

ADB FUNDED WATER SECTOR LOANS WITH DAM COMPONENT

Loan Number	Country	Title	Fund	Amount (\$M)	Date Approved	Year Completion	Subsector	Dam Height (m)	Remarks	Project Serial Number
38	KOR	Andong Dam Multipurpose Development	OCR	0.50	6-Oct-70		W, I, H, F	72.0	1,243 mcm reservoir, TA loan	1
57	SIN	Water Supply	OCR	8.30	23-Dec-70	1975	W, F	20.0	20.5 mcm reservoir	2
67	TAP	Li-Wu Chi Hydroelectric Power Development	OCR	0.50	18-May-71		HP	53 & 40	0.5 & 0.4 mcm-two dams, TA loan	3
77	PHI	Mindanao Power	OCR	23.40	2-Nov-71	1975	HP	32.0	lake reservoir	4
81	INO	Sempor Dam and Irrigation	ADF	9.20	2-Dec-71	1978	I, F	50.5	46.5 mcm reservoir	5
83	INO	West Sumatra Power Supply	ADF	7.10	7-Dec-71	1976	HP	8.0	diversion weir, 0.116 mcm	6
86	KOR	Andong Dam Multipurpose Development* ¹	OCR	22.00	16-Dec-71	1979	W, I, H, F			1
96	PHI	Second Mindanao Power	OCR	21.00	13-Jul-72	1980	H			4
118	SRI	Bowatenna Power	ADF	8.00	19-Dec-72	1981	H, I	30.0	existing dam, hydro-electric eqpt only	7
168	PAK	Mangla Hydropower	ADF	3.90	17-Dec-73	1983	H	138.0	7,280 mcm reservoir	8
169	PAK	Mangla Hydropower	OCR	12.80	17-Dec-73	1983	H			8
190	PHI	Manila Water Supply	OCR	51.30	28-Aug-74	1985	W	30.0	new dam	9
196	PHI	Third Mindanao Power	OCR	1.00	7-Nov-74		HP		TA loan	4
200	PAK	Tarbela Hydropower	ADF	34.00	28-Nov-74	1984	H	143.0	13,692 mcm reservoir	10
201	PAK	Tarbela Hydropower	OCR	13.00	28-Nov-74	1984	H			10
223	PHI	First and Second Mindanao Power (Supplementary)	OCR	22.70	27-May-75	1980	H			4
224	MAL	Tenom Pangli Power	OCR	1.20	17-Jun-75		HP		260 mcm, TA loan	11
237	INO	Garung Hydroelectric	OCR	19.80	13-Nov-75	1987	H	35.0	14 mcm reservoir	12
260	INO	Maninjau Hydropower	OCR	39.70	8-Apr-76	1983	HP	diversion weir 3.0	240 mcm lake	13
262	SIN	Second Water Supply	OCR	23.60	13-Apr-76	1981	W	20.0	28.4 mcm reservoir	14
266	MYA	Third Sedawgyi Multipurpose Dam and Irrigation	ADF	45.90	22-Jun-76	1987	H, I	39.0	379 mcm reservoir	15
291	PHI	Fourth Mindanao Power	OCR	52.00	21-Dec-76	1985	H			4
299	SRI	Canyon Hydropower	ADF	17.50	26-Jul-77	1983	HP		108 mcm existing dam	16
304	THA	Third Power	OCR	47.00	25-Aug-77	1983	HP		existing dam, hydro-electric eqpt only	17
312	AFG	Khanabad Hydropower	ADF	9.00	13-Oct-77		HP	barrage	run-of-river	18
318	PNG	Provincial Mini-Hydropower	OCR	2.70	22-Nov-77	1988	HP	diversion weir	run-of-river	19
326	PHI	Fifth Mindanao Power	OCR	29.00	9-Dec-77	1985	H			4
324	SRI	Kirindi Oya Irrigation and Settlement	ADF	24.00	9-Dec-77	1989	I	25.0	198 mcm reservoir	20
332	PAK	Tarbela Hydropower (Supplementary and Extension)	OCR	38.00	15-Dec-77	1984	H			10
351	PHI	Second Manila Water Supply	OCR	49.00	7-Sep-78	1987	W			9
365	THA	Kud Multipurpose	OCR	1.38	14-Nov-78		H, I	130.0	640 mcm, TA loan	21
372	MAL	Trengganu Hydropower	OCR	45.40	5-Dec-78	1986	H,F	150.0	7,400 mcm reservoir, with 8 saddle dams 45-8m	22
395	MYA	Sedawgyi Hydropower	ADF	14.60	24-Apr-79	1989	H			15

ADB FUNDED WATER SECTOR LOANS WITH DAM COMPONENT

Loan Number	Country	Title	Fund	Amount (\$M)	Date Approved	Year Completion	Subsector	Dam Height (m)	Remarks	Project Serial Number
414	PNG	Upper Warangoi Hydropower	OCR	6.25	27-Sep-79	1983	HP	12.0	diversion weir, run-of-river	23
415	PNG	Upper Warangoi Hydropower	ADF	6.00	27-Sep-79		HP			23
427	PHI	Sixth Mindanao Power	OCR	60.70	27-Nov-79	1987	H	20.0	diversion dam, 67 mcm	24
465	KOR	Samrangjin Pumped Storage Power	OCR	52.63	18-Sep-80	1985	HP	upper = 104 m, lower 62 m	upper = 5.0 mcm, lower = 5.4 mcm reservoir	25
512	NEP	Mini-Hydropower	ADF	8.30	21-Apr-81	1990	H, I	diversion weir	8 mini-hydros, various location	26
518	INO	Wadasintang Multipurpose	OCR	87.70	23-Jun-81	1989	I, H, F, W	125.0	408 mcm reservoir	27
521	MAL	Batang Ai Hydropower	OCR	40.40	17-Sep-81	1986	H	Main dam = 85, saddle dams 26 & 40	750 mcm reservoir	28
522	INO	Bali Irrigation Sector	OCR	33.60	17-Sep-81	1989	I	small weirs	various locations	29
556	THA	Medium Scale Irrigation Package	ADF	15.00	10-Dec-81	1990	I, F	21.0	4.3 mcm reservoir	30
557	THA	Medium Scale Irrigation Package	OCR	25.00	10-Dec-81	1990	I, F			30
601	PAK	Tarbela Hydropower Extension (Units 9 & 10)	OCR	29.00	23-Nov-82		HP			10
605	MAL	Mini-Hydropower Sector	OCR	24.00	25-Nov-82		HP	overflow weir	9 schemes	31
612	SRI	Kirindi Oya Irrigation and Settlement (Supplementary)	ADF	10.00	9-Dec-82	1989	I			20
613	THA	Second Power System Expansion	OCR	81.60	9-Dec-82		HP	135 & 59	HP project in two areas	32
638	INO	Second Irrigation Sector	OCR	75.79	22-Sep-83	1993	I	weir	sector project	33
674	INO	Power XVIII	OCR	135.00	20-Dec-83	1992	H	33.0	21.5 mcm reservoir	34
698	LAO	Xeset Hydropower	ADF	1.00	23-Oct-84		HP	6.0	diversion weir, TA loan	35
701	PAK	Tarbela Hydropower Extension (Units 11 & 12)	OCR	137.20	25-Oct-84	1994	H			10
702	PAK	Tarbela Hydropower Extension (Units 11 & 12)	ADF	31.80	25-Oct-84	1994	H			10
713	MAL	Sungai Piah Hydropower	OCR	64.20	6-Dec-84		HP	3.0	diversion weir	36
750	PAK	Small Dams	ADF	39.00	31-Oct-85	1995	I	15 - 36	12 storage dams in various areas, 1.1-4.1 mcm	37
757	MAL	Perlis Agricultural Development	OCR	43.00	26-Nov-85	1993	I, W	15.0		38
760	PAK	TARBELA Units 13 & 14 and 500kV Transmission	OCR	117.80	28-Nov-85	1994	H			10
794	SRI	Kirindi Oya Irrigation and Settlement (Phase II)	ADF	26.60	30-Oct-86	1995	I			20
813	SAM	Afulilo Hydroelectric	ADF	5.40	4-Dec-86	1994	H	20.0	10 mcm reservoir	39
846	LAO	Xeset Hydropower	ADF	15.50	27-Oct-87	1993	HP	10 m & 12 m	diversion weir & supplementary left bank dam, 0.3 mcm	35
952	INO	Nusa Tenggara Agricultural Development	ADF	25.00	7-Feb-89	1995	I, H	34.0	21 mcm reservoir	40
953	INO	Nusa Tenggara Agricultural Development	OCR	84.53	7-Feb-89	1995	I, H			40
962	PNG	Divune Hydropower Project	OCR	8.43	6-Jul-89		HP		run-of-river	41

ADB FUNDED WATER SECTOR LOANS WITH DAM COMPONENT

Loan Number	Country	Title	Fund	Amount (\$M)	Date Approved	Year Completion	Subsector	Dam Height (m)	Remarks	Project Serial Number
986	PHI	Angat Water Supply Optimization	OCR	130.00	14-Nov-89	1999	WSS			9
1032	INO	Power XX	OCR	235.00	25-Sep-90	1998	HP	4 m water level range	regulating weir on lake outlet, 450 mcm	42
1063	LAO	Xeset Hydropower (Supplementary)	ADF	3.00	11-Dec-90		HP			35
1101	PAK	Kotri Barrage Rehabilitation	ADF	20.00	26-Sep-91	1999	I, W, F	6.5	barrage gate rehabilitation	43
1128	SRI	Southern Province Rural Development	ADF	38.00	26-Nov-91	2000	I		diversion weir, tank bunds various locations	44
1166	SRI	North Western Province Water Resources Development	ADF	30.00	25-Jun-92	2000	I		rehabilitation tank bunds, various loactions	45
1214	LAO	Nam Song Hydropower Development	ADF	31.50	21-Dec-92	1997	H	21.0	diversion weir	46
1228	SAM	Afulilo Hydroelectric Power (Supplementary)	ADF	2.00	22-Apr-93	1994	H			39
1242	PRC	Guangzhou Pumped Storage Stage II	OCR	200.00	3-Aug-93		HP	upper = 68 m, lower 43.5 m	upper = 24 mcm, lower = 24.5 mcm reservoir	47
1271	INO	Power XXIII	OCR	275.00	25-Nov-93		HP	25.0	diversion dam	48
1318	PRC	Hunan Lingjintan Hydropower	OCR	116.00	27-Sep-94	2001	H, N	53.5	reregulating dam	49
1329	LAO	Theun-Hinboun Hydropower	ADF	60.00	8-Nov-94	1998	H, F	25.0	20mcm reservoir	50
1386	PRC	Fujian Soil Conservation and Rural Development	OCR	65.00	28-Sep-95	2002	H, W	44.7	7 dams, 3 < 15m, 4 > 15 m	51
1417	PRC	Fujian Mianhuatan Hydropower	OCR	170.00	14-Dec-95	2002	H, F, N	111.0	1,122 mcm	52
1424	PAK	Ghazi Barotha Hydropower	OCR	300.00	16-Jan-96	2004	HP		Gated barrage - height not specified, >15m, small headponds allow re-regualtion of peak Tarbela flows	53
1452	NEP	Kali Gandaki "A" Hydroelectric Power	ADF	160.00	23-Jul-96	2004	H	44.0	3.1 mcm reservoir	54
1456	LAO	Nam Leuk Hydropower	ADF	52.00	10-Sep-96	2003	H	45.0	185 mcm reservoir	55
1462	SRI	North Central Province Rural Development	ADF	20.03	24-Sep-96		Irrigation		No new dam construction - existing tank rehabilitation	56
1544	PRC	Zhejiang-Shanxi Water Supply Project (Phase I)	OCR	100.00	24-Sep-97	2003	W, I, H, F	130m & 16m	storage dam & diversion dam	57
1668	PHI	Southern Philippines Irrigation Sector	OCR	60.00	18-Dec-98	2006	I		Small reservoir projects - height not specified	58
1757	SRI	Water Resource Management	ADF	30.00	19-Sep-00	2005	W		Barrage with adjustable crest to manage water levels. Height not specified.	59
1814	PRC	West Henan Agricultural Dev	OCR	64.30	19-Dec-00	2006	W, I	45.0	24.6 mcm reservoir	60

ADB FUNDED WATER SECTOR LOANS WITH DAM COMPONENT

Loan Number	Country	Title	Fund	Amount (\$M)	Date Approved	Year Completion	Subsector	Dam Height (m)	Remarks	Project Serial Number
1922	PRC	Hebei Zhanghewan Pumped	OCR	144.00	18-Oct-02	2009	H	Raise lower dam from 54 to 77m		61
1995	PRC	Harbin Water Supply	OCR	100.00	11-Mar-03	2007	W	45.0	356 mcm reservoir	62
2025	VIE	Phuoc Hoa Multipurpose Wa	ADF	90.00	27-Nov-03	2011	I, W	28.0	18.5 mcm reservoir	63
2032	PRC	Gansu Clean Energy Develop	OCR	35.00	5-Dec-03	2008	H	18.0		64
2161/2162	LAO	GMS Nam-Theun II Hydropower Development	OCR ^{*2}	120.00	4-Apr-05	2009	H	48.0	3530 mcm reservoir	65

Note:

- 1 Data as of 31 August 2005.
- 2 Dam details based on Report and Recommendation of the President (RRP) and/or Project Completion Report
- 3 List is not exhaustive, for some sector projects dam component will only be known during design and implementation
- *1 entries in blue represent follow-on investments for earlier loans
- *2 comprises of \$20 million public sector loan, \$50M direct loan to the project company, and political risk guarantee

Legend:

- H Hydroelectric power
- I Irrigation
- W Water supply
- F Flood control
- N Navigation

LARGE DAM PROJECTS SINCE 1994

COMPLETED PROJECTS

Loan Number	Country	Title	Amount (\$M)	Date Approved	Status/Date Loan Closure	Sector	Project Benefits at Design	Type and Height of Dam	Components financed by ADB
1318	PRC	Hunan Lingjintan Hydropower	116.00	27-Sep-94	close 8 Nov 2001	HP	240 MW capacity 1173 GWh annual generation	Reregulating Dam 53.5m	About 90% of the foreign exchange cost
1329	LAO	Theun-Hinboun Hydropower	60.00	8-Nov-94	close 14 Oct 98	HP	210 MW	Dam 25m, 20mcm reservoir	Main civil works and portion of hydraulic steel works
1386	PRC	Fujian Soil Conservation and Rural Development	65.00	28-Sep-95	close 30 Jun 2002	Multi	9,800 ha orchards, 4000 ha forestry, 340 ha fishponds,	Four small storage dams, 1 to 4 MW, 81 GWh, reservoirs of 1.4 to 5 mcm	Soil conservation, aquaculture, agricultural marketing infrastructure, small scale hydropower
1417	PRC	Fujian Mianhuatan Hydropower	170.00	14-Dec-95	close / 15 Oct 2002	HP	600 Mw capacity 1510 GWh annual generation, secondary flood mgmt.	Dam 111m, 1122mcm reservoir	Dam, underground power station, transmission lines
1424	PAK	Ghazi Barotha Hydropower	300.00	16-Jan-96	close / 20 Jan 2004	HP	1450MW capacity 6600 GWh annual generation	Gated barrage - height not specified, >15m, small headponds allow re-regulation of peak Tarbela flows	Barrage, 52km power channel, power station

1452	NEP	Kali Gandaki "A" Hydroelectric Power	160.00	23-Jul-96	close / 28 Apr 2004	HP	144MW capacity, 842 GWh annual generation	Dam 44m reservoir of 3.1 mcm	Dam, power station, transmission lines
1456	LAO	Nam Leuk Hydropower	52.00	10-Sep-96	close / 13 Mar 2003	HP	60MW capacity 215GWh annual generation plus additional 30GWh at Nam Ngum	Dam 45m reservoir of 185 mcm	Dam, power station, diversion weir, transmission lines
1462	SRI	North Central Province Rural Development	20.03	24-Sep-96	Ongoing 31 Dec 2004	Irrigation	Improved agricultural productivity on 5000ha and higher rural incomes for 43,000 households	No new dam construction - existing tank rehabilitation	Rehabilitation of existing tanks covering approx 5,000 ha - 50 medium an 130 minor tanks, fisheries devt and credit
1544	PRC	Zhejiang-Shanxi Water Supply Project (Phase I)	100.000	24-Sep-97	close /10 Jul 2003	WSS, flood mgmt. and irrigation	1.8 mcm per day good quality raw water, improve flood protection for 250,000 people, irrigation for 60,000 ha and 220MW generating capacity	(i) 130m storage dam with ??mcm reservoir (ii) 16m diversion dam	Dams, power station, transmission lines, conveyance channels
1668	PHI	Southern Philippines Irrigation Sector	60.000	18-Dec-98	Ongoing	Irrigation	Irrigation and drainage for 18,000ha benefiting 10,000 households	Small reservoir projects - height not specified	Irrigation infrastructure

Co-financiers	Resettlement	Enhancement or restoration	Indigenous Peoples	Instream / offstream	Inter-basin diversion?	Extent of consumptive use	PCR No. and date	PPAR No. and date
Hunan Provincial Government & State Development Bank	2,937 people	Restoration / construction opportunities	No	Instream - reregulating station for the Wuqiangxi hydropower plant located immediately upstream	No	None	IN.280-03 19 Nov 03	
Commercial banks, export credit	No resettlement	Restoration / new school facilities	Tai/Lao ethnic category.	Instream dam - offstream basin diversion waterways to powerhouse	Yes - from Nam Theun basin to Nam Hinboun basin	None	IN.322-00 14 Dec 00	IN.335-02 24 Dec 02
Local Govt., Domestic Banks, Beneficiary enterprises	77 families	Compensation	No	Instream	No	Yes, for 1,020 ha cropland	PRC 26004 Sep 03	
Provincial Electric Bureau, State Development Bank, Construction Bank, Development Companies, Provincial Govt	36,000 people	Income retoration, better housing.	No	Part of cascade	No	None		
World Bank, OECF, KfW, EIB, IsDB, Govt.	130 families	Compensation plus support through Inetgrated Regional Development Plan	No	Instream -Re-regulating hydropower downstream of existing Tarbela project	No - diversion of 1600 cumecs through 52 km tunnel back to river downstream	None		

OECF, Nepal Electricity Authority	125 families	Compensation	No	Instream	No - diversion through power tunnel back to river 50km downstream	None	NEP 26362 Apr 2004	
OECF, Electricity of Laos	None	Project affected people will receive social and economic benefits	Yes, but not to be resettled	Instream	Yes - from Nam Leuk into nam Xan and from Nam Pun to Nam Leuk	None	LAO-29163 Feb 02	
Govt. and local credit instituitons	None	n/a	No	n/a	No	Increase existing stroage capacity		
Local financial, development and investment companies	37,000 people	Compenstaion	No	Instream	Diversion to cosatal towns for water supply	Irrigation - for 60,000ha Water supply - approx one third of average flows for smaller diversion dam.	PRC 28207 Aug 04	
National and Local Govt. and beneficiaries	30 families in sample subproject. Total to be determined.	Compenstaion	Yes	Not specified	Not specified	Not specified, irrigation water for 18,000ha		

**PROPOSED PROJECTS
UNDER IMPLEMENTATION**

Loan Number	Country	Title	Amount (\$M)	Date Approved	Status/Date Loan Closure	Sector	Project Benefits at Design	Type and Height of Dam	Components financed by ADB	Co-financiers	Resettlement	Enhancement or restoration	Indigenous Peoples	Instream / offstream?	Inter-basin diversion ?	Extent of consumptive use
ONGOING																
1757	SRI	Water Resource Management	30.00	19-Sep-00	Ongoing	WS	Improved water supply to 330,000 people. Sustainable management of water resources	Barrage with adjustable crest to manage water levels. Height not specified.	Institutional development, barrage and water supply infrastructure	Government	None	n/a	No	Instream	No	For water supply
1814	PRC	West Henan Agricultural Development Project	64.30	19-Dec-00	Ongoing	WS/I	900,000 people from pro poor economic growth opportunities	Dam - 45m 24.6 mcm resr.	All forex cost of dams, treatment plant and transmission pipes	Government, local enterprises and households	1,603 people	Restoration / housing improved	No	Instream	No	83mcm/yr <4% min flow
1922	PRC	Hebei Zhanghewan Pumped Storage Project	144.00	18-Oct-02	Ongoing	HP I/WS	1000MW capacity avoided emissions	Raise lower dam from 54 to 77m New top dam ht, ??	Dam and forex of generating and transmission equipment	Hebei Electric Power Corp., Construction Corp, Local Govt, China Development Bank, Agric. Bank of China	3,254 people	Restoration	No	Lower-instream Upper-offstream	No	for 6,700 ha irrig. WS 2.4 mcm/yr
1995	PRC	Harbin Water Supply	100.00	11-Mar-03	Ongoing	WS	Improved water supply to 3 million people and poverty intervention program for 325,000	Dam 45m 356 mcm resr.	all forex cost - treatment plant & pipeline	domestic banks	6,022 people	Restoration	Minimal	Instream	No	450 tcm/day 2007 450 tcm/day 2019
2025	VIE	Phuoc Hoa Multipurpose Water Resources	90.00	27-Nov-03	Ongoing	I/WS	Improved production from 48,130 ha covering 30,200 households, salinity control for water supply to municipal areas	Dam - 28m 18.5 mcm resr.	all forex + abt 42% local cost for dams and canals	AFD	11,138 people + 1,009 households loss of ag land	Restoration	2% of population	Instream	Yes - 65 cumecs capacity from Be river to Saigon & Vam Co Dong Basin	48,130 ha irrig WS transfer

2032	PRC	Gansu Clean Energy Development	35.00	5-Dec-03	Ongoing	HP	98MW capacity, 351 GWh annual generation, avoided emissions	Dam - 18m run of river	all forex cost - dam civil works & powerplant	domestic development companies and power bureau	17 people	Restoration / construction opportunities	Minor	Instream	No	None
2162	LAO	GMS Nam-Theun II Hydropower Development	120.00	4-Apr-05	Ongoing	HP	1070MW capacity - forex earnings from power sales to Thailand	Dam - 48m 3530 mcm resr.	Dam, power station and transmission lines	Electricity of France Consortium, World Bank, EIB, ADF, NDB, Commercial Banks, Export Credit Agencies,	1050 families to resettle 5000 people restricted access to resources	Restoration and benefit sharing, improved housing	Yes	Instream	Yes - approx 220 cumecs from Nam Theun to Xe Bang Fai Basin	None

PIPELINE

Loan Number	Country	Title	Amount (\$M)	Date Approved	Status/Date Loan Closure	Sector	Project Benefits at Design	Type and Height of Dam	Components financed by ADB	Co-financiers	Resettlement	Enhancement or restoration	Indigenous Peoples	Instream / offstream?	Inter-basin diversion ?	Extent of consumptive use
	IND	Uttaranchal Power sector development	300	2005	firm medium**	HP	3 to 25 MW small scale per facility	run-of-the-river								
	PRC	Rural Electrification Development Project (formerly Renewable Energy in Rural Areas)	100	2006	standby	HP	25 MW for each province	run-of-the-river								
	PRC	Guiyang Integrated Water Resources Management	150	2006	firm medium	WS		20 small & 1 medium reservoir								
	SAM	Savaii Renewable Energy	10	2006	firm high	HP		Sili River Basin								
	NEP	Rural Electrification and Renewable Energy	40	2006	firm medium	HP										
	AFG	Hydropower and Transmission Project	100	2007	firm high											
	IND	Kerala Power Sector Development Project	200	2007	standby											
	VIE	Song Bung 4 Hydropower Project	180	2007	PPTA studies	HP	165 MW capacity	Dam - 120m 621 mcm resr.	Dam, power station and transmission lines		1000 people approx.	Enhancement of indigenous communities	Yes	Instream	No, power diversion approx 4km downstream	None
Tentative depending on outcome of feasibility study	PHI	MWSS - New Water Source Development			TA Loan studies ongoing.	WS		New dam or upgrading existing								

** Pipeline list based on PPIS as of 26 August 2005

Dam details based on Report and Recommendation of the President (RRP) and/or Project Completion Report (PCR)

Processing Schedule

PCR No. and date	PPAR No. and date	PPTA No.	Date Loan FF	Date Loan Appraisal	EIA circulation and hyperlink	Date Loan Approval	Date Loan Effective
		3030	17 Jan - 4 Feb 2000	29 Mar - 7 Apr 2000	NR	19-Sep-00	22-Oct-01
		2042	19 - 27 Jan 1999	23 Apr - 11 May 2000	4-Nov-98	19-Dec-00	10-Jul-01
		2477	25 Feb - 12 Mar 2002	NR	23-Apr-02	18-Oct-02	16-Jan-04
		3571	14 - 29 Jun 2002	18 - 29 Sep 2002	29-Jul-02	11-Mar-03	7-Jan-04
		2775	22 Apr - 10 May 2002	29 Oct - 4 Nov 2002	8-May-03	27-Nov-03	23-Aug-04

		3730	15 - 24 Jan 2003	NR	30-Apr-03	5-Dec-03	4-Aug-04
		4323	1-30 Jan 2004	31 Jan - 12 Feb 2004	29-Nov-04	4-Apr-05	30-May-05