b>South Africa</b>							
S: France	(64)	MM-40 Exocet	Anti-ship missile	2000		..	For MEKO-A200 Type frigates
	..	Mistral	Portable SAM	(2002)		..	For Rooivalk combat helicopter; contract not yet signed
Germany	4	MEKO-A200 Type	Frigate	(2000)		..	Deal worth \$0.8-1.115 b (offsets \$3.2 b incl \$403 m for arms industry); South African designation Amata Class; delivery 2004-2005
	3	Type-209/1400	Submarine	1999		..	Deal worth \$600-795 m (offsets 375-430%); Type-209/1400MOD version; delivery 2005-2007
Italy	30	A-109 Hirundo	Light helicopter	1999		..	Deal worth \$240 m (offsets \$977 m incl \$191 m for arms industry; incl transfer of production-line of A-109 and A-119 to South Africa); A-109ULH version; incl 25 assembled in South Africa; option on 10 more; delivery 2003-2005
Netherlands	..	PAGE	Air surv radar	(2002)		..	Part of Ground Based Air Defence System (GBADS) programme; contract not yet signed
Sweden	9	JAS-39 Gripen	FGA aircraft	1999		..	Deal worth \$1.16 b incl 12 Hawk-100 from UK (offsets \$8.7 b incl \$1.5 b for arms industry); JAS-39B version; for delivery 2006/2007-2009; option on 19 more
UK	12	Hawk-100	FGA/trainer ac	1999		..	Part of deal incl 9 JAS-39 from Sweden; assembled in South Africa; Hawk-100LIFT/Hawk-120 version; delivery 2005

12	Hawk-100	FGA/trainer ac	2002	1999-2002	..	Hawk-100LIFT/Hawk-120 version; assembled in South Africa
..	Starstreak	Portable SAM	(2002)	2001-2002	..	Part of Ground Based Air Defence System (GBADS) programme; contract not yet signed
<b>South Korea</b>						
(48)	Crotale-NG	SAM system	(1999)	1999-2002	(30)	Part of Korean Chun Ma or Pegasus AAV(M); for use with Korean-developed SAM
8	CN-235	Transport aircraft	1997	2001-2002	8	Deal worth \$120-143 m (offsets incl Indonesian order for KT-1 trainer ac and other military equipment from Korea); CN-235-220 version; incl 2 for VIP transport
3	Goalkeeper	CIWS	1999		..	For 3 KDX-2 Type frigates; delivery from 2004
5	Goalkeeper	CIWS	(2002)		..	Deal worth \$50 m; for 1 LPX Class AALS and 3 KDX-2 Class frigates
23	Il-103	Light aircraft	2002		..	Deal worth \$9 m; incl \$4.5 m payment of Russian debt to South Korea; for training; delivery 2003
30	BMP-3	IFV	2002		..	Payment of Russian debt to South Korea; delivery 2003-2006
3	T-80U	Main battle tank	2002		..	See previous comment
..	AT-13 Saxhorn/9M131	Anti-tank missile	2002		..	See previous comment
40	F-15K	Fighter/bomber ac	2002		..	F-X programme worth \$4.4 b (offsets 65%); F-15K version; delivery 2005-2008
147	AIM-120C AMRAAM	BVRAAM	2002		..	Deal worth \$110 m incl AIM-9X missiles; delivery 2004
..	AIM-9X Sidewinder	SRAAM	2002		..	See previous comment
29	M-270 MLRS	MRL	2002		..	Deal worth \$498 m; delivery 2003-2004
(44)	AN/APG-67	Combat ac radar	(2001)		..	For 44 A-50 FGA aircraft produced in South Korea
4	AN/FPS-117	Air surv radar	2000	2002	(4)	Delivery 2002
3	AN/SPS-49	Air surv radar	(1999)		..	For 3 KDX-2 Type frigates produced in South Korea
64	RIM-116A RAM	SAM	2001		..	For KDX-2 Type frigates; delivery probably 2003
110	RIM-66M Standard-2	SAM	2000		..	Deal worth \$159 m; for KDX-2 Type frigates
3	AN/SPY-1D	Air surv radar	(2002)		..	For 3 KDX-3 Type destroyers

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	3	AN/TPS-117	Air surv radar	2002		..	Deal worth \$39 m; delivery 2004
	111	MGM-140A1 ATACMS	SSM	2001		..	Deal worth \$81 m; delivery 2004
	100	Popeye-1	ASM	(1997)	2000-2002	(75)	Deal worth \$125 m incl modernization of 30 F-4E FGA aircraft; US designation AGM-142; delivery 2000-2003
	(72)	RGM-84 Harpoon	Anti-ship missile	(1994)	1998-2002	(40)	UGM-84 version; for Type-209 (Chang Bogo Class) submarines
<b>L: Germany</b>	3	Type-214	Submarine	2000		..	KSS-2 Programme worth \$1.1 b (incl \$711 m import from Germany); delivery 2007-2009
Netherlands	3	MW-08	Air surv radar	1999		..	For 3 KDX-2 Type frigates produced in South Korea
	6	STIR	Fire control radar	1999		..	For 3 KDX-2 Type frigates produced in South Korea
USA	20	F-16C	FGA aircraft	2000		..	Deal worth \$663 m; F-16 Block-52 version; Korean designation KF-16; delivery 2003-2004
	3	Mk-45 127mm/54	Naval gun	1999		..	Deal worth \$22 m; Mk-45 Mod-4 version; for KDX-2 Type frigates produced in South Korea
	67	LVTP-7A1/AAV-7A1	APC	2000	2001-2002	(22)	Deal worth \$99-120 m; KAAV (Korean designation Korean Armoured Amphibious Vehicle); delivery 2001-2006
<b>Spain</b>							
S: Canada	4	AN/APS-504(V)	MP aircraft radar	(1999)	2002	(1)	For 4 CN-235MP MP aircraft
France	2	A310	Transport aircraft	2000	2002	(2)	Second-hand; A310-304 version; modified to tanker aircraft in Spain
	15	AS-532U2/AS-332L2	Helicopter	1997	1998-2002	(15)	Deal worth \$205 m (offsets 100%)
Germany	30	Leopard-2A5	Main battle tank	1998	2002	(1)	Deal worth \$2.2 b (offsets 80%) incl 189 licensed production and 16 Buffel ARVs; Leopard-2A5E version; delivery 2002-2003
	4	Buffel	ARV	1998		..	See previous comment

Italy	22	B-1 Centauro	Armoured car	1999	2000-2002	(22)	Deal worth \$70 m (offsets 100%); Spanish designation VRC-105
	62	B-1 Centauro	Armoured car	2002		..	Deal worth \$185 m; Spanish designation VRC-105; delivery 2004-2006
	4	RAN-12L/X	Air/sea surv radar	(1996)	2001	1	For 4 De Bazán (F-100) Class frigates produced in Spain 2002-2006
Norway	(20)	Penguin Mk-2-7	Anti-ship missile	(2000)		..	Deal worth \$26.3 m (offsets for Norwegian order for 5 frigates); option on more; for S-70/SH-60B helicopters
Sweden	20	Bv-206S	APC	2000	2002	(5)	Incl 10 ordered in 2001 for \$5 m; option on up to 30 more
Switzerland	18	Piranha-3 8x8	APC	2001		..	Delivery 2003-2004
USA	6	S-70B/SH-60B Seahawk	ASW helicopter	2000		..	Deal worth \$77 m incl modernization of 6 Spanish S-70Bs; Spanish designation HS-23
	4	Mk-45 127mm/54	Naval gun	1999	2002	1	Ex-US; modernized before delivery; for 4 De Bazán (F-100) Class frigates produced in Spain
	4	AN/SPY-1F	Air surv radar	1996	2002	1	Deal worth \$750 m; part of AEGIS combat system for De Bazán (F-100) Class frigates
	8	AN/SPG-62	Fire control radar	(1996)	2002	2	For use with Standard and ESSM SAMs on 4 De Bazán (F-100) Class frigates
	(80)	RIM-66M Standard-2	SAM	(1998)	2001-2002	(80)	Deal worth \$105 m incl 32 training missiles; SM-2 Block-3A version; for F-100 (De Bazán) Class frigates
	29	RIM-66M Standard-2	SAM	(2002)		..	Deal worth \$29 m; SM-2 Block-3A version; for De Bazán (F-100) Class frigates
	(384)	RIM-7PTC ESSM	SAM	(2001)		..	For F-100 (De Bazán) Class frigates; contract not yet signed
	4	AN/MPQ-64	Air surv radar	(2000)		..	Ordered via Norway as part of 4 NASAMS SAM systems
	..	AIM-120A AMRAAM	SAM	(2000)		..	For 4 NASAMS SAM systems ordered from Norway
	31	AIM-120C AMRAAM	BVRAAM	(2002)		..	Deal worth \$21 m; for F/A-18 FGA aircraft
	..	BGM-71F TOW-2B	Anti-tank missile	2002		..	
	226	Javelin	Anti-tank missile	(2001)		..	Deal worth \$25 m incl 12 launchers; status uncertain

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
L: Germany	189	Leopard-2A5+	Main battle tank	1998		..	Deal worth \$2.2 b (offsets 80%) incl direct delivery of 30 and 16 Buffel ARVs; Leopard-2A5E version; delivery from 2003
	12	Buffel	ARV	1998		..	See previous comment
<b>Sri Lanka</b>							
S: USA	1	Beech-200 HISAR	AGS aircraft	2000	2002	1	For use against LTTE rebels
	2	AN/TPQ-36 Firefinder	Arty locating radar	(2000)		..	Deal worth \$22 m; status uncertain
<b>Sudan</b>							
S: Russia	12	MiG-29S/Fulcrum-C	FGA aircraft	2002		..	Deal worth \$120 m; delivery probably 2003
<b>Sweden</b>							
S: Finland	104	XA-200	APC	2000	2001-2002	(60)	Deal worth \$67 m; for peacekeeping forces; XA-203S version; including 18 XA-202S CP version
	63	XA-200	APC	2002		..	Deal worth \$37 m; XA-2025 version; delivery 2003-2008
Germany	14	Buffel	ARV	1999	2002	(8)	Deal worth \$125 m; Swedish designation Bgbv-120; delivery 2002-2003
Italy	..	IRIS-T	SRAAM	(2002)		..	Contract not yet signed
	20	A-109M	Light helicopter	2001	2002	(2)	Deal worth \$113 m; A-109 Power version; Swedish designation Hkp-15; for training; incl components made in South Africa as offsets for South African order for JAS-39 combat ac; delivery 2002-2007
Multiple sellers	18	NH-90 TTH	Helicopter	2001		..	Deal worth \$660 b (offsets 100% incl production of parts for 200 NH-90 worth \$220 m); incl 5 for SAR; Swedish designation Hkp-14; ordered from

Switzerland	5	Piranha-3 10x10	APC	2000	2002	5	France and Germany and produced in Finland; delivery 2005-2009
USA	(5)	AN/APS-143(V)	MP aircraft radar	2002		..	Fitted with Giraffe air surveillance radar in Sweden Deal worth \$7.6 m; for NH-90 helicopters
<b>L:</b> Germany	91	Leopard-2A5+	Main battle tank	1994	1998-2002	(91)	Deal worth \$770 m incl 160 ex-German Leopard-2 tanks (offsets 120%); option on 90 more; Swedish designation Strv-122
<b>Switzerland</b>							
<b>S:</b> France	12	AS-532UC/AS-332	Helicopter	1998	2000-2002	(12)	Deal worth \$208 m; incl 10 assembled in Switzerland
Germany	25	Buffel	ARV	2001		..	Deal worth \$63-70 m (offsets 10.5%); delivery 2004-2005
UK	(2 000)	Rapier Mk-2	SAM	(2002)		..	Assembled in Switzerland; delivery 2004-2007
USA	24	PSTAR-ER	Air surv radar	(2002)		..	Deal worth \$24 m; delivery 2004
	(222)	AIM-9X Sidewinder	SRAAM	2002		..	Deal worth \$104 m; for F/A-18CD aircraft
<b>L:</b> Sweden	185	CV-9030CH	IFV	2000	2002	(4)	Schutzenpanzer-2000 programme worth \$424 m incl direct delivery of 1; incl 32 CV-9030CH-COM CP version; delivery 2002-2005; option on 124 more
<b>Syria</b>							
<b>S:</b> Russia	(14)	Su-27SK/Flanker-B	FGA aircraft	(1999)	2002	(4)	Status uncertain
<b>Taiwan</b>							
<b>S:</b> USA	30	AH-64D Apache	Combat helicopter	2002		..	Deal worth \$1.29 b
	(21)	Bell-209/AH-1W	Combat helicopter	1997	2000-2002	(21)	Deal worth \$479 m
	9	CH-47D Chinook	Helicopter	1999	2001-2002	(9)	Deal worth \$300-486 m
	2	E-2C Hawkeye	AEW&C aircraft	1999		..	Deal worth \$400 m; E-2T version; delivery 2003-2004/2005
	146	M-109A5	Self-propelled gun	(2001)		..	Deal worth \$405 m; status uncertain
	300	M-60A3 Patton-2	Main battle tank	1996	1998-2002	(300)	Ex-US; deal worth \$223 m



Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	11	AN/FPS-117	Air surv radar	2002		..	Incl 4 AN/TPS-117 version
	40	AGM-65G Maverick	ASM	(2001)		..	Deal worth \$18 m; for F-16 FGA aircraft
	200	AIM-120C AMRAAM	BVRAAM	2000	2001-2002	(100)	Deal worth \$150 m; for F-16 FGA aircraft; stored in USA until China introduces similar missiles
	290	BGM-71F TOW-2B	Anti-tank missile	2002		..	Deal worth \$18 m
	360	Javelin	Anti-tank missile	(2002)		..	Deal worth \$51 m incl 40 launchers; status uncertain
	(77)	RGM-84 Harpoon	Anti-ship missile	2001		..	Delivery probably 2003
	4	Kidd Class	Destroyer	(2002)		..	Ex-US; deal worth \$750-840 m; contract not yet signed
<b>L: USA</b>	8	Perry Class	Frigate	1989	1993-98	7	Taiwanese designation Cheng Kung Class; Kwang Hua-1 project; delivery 1993-2004
<b>Tanzania</b>							
<b>S: UK</b>	1	Watchman	Air surv radar	2001		..	Deal worth \$40 m
<b>Thailand</b>							
<b>S: China</b>	2	OPV-85m	OPV	2002		..	Deal worth \$66-88 m
Italy	2	RAN-30X	Air surv radar	(2002)		..	For 2 OPVs delivered from China
UK	2	Super Lynx	ASW helicopter	2001		..	Deal worth \$25 m (offsets 50%)
USA	30	Bell-205/UH-1H	Helicopter	2001		..	Ex-US; aid; modernized before delivery for about \$37 m; delivery 2002-2003/2004
	6	Bell-209/AH-1F	Combat helicopter	2001		..	Ex-US; aid; modernized before delivery for c. \$7 m; delivery 2002-2004
	16	F-16A	FGA aircraft	2000	2002	(10)	Ex-US; Peace Naresuan-4 deal worth \$130-157 m; modernized before delivery; incl 1 F-16B version; incl 2 more for spares only
	8	AIM-120C AMRAAM	BVRAAM	(2001)		..	For F-16 FGA aircraft; to be stored in USA

	3	S-70A/UH-60L	Helicopter	2001	2001-2002	(3)	Deal worth \$30 m; for patrol and anti-narcotics operations along border with Myanmar
	2	S-70A/UH-60L	Helicopter	2001		..	Delivery 2003
<b>Tunisia</b>							
<b>S: USA</b>	1	C-130B Hercules	Transport aircraft	(2001)	2002	1	Ex-US
<b>Turkey</b>							
<b>S: France</b>	19	Ocean Master	MP aircraft radar	2002		..	Deal worth \$400 m incl 19 FITS surveillance systems; for 19 CN-235MPA MP aircraft
	19	Eryx	Anti-tank missile	1998	1998-2002	(2 512)	Deal worth \$485 m incl 1 600 launchers; delivery 1998-2007
	6	D'Orves Class	Corvette	2000	2001-2002	6	Ex-French; Turkish designation Burak Class; deal worth \$210 m (incl \$150 m for reactivation of 5)
	(24)	MM-38 Exocet	Anti-ship missile	(2000)	2002	(24)	Second-hand; for D'Orves Class corvettes
Germany	(1 500)	FIM-92C Stinger	Portable SAM	1986	1998-2002	(1 500)	Part of European Stinger Production Programme involving production of components in Turkey
	1	Frankenthal Class	MCM ship	1999		..	Deal worth \$625 m incl 5 licensed production; Turkish designation Alanya Class; delivery 2003
	1	Kiliç Class	FAC(M)	2000		..	Delivery 2003
Israel	54	EL/M-2032	Combat ac radar	1997	2001	(10)	For 54 F-4E FGA aircraft modernized in deal worth \$600-700 m in Israel to F-4E-2020
	(110)	Harpy	Anti-radar UAV	1999	2000-2002	(83)	For F-4E-2020 FGA aircraft
	(46)	Popeye-1	ASM	(1998)	2000-2001	(15)	Two deals worth \$52 m and \$35 m; for SAR; AB-412EP version; for coastguard
Italy	9	Bell-412EP/AB-412EP	Helicopter	1998	2001-2002	(6)	Part of NADGE (NATO Air Defence Ground Environment) network; RA-31DL version
	4	RAT-31S/L	Air surv radar	2002		..	For 4 Kiliç Class FAC
Netherlands	4	LIROD	Fire control radar	2001		..	For 4 Kiliç Class FAC
	4	MW-08	Air surv radar	2001		..	For 4 Kiliç Class FAC
	4	STING	Fire control radar	2001		..	For 4 Kiliç Class FAC
Norway	16	Penguin Mk-2-7	Anti-ship missile	2000	2001-2002	(16)	Deal worth \$34-40 m; for S-70/SH-60B helicopters

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
South Korea	(20)	K-9 Thunder 155mm	Self-propelled gun	2001	2002	(8)	Deal worth \$67 m; prior to licensed production; assembled in Turkey; Turkish designation Firtina; delivery 2002–2003
USA	4	Boeing-737 AEW	AEW&C aircraft	2002		..	Deal worth \$1.1 b (offsets worth \$500 m); option on 2 more; delivery from 2005
	50	S-70A/UH-60L	Helicopter	1999	1999–2002	(50)	Deal worth \$561 m (offsets worth \$110 m); Turkish designation Karaku
	8	S-70B/SH-60B Seahawk	AS/ASW helicopter	1998	2002	8	S-70B-28 version; originally 4 ordered 1997 but changed to 8 in 1998
	(140)	Dragoon	APC	(1998)	2002	(40)	Deal worth \$45 m; for police; delivery 2002–2004
	72	AGM-114B Hellfire-2	ASM	2000	2001–2002	(72)	For Bell-209/AH-1W helicopters
	144	AGM-114B Hellfire-2	ASM	2002		..	For Bell-209/AH-1W helicopters
	16	RGM-84 Harpoon	Anti-ship missile	1995	2002	(16)	Deal worth \$15.3 m; for MEKO-200T-2 Type (Barbaros Class) frigate
	1	Perry Class	Frigate	2001	2002	1	Ex-US; lease worth \$28 m; Turkish designation Gaziantep Class
<b>L:</b> France	30	AS-532UL/AS-332L1	Helicopter	1997	2000–2002	(28)	Phoenix-2 deal worth \$430 m incl direct delivery of 2 (offsets 50%); incl 18 for SAR and 5 for combat SAR; delivery 2000–2003
Germany	5	Frankenthal Class	MCM ship	1999		..	Deal worth \$625 m incl direct delivery of 1; Turkish designation Alanya Class; delivery 2004–2007
	3	Kiliç Class	FAC(M)	2000		..	Delivery from 2005
	4	Type-209/1400	Submarine	1998		..	Deal worth \$556 m; Turkish designation Gu r Class; delivery 2004–2006/2007
South Korea	(280)	K-9 Thunder 155mm	Self-propelled gun	(2001)		..	Deal worth \$1 b; delivery 2003–2012
Spain	9	CN-235MP	MP aircraft	1998	2002	(6)	Meltem programme worth \$103–120 m; incl 3 MSA version for coastguard; Turkish designation CN-235D/K

UK	840	Rapier Mk-2	SAM	1999	2002	(50)	Deal worth \$130–150 m, for use with Rapier SAM systems modernized to Rapier BIX (Rapier-2) version; delivery 2002–2010
USA	551	AIFV	IFV	2000	2001–2002	(202)	Deal worth \$338 m; incl APC and mortar carrier versions; delivery 2001–2004
<b>UAE</b>							
S: France	(4)	AS-365F/565SA Panther	ASW helicopter	1997	2001–2002	(4)	For Dubai
	(32)	AS-15TT	Anti-ship missile	(1997)	2001–2002	(32)	For AS-565SB helicopters; for Dubai
	30	Mirage-2000-5 Mk-2	FGA aircraft	1998		..	Deal worth \$3.4 b incl modernization of 33 UAE Mirage-2000 to Mirage-2000-5 Mk-2 version; incl 11 Mirage-2000DAD version; incl 12 ex-French Mirage-2000 rebuilt to Mirage-2000-5 Mk-2 version; delivery 2003–2005
	(756)	MICA	BVRAAM	1998		..	For Mirage-2000-5 Mk-2 FGA aircraft; MICA-EM version; delivery 2003
	500	R-550 Magic-2	SRAAM	(1998)		..	For Mirage 2000-5 Mk-2 FGA aircraft
	390	Leclerc	Main battle tank	1993	1994–2002	(390)	Deal worth \$3.4 b incl 46 Leclerc ARVs (offsets 60%); incl 2 Leclerc Driver Training Tank version
	46	Leclerc DNG	ARV	1993	1997–2002	(45)	See previous comment
	4	Ocean Master	MP aircraft radar	(2001)		..	For 4 CN-295MPA MP aircraft
	1	P-37BRL Type	FAC(M)	2002		..	Bayunah programme worth \$776 m incl 5 licensed production; for Abu Dhabi; also designated Combattante-1 Type
Germany	(64)	Tpz-1 Fuchs	APC	(2001)		..	Deal worth \$25 m, NBC reconnaissance version
Russia	50	96K9 Pantzyr-S1	AAV(G/M)	2000	2002	(10)	Deal worth \$734 m; delivery probably 2002–2004
	(1 200)	SA-19 Grison/9M111	SAM	2000	2002	(400)	For 50 96K9 Pantzyr-S1 SAM AAV(G/M)s
Spain	4	C-295MPA	ASW/MP aircraft	2001		..	Shaheen-1 programme worth \$114 m; for Abu Dhabi
UK	..	Black Shahine	ASM	1998		..	For Mirage-2000-5 Mk-2 FGA aircraft; delivery 2003–2004
USA	80	F-16C Block-60	FGA aircraft	2000		..	Deal worth \$5 b (incl \$400 m for engines); incl 40 F-16D version; delivery 2004–2007
	(267)	AIM-9M Sidewinder	SRAAM	2002		..	For F-16C FGA aircraft

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
Ukraine	(80)	BTR-3U	IFV	2002	2002	(40)	No. ordered could be 90
L: France	5	P-37BRL Type	FAC(M)	2002		..	Baynunah programme worth \$776 m incl direct delivery of 1; for Abu Dhabi; also designated Combattante-1 Type
<b>UK</b>							
S: Canada	5	BD-700 Global Express	Transport aircraft	1999		..	Deal worth \$1.3 b (offsets 100%) incl ASTOR radars; for modification to AGS aircraft in USA and UK with ASTOR radars; delivery 2005
	6	Bell-412EP	Helicopter	2002	2002	(2)	Operated by civilian company for the UK armed forces pilot training and SAR; delivery 2002-2003
Germany	4	Ro-Ro 20000-ton Type	Cargo ship	2000	2002	2	Deal worth \$1.8 b incl 2 licensed production; operated by civilian company for UK armed forces; UK designation Hurst Point Class; delivery 2002-2003
Netherlands	2	Goalkeeper	CIWS	(1996)		..	For 2 Albion Class AALs produced in UK
Norway	4	FBRV	ARV	(1999)	2002	(1)	Deal worth \$12.4 m; option on 1 more; delivery 2002-2003
South Africa	6	SA-330 Puma	Helicopter	2002	2002	6	Ex-South African
Sweden	108	BvS-10	APC	2000	2001	2	Deal worth \$86 m (armour produced in UK); incl CP and ARV version; delivery 2001 and 2003-2005
	4	ARTHUR	Arty locating radar	2002		..	MAMBA programme; option on 4 more; delivery 2003-2004
USA	4	ARTHUR	Arty locating radar	(2001)	2002	4	Lease incl for use in Afghanistan
	8	Cougar	APC	2001		..	Deal worth \$3.6 m; UK designation Tempest; delivery 2003
	980	AGM-114 Longbow	Anti-tank missile	1995	2000-2002	(670)	Deal worth \$3.95 b (offsets 100%) incl 67 AH-64D helicopters; assembled in UK; delivery 2000-2003
	(1 600)	AGM-114K Hellfire	Anti-tank missile	(1996)	2000-2002	(800)	For AH-64D helicopters; assembled in UK
	..	AIM-120B AMRAAM	BVRAAM	2000	2002	(25)	Deal worth \$285 m

20	BGM-109 Tomahawk	SLCM	1999	2001–2002	20	Deal worth \$50 m; BGM-109 T-LAM Block-IIIC version; for Swiftsure and Trafalgar Class submarines	
22	BGM-109 Tomahawk	SLCM	2002		..	Deal worth \$30 m; ex-US UGM-109C version modernized to BGM-109 T-LAM Block-IIIC version; delivery 2004	
..	FIM-92A Stinger	Portable SAM	2001		..	Part of deal worth \$89 m for 1007 missiles for Greece, Italy and UK; delivery 2003–2004	
(5 000)	Javelin	Anti-tank missile	(2002)		..	NLAW (Next Generation Light Armour Weapon) programme worth \$485 m (offsets 100%); delivery from 2005; contract not yet signed	
<hr/>							
L: Germany	2	Ro-Ro 20000-ton Type	Cargo ship	2000	2002	1	Deal worth \$1.8 b incl direct delivery of 4 and 25-year operation by civilian company for UK Joint Rapid Reaction Force; UK designation Hurst Point Class; delivery 2002–2003
Netherlands	4	Mod. Rotterdam Class	AALS	2000		..	Deal worth \$300 m; UK designation Bay Class; delivery 2004–2005
USA	59	AH-64D Apache	Combat helicopter	1996	2001–2002	(32)	Deal worth \$2.8–3.95 b (offsets 100%) incl direct delivery of 8 and 980 AGM-114 missiles; WAH-64D Apache Mk-1 version; delivery 2001–2004
	5	ASTOR	AGS radar	1999		..	Deal worth \$1.3 b (offsets 100%) incl 5 BD-700 aircraft from Canada used as platform for the radar
<hr/>							
USA							
S: Australia	1	Westpac Class	Transport ship	2002	2002	1	3-year lease worth \$80 m; US designation HSV-X1
Brazil	14	AMT-100	Trainer aircraft	2001	2002	5	Deal worth \$2.5 m; US designation T-14; delivery to be completed by 2003
Canada	164	Bell-206 JetRanger	Light helicopter	1993	1993–2001	(149)	For training; Bell-206B-3 version; US designation TH-67A Creech; delivery 1993–2003

Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
	366	Piranha/LAV-25	IFV	2000	2002	(290)	LAV programme worth \$4 b incl option on 1765 more; incl APC, mortar carrier and armoured car version; assembled in USA; US designation Stryker; delivery 2002–2003
Israel	2	Kfir C2	FGA aircraft	(2001)	2002	2	Ex-Israeli; leased by civilian company for training of US armed forces; Kfir TC2 version
	2	Kfir C7	FGA aircraft	2002	2002	2	Ex-Israeli; modernized before delivery; delivered to civilian company for training of US armed forces
Norway	6	Penguin Mk-2-7	Anti-ship missile	1997	2000–2002	(6)	Deal worth \$6 m; US designation AGM-119B
Spain	(35)	CN-235MP Persuader	MP aircraft	2002	..	..	Deepwater-2000 programme; for coastguard
Sweden	2	Giraffe AMB-3D	Air surv radar	2002	..	..	Delivery 2004
Switzerland	32	F-5E Tiger-2	FGA aircraft	(2002)	..	..	Ex-Swiss; for use in training; contract not yet signed
<b>Unknown</b>	(2)	Mi-17/Hip-H	Helicopter	(2002)	2002	(2)	Second-hand; supplier could be Russia; used by US forces in Afghanistan
<b>L: Austria</b>	(50)	Pandur	APC	1999	2000–2002	(35)	Deal worth \$51 m; US designation AGMS; delivery 2000–2003; more produced for export
Israel	..	Popeye-1/AGM-142	ASM	1998	2002	(25)	US designation AGM-142A Have Nap or Raptor
Switzerland	(710)	PC-9/T-6A Texan-2	Trainer aircraft	1996	1999–2002	(84)	JPATS programme worth \$7 b (incl \$4.7 b for aircraft only); delivery 1999–2017
<b>UK</b>	187 (645)	Hawk/T-45A Goshawk UFH	Jet trainer aircraft Towed gun	1981 (2000)	1990–2002 2002	(150) (2)	VTXTS or T-45TS programme; delivery 1990–2005 US designation M-777; delivery 2004–2010
<b>Unknown</b>	(3)	SA-7 Grail/Strela-2	Portable SAM	(2002)	2002	(3)	SA-7b/Strela-2M version; used by rebel/terrorist group, poss. bin Laden/al-Qaeda, in unsuccessful attack on bin Laden/al-Qaeda or poss. Army of Palestine in unsuccessful attack on Israeli civilian ac in Kenya

<b>Uruguay</b>						
<b>S:</b> UK	2	Wessex HC-2/HU-5	Helicopter	2002	2002	2 Ex-UK; Wessex HC-2 version; aid; incl for SAR
<b>Uzbekistan</b>						
<b>S:</b> Russia	50	BTR-80	APC	2001	2001-2002	(50) Deal worth \$30 m incl other weapons
<b>Venezuela</b>						
<b>S:</b> Brazil	12	AMX-T	FGA/trainer ac	2002		AMX-ATA version; delivery from 2005
Israel	(2)	EL/M-2238	Air surv radar	1999	2002	2 For modernization of 2 Sucre (Lupo) Class frigates
	(54)	Barak	SAM	1999	2002	(54) Deal worth \$20 m incl 3 ADAMS launchers; option on more; ordered via Dutch company
Italy	12	SF-260M	Trainer aircraft	1998	2000-2002	(12) Deal worth \$12 m; SF-260EU version
Netherlands	3	Flycatcher Mk-2	Fire control radar	1999	2001-2002	(3) For use with 3 ADAMS SAM launchers delivered from Israel; option on 3 more
USA	4	F28/280	Light helicopter	2001	2002	4 F280FX version; for National Guard; for training
<b>Viet Nam</b>						
<b>S:</b> Poland	4	An-2T/Colt	Light transport ac	1999	2002	4
Russia	(72)	SA-16 Gimlet/Igla-1	Portable SAM	(1996)	2001-2002	(48) SA-N-10 version for BPS-500 Type (Ho-A Class) FAC; designation uncertain
	(32)	SS-N-25/Kh-35 Uran	Anti-ship missile	(1996)	2001-2002	(16) For BPS-500 Type (Ho-A Class) FAC
	2	Svetlyak Class	Patrol craft	2001	2002	(1)
<b>L:</b> Russia	(2)	BPS-500/Type-1241A	FAC(M)	1996	2001	(1) Vietnamese designation Ho-A Class
<b>Yemen</b>						
<b>S:</b> Czech Republic	12	Zlin-242L	Trainer aircraft	2001	2001-2002	(10)
North Korea	15	SS-1 Scud-C	SSM	(1994)	2002	15
Poland	1	Polnocny Class	Landing ship	1999	2002	1 Deal worth \$50 m incl 3 Deba Class landing craft; Yemeni designation Bilquis Class



Recipient/ supplier (S) or licensor (L)	No. ordered	Weapon designation	Weapon description	Year of order/ licence	Year(s) of deliveries	No. delivered/ produced	Comments
Russia	(15)	MiG-29S/Fulcrum-C	FGA aircraft	(2001)	2002	(15)	Deal worth \$300-437 m; no. ordered could be up to 24
<b>Acronyms and abbreviations</b>							
ac	Aircraft	CIWS	Close-in weapon system	SAR	Search and rescue		'Contract not yet signed' is used in the
AALS	Amphibious assault landing ship	CP	Command post	SIGINT	Signals intelligence		comments field when sources indicate that
AAV	Anti-aircraft vehicle	ELINT	Electronic intelligence	SLCM	Submarine-launched cruise missile		preliminary agreements have been signed,
ABL	Armoured bridge-layer	EU	European Union	SRAAM	Short-range air-to-air missile		but when the final contract has not yet
ACV	Air-cushion vessel (hovercraft)	FAC	Fast attack craft	SSM	Surface-to-surface missile		been signed.
AEV	Armoured engineer vehicle	FGA	Fighter/ground attack	surv	surveillance		'Status uncertain' is used in the comments
AEW	Airborne early-warning	FMF	Foreign Military Funding (US)	UAE	United Arab Emirates		field when sources are contradictory about
AEW&C	Airborne early-warning and control	(G)	Gun-armed	UAV	Unmanned air vehicle (drone)		the (continued) existence of the reported
AFSV	Armoured fire support vehicle	GIA	Groupe Islamique Armé	VIP	Very important person		deal.
AGS	Airborne ground-surveillance	IFV	Infantry fighting vehicle	VTOL	Vertical take-off and landing (aircraft)		'Unknown' is used in cases where it has
ALV	Armoured logistic vehicle	incl	Including/include(s)				not been possible to identify a supplier or
AMV	Anti-mine vehicle	LTTE	Liberation Tigers of Tamil Eelam				recipient with an acceptable degree of
APC	Armoured personnel carrier	(M)	Missile-armed	<b>Conventions</b>			
APC/CP	Armoured personnel carrier/ command post	MCM	Mine countermeasures	..	Data not available or not applicable		'Multiple sellers' is used in cases where
arty	Artillery	MLU	Mid-life update	( )	Uncertain data or SIPRI estimate		the weapon is a co-production of two or
ARV	Armoured recovery vehicle	MP	Maritime patrol	m	million (10 <sup>6</sup> )		more countries and where it has not been
AS	Anti-ship	MRL	Multiple rocket launcher	b	billion (10 <sup>9</sup> )		possible to identify the final supplier; the
ASM	Air-to-surface missile	NBC	Nuclear, biological and chemical				co-producing countries are mentioned in
ASW	Anti-submarine warfare	no.	Number				the comments field and the final supplier
BVRAAM	Beyond visual range air-to-air missile	OPV	Offshore patrol vessel				will be known when actual deliveries will
		Recco	Reconnaissance				take place.
		SAM	Surface-to-air missile				

**Table 13C.2.** Index of suppliers of major conventional weapons, 2002

This index lists recipients and licensees by suppliers of major weapons on order or under delivery, or for which the licence was bought and production was under way or completed during 2002. The types of weapon involved in the transfers can be found by cross-referencing with table 13C.1. 'Unknown' is used where it has not been possible to identify a supplier or recipient with an acceptable degree of certainty.

Supplier	Recipients (R) and licensees (L)
Angola	R: Côte d'Ivoire
Australia	R: Nepal, USA
Austria	R: Egypt
	L: Slovenia, USA
Belarus	R: Angola
Brazil	R: Dominican Republic, Greece, Malaysia, Mexico, USA, Venezuela
Bulgaria	R: Ethiopia
Canada	R: Australia, Brazil, Greece, Mexico, New Zealand, Saudi Arabia, Spain, UK, USA
	L: Australia
Chile	R: Ecuador
China	R: Algeria, Egypt, Iran, Kuwait, Pakistan, Thailand
	L: Egypt, Pakistan
Czech Rep.	R: Algeria, Mexico, Yemen
Denmark	L: Greece, Lithuania
Finland	R: Denmark, Norway, Sweden
	L: Egypt, Poland
France	R: Brazil, Brunei, Chile, China, Finland, Greece, India, Indonesia, Italy, Japan, Jordan, Malaysia, Morocco, Pakistan, Qatar, Romania, Saudi Arabia, Singapore, Slovenia, South Africa, South Korea, Spain, Switzerland, Turkey, UAE
	L: China, India, Japan, Pakistan, Singapore, Turkey, UAE
Germany	R: Australia, Denmark, Egypt, Finland, France, Greece, Israel, Italy, Kuwait, Lithuania, Malaysia, Netherlands, Norway, Poland, Romania, South Africa, Spain, Sweden, Switzerland, Turkey, UAE, UK
	L: Argentina, Australia, Brazil, Greece, India, Indonesia, Italy, Malaysia, Poland, South Korea, Spain, Sweden, Turkey, UK
India	R: Nepal
Indonesia	R: Brunei, Malaysia, Pakistan, South Korea
Israel	R: Australia, Belgium, Brazil, Chile, China, Finland, France, India, Mexico, Netherlands, Poland, Romania, Singapore, Turkey, USA, Venezuela
	L: Poland, USA
Italy	R: Albania, Argentina, Bangladesh, Brazil, Canada, Chile, Croatia, Czech Republic, Greece, Hungary, India, Japan, Malaysia, Namibia, Netherlands, Pakistan, Poland, Saudi Arabia, South Africa, Spain, Sweden, Thailand, Turkey, Venezuela
	L: Australia, Greece, Pakistan

Libya	R: Namibia
Lithuania	R: Poland
Netherlands	R: Argentina, Chile, Finland, Germany, Greece, India, Indonesia, Ireland, Jordan, Norway, Poland, South Africa, South Korea, Turkey, UK, Venezuela
	L: South Korea, UK
North Korea	R: Yemen
Norway	R: Australia, Latvia, Poland, Spain, Turkey, UK, USA
Pakistan	R: Malaysia, Oman
Peru	R: Angola
Poland	R: India, Malaysia, Nepal, Viet Nam, Yemen
Russia	R: Afghanistan, Algeria, Bangladesh, China, Colombia, Czech Republic, Eritrea, Greece, India, Indonesia, Iran, Kazakhstan, Malaysia, Mexico, Myanmar, Nigeria, Pakistan, Slovakia, South Korea, Sudan, Syria, UAE, Uzbekistan, Viet Nam, Yemen
	L: China, India, Iran, North Korea, Poland, Singapore, Viet Nam
Singapore	R: Indonesia
Slovakia	R: India
South Africa	R: Finland, Malaysia, UK
South Korea	R: Indonesia, Turkey
	L: Turkey
Spain	R: Argentina, Brazil, Chile, Colombia, France, Malaysia, Norway, Poland, UAE, USA
	L: Turkey
Sweden	R: Australia, Brazil, Finland, France, Germany, Greece, Hungary, Italy, Mexico, Norway, Pakistan, Poland, South Africa, Spain, UK, USA
	L: Switzerland
Switzerland	R: Ireland, Spain, Sweden, USA, unknown
	L: Canada, USA
Turkey	R: Malaysia
UK	R: Australia, Austria, Bahrain, Brazil, Brunei, Canada, Chile, China, Denmark, Germany, India, Italy, Japan, Jordan, Malaysia, Norway, Oman, Poland, Romania, South Africa, Switzerland, Tanzania, Thailand, UAE, Uruguay
	L: Australia, Greece, India, Poland, Turkey, USA
Ukraine	R: Algeria, China, Greece, India, Iran, Libya, Myanmar, Nepal, UAE
	L: Iran
USA	R: Algeria, Australia, Austria, Bahrain, Belgium, Brazil, Canada, Chile, Colombia, Czech Republic, Denmark, Egypt, Estonia, France, Germany, Greece, Hungary, India, Indonesia, Israel, Italy, Japan, Jordan, Kuwait, Latvia, Lithuania, Luxembourg, Mexico, Netherlands, New Zealand, Norway, Oman, Pakistan, Peru, Philippines, Poland, Portugal, Saudi Arabia, Singapore, South Korea, Spain, Sri Lanka, Sweden, Switzerland, Taiwan, Thailand, Tunisia, Turkey, UAE, UK, Venezuela
	L: Egypt, Germany, Japan, South Korea, Taiwan, Turkey, UK
Uzbekistan	R: India, Russia
Multiple sellers	R: Australia, Finland, Greece, Norway, Poland, Portugal, Sweden
	L: Finland
Unknown	R: Bosnia and Herzegovina, Côte d'Ivoire, Latvia, New Zealand, USA, unknown