

## PROJECT LIST

No.	Region	Code No.	Country	Name of the Study	Type	Fiscal Year	Sector / Subsector	Status	Page
						Completed			
490	Middle East	IRQ/S 101	Iraq	Vocational Training Center Project Study in Bagdad and Mosul 職業訓練センター設立計画	M/P	1984	Social Infrastructures / Architecture & Housing	Discontinued	490
491	Middle East	IRQ/S 102	Iraq	Bagdad City Urban Transport Improvement バグダッド都市交通改善計画	M/P	1987	Transportation / Urban Transportaion	Delayed	491
492	Middle East	JOR/A 301	Jordan	Wadi Arab Dam and Irrigation Project ワディアラブダムかんがい計画	F/S	1976	Agriculture / (Agriculture in)General	Completed	492
493	Middle East	JOR/S 101	Jordan	Integrated Region Development of Northern Jordan 北部地域総合開発計画	M/P	1979	Development Plan / Integrated Regional Development Plan	In Progress or In use	493
494	Middle East	JOR/S 301	Jordan	Ring Roads Construction Project in Irbid City イルビット市環状道路計画	F/S	1982	Transportation / Road	Implementing	494
495	Middle East	JOR/S 102	Jordan	Integrated Regional Development Master Plan for the Karak-Tafila Development Region カラク地域総合開発計画	M/P	1987	Development Plan / Integrated Regional Development Plan	In Progress or In use	495
496	Middle East	JOR/S 501	Jordan	Hydrogeological and Water Use Study of the Mujib Water Shed ムジブ水系水利用計画	Basic Study	1987	Social Infrastructures / Water Resource Development	In Progress or In use	496
497	Middle East	JOR/S 502	Jordan	Water Resources of the Jafr Basin エル・ジャファル水系地下水開発計画	Basic Study	1989	Social Infrastructures / Water Resource Development	In Progress or In use	497
498	Middle East	JOR/A 302	Jordan	Agricultural Development for the Karak-Tafila Development Region カラク地域農業開発計画	F/S	1990	Agriculture / (Agriculture in)General	Promoting	498
499	Middle East	MAR/S 301	Morocco	Nador Airport Construction Project ナドール新空港建設計画	F/S	1984	Transportation / Air Transportaion & Airport	Promoting	499
500	Middle East	MAR/A 301	Morocco	Projet d'exploitation des eaux souterraines en vue de developpement rural dans la province d'Oujda ウジュダ州地下水/農村開発計画	F/S	1986	Agriculture / (Agriculture in)General	Implementing	500
501	Middle East	MAR/S 302	Morocco	Project d'un system de transport urbain de type metro-aerien a Casablanca カサブランカ新高架交通システム建設計画	F/S	1987	Transportation / Railway	Delayed or Suspended	501
502	Middle East	MAR/S 201B	Morocco	Rheris River Basin Small and Medium Scale Dam Construction Project レリス盆地ダム建設計画	M/P+F/S	1989	Social Infrastructures / River & Erosion Control	Implementing	502
503	Middle East	MAR/S 501	Morocco	Topographic Mapping 国土基本図作成	Basic Study	1990	Social Infrastructures / Survey & Mapping	In Progress or In use	503
504	Middle East	MAR/A 101	Morocco	Project de developpement hydro-agricole du bassin versant de l'Ouergha ウェルガ川流域農業開発計画	M/P	1992	Agriculture / Irrigation, Drainage & Reclamation	In Progress or In use	504
505	Middle East	OMN/A 301	Oman	Wadi Jizzi Agricultural Development Project ワジ・ジジ農業開発計画	F/S	1982	Agriculture / (Agriculture in)General	Partially Completed	505
506	Middle East	OMN/S 501	Oman	Hydrologic Observation Project in the Batinah Coast バチナコスト地区水文観測計画	Basic Study	1985	Social Infrastructures / Water Resource Development	In Progress or In use	506
507	Middle East	OMN/A 401	Oman	Wadi Jizzi Agricultural Development Project ワジ・ジジ農業開発計画	D/D	1986	Agriculture / Irrigation, Drainage & Reclamation	Completed	507
508	Middle East	OMN/A 101	Oman	Agriculture Development Project in the Nejd Region ネジド地方農業開発計画	M/P	1989	Agriculture / (Agriculture in)General	In Progress or In use	508

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509	Middle East	OMN/S 101	Oman	Port Development for Northern Oman 北部地域港湾整備計画	M/P	1990	Transportation / Port	In Progress or In use	509
510	Middle East	OMN/A 102	Oman	A Master Plan for Agricultural Development 農業開発基本計画	M/P	1990	Agriculture / (Agriculture in)General	In Progress or In use	510
511	Middle East	QAT/S 301	Qatar	Drainage Improvement Plan : Doha City ドーハ市地下水排水対策	F/S	1986	Public Utilities / Sewerage	Implementing	511
512	Middle East	SAU/S 601	Saudi Arabia	General Hospital : Establishment Project 総合病院設立計画基本設計	Other	1983	Social Infrastructures / Architecture & Housing	Discontinued	512
513	Middle East	SAU/S 602	Saudi Arabia	National Cancer Center : Establishment Project 国立がんセンター設立計画基本設計	Other	1983	Social Infrastructures / Architecture & Housing	Discontinued	513
514	Middle East	SDN/S 301	Sudan	Road Project el Obeid-Um Ruaba 道路建設計画	F/S	1977	Transportation / Road	Discontinued or Cancelled	514
515	Middle East	SDN/A 301	Sudan	Rice Development Project in Abu Gasaba Basin アブ・ガサバ地区農業開発計画	F/S	1979	Agriculture / (Agriculture in)General	Completed	515
516	Middle East	SDN/S 302	Sudan	Construction of the New White Nile Bridge 新白ナイル橋建設計画	F/S	1989	Transportation / Road	Delayed or Suspended	516
517	Middle East	SDN/A 302	Sudan	Hurga and Nur El Din Pump Scheme Rehabilitation Project フルガ・ヌルエルディンポンプ灌漑計画	F/S	1991	Agriculture / Irrigation, Drainage & Reclamation	Delayed or Suspended	517
518	Middle East	TUN/S 501	Tunisia	Project de cartographie topographique 地図作成事業	Basic Study	1987	Social Infrastructures / Survey & Mapping	In Progress or In use	518
519	Middle East	TUN/S 301	Tunisia	Construction of the Radest - La Goulette Connection Facility ラデス・グーレット橋建設計画	F/S	1990	Transportation / Road	Promoting	519
520	Middle East	TUN/A 101	Tunisia	Forest Management in the Mejerdanet Basin メジュールグ川流域森林管理計画	M/P	1991	Forestry / Forestry & Forest Conservation	In Progress or In use	520
521	Middle East	TUR/S 101	Turkey	Ankara Air Pollution Control Project アンカラ市大気汚染対策計画	M/P	1985	Administration / Environmental Problems	Discontinued	521
522	Middle East	TUR/A 301	Turkey	Adatepe Irrigation Project アダテペ灌漑開発計画	F/S	1989	Agriculture / (Agriculture in)General	Promoting	522
523	Middle East	TUR/S 201B	Turkey	Development Project of Filyos Port フィリオス港建設計画	M/P+F/S	1990	Transportation / Port	Promoting	523
524	Middle East	ARE/S 301	United Arab Emirates	Wadi al Bassierah Basin Water Resources Development Project 水資源開発計画	F/S	1981	Social Infrastructures / Water Resource Development	Promoting	524
525	Middle East	ARE/S 401	United Arab Emirates	Al Bassierah Dam Project アル・バセイラダム建設計画実施設計	D/D	1981	Social Infrastructures / Water Resource Development	Promoting	525
526	Middle East	ARE/A 401	United Arab Emirates	Mariculture Center 水産増養殖センター建設計画	D/D	1985	Fisheries / Fisheries	Completed	526

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527	Middle East	YEM/A 101	Yemen	Hajjah Province Integrated Rural Development ハッジヤ州農業総合開発計画	M/P	1980		Agriculture / (Agriculture in)General	In Progress or In use	527
528	Middle East	YEM/S 303	Yemen	Rural Water Supply Project Part 2 地方水道計画 (パート2)	F/S	1980		Public Utilities / Water Supply	Completed	528
529	Middle East	YEM/S 301	Yemen	7th Berth Construction Project of the Port of Hodeidah ホデイダ港第7バース建設計画	F/S	1981		Transportation / Port	Completed	529
530	Middle East	YEM/S 302	Yemen	Rural Telecommunications Network 地方電気通信網整備計画	F/S	1984		Communications & Broadcasting /	Completed	530
531	Middle East	YEM/S 101	Yemen	Urban Transport Study 都市交通計画	M/P	1988		Transportation / Urban Transportation	In Progress or In use	531
532	Middle East	YEM/S 201B	Yemen	Improvement of Ma'alla and Tawahi Sewerage System in Aden アデン市マーラ地区・タワヒ地区下水道施設改善計画	M/P+F/S	1989		Public Utilities / Sewerage	Delayed or Suspended	532
533	Africa	CMR/A 301	Cameroon	Baigom Agricultural development Project バイゴム農業開発計画	F/S	1986		Agriculture / (Agriculture in)General	Promoting	533
534	Africa	ETH/S 501	Ethiopia	Urgent Groundwater Development Project 生活用水供給 (地下水開発) 緊急計画	Basic Study	1985		Social Infrastructures / Water Resource Development	In Progress or In use	534
535	Africa	GAB/A 601	Gabon	Fisheries Resources Survey 水産資源沿岸調査	Other	1979		Fisheries / Fisheries	Discontinued	535
536	Africa	GHA/A 301	Ghana	Aveyime Sugar Production Project in Accra Plains アクラ平原アベメ砂糖生産プロジェクト	F/S	1976		Agriculture / (Agriculture in)General	Discontinued or Cancelled	536
537	Africa	GIN/A 301	Guinea	Projet de developpement agricole a Kankan カンカン地区農業開発計画	F/S	1980		Agriculture / (Agriculture in)General	Discontinued or Cancelled	537
538	Africa	GIN/S 301	Guinea	Fleet Expansion Project 船舶増強計画	F/S	1981		Transportation / Marine Transportation & Ships	Promoting	538
539	Africa	GIN/S 501	Guinea	Projet Cartographique 地形図作成事業	Basic Study	1982		Social Infrastructures / Survey & Mapping	In Progress or In use	539
540	Africa	CIV/A 301	Ivory Coast	Hydro-agricultural Development Project in the Valley of Bou ブ川流域農業開発計画	F/S	1991		Agriculture / (Agriculture in)General	Promoting	540
541	Africa	KEN/S 301	Kenya	Water Supply Augmentation Project of Mombasa - Coastal Area - Hinterland モンバサ地区給水増強計画	F/S	1981		Public Utilities / Water Supply	Promoting	541
542	Africa	KEN/A 301	Kenya	Grain Silos Construction Project 穀物貯蔵倉庫建設計画	F/S	1981		Agriculture / (Agriculture in)General	Completed	542
543	Africa	KEN/S 501	Kenya	Land Use Mapping (Topographic Mapping Project) in East Kenya 東部地区地図作成事業	Basic Study	1983		Social Infrastructures / Survey & Mapping	In Progress or In use	543
544	Africa	KEN/S 101	Kenya	National Transport Plan 全国総合交通計画	M/P	1984		Transportation / (Transportation in)General	In Progress or In use	544
545	Africa	KEN/S 302	Kenya	Kilifi Bridge Construction Project キリフィ橋建設計画	F/S	1984		Transportation / Road	Completed	545
546	Africa	KEN/S 303	Kenya	Likoni Crossing Construction Project リコニクロッシング建設計画	F/S	1984		Transportation / Road	Discontinued or Cancelled	546

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547	Africa	KEN/S 102	Kenya	Integrated Regional Development Master Plan for the Lake Basin Development Area ヴィクトリア湖周辺地域総合開発計画	M/P	1987	Development Plan / Integrated Regional Development Plan	In Progress or In use	547
548	Africa	KEN/S 304	Kenya	Nairobi Bypass Construction Project ナイロビバイパス建設計画	F/S	1987	Transportation / Road	Processing	548
549	Africa	KEN/A 302	Kenya	Mwea Irrigation Development Project ムエア地区灌漑開発計画	F/S	1987	Agriculture / (Agriculture in)General	Partially Completed	549
550	Africa	KEN/S 305	Kenya	Construction of Dam in Malewa River System for Greater Nakuru Water Supply Project マレワダム建設計画	F/S	1990	Public Utilities / Water Supply	Discontinued or Cancelled	550
551	Africa	KEN/S 502	Kenya	Topographic Mapping of South Kenya 南部地区国土基本図作成	Basic Study	1990	Social Infrastructures / Survey & Mapping	In Progress or In use	551
552	Africa	KEN/A 303	Kenya	Kano Plain Irrigation Project カノー平野かんがい開発計画	F/S	1991	Agriculture / (Agriculture in)General	Promoting	552
553	Africa	KEN/S 103	Kenya	The National Water Master Plan 全国水資源開発計画	M/P	1992	Social Infrastructures / Water Resource Development	In Progress or In use	553
554	Africa	KEN/S 401	Kenya	Nairobi Bypass Project ナイロビバイパス建設計画	D/D	1992	Transportation / Road	Processing	554
555	Africa	LBR/S 301	Liberia	Gbarnga - Kolahun - Mendikoma Highway Project バンガーコラフン-メンディコマ 道路建設計画	F/S	1980	Transportation / Road	Completed	555
556	Africa	MDG/S 301	Madagascar	Southern Microwave System in Madagascar マイクロ回線建設計画	F/S	1978	Communications & Broadcasting /	Completed	556
557	Africa	MDG/S 302	Madagascar	Improvement of National Highway No.5 国道5号線改良計画	F/S	1979	Transportation / Road	Discontinued or Cancelled	557
558	Africa	MDG/S 303	Madagascar	Groundwater Development in Southwestern Area 南西部地下水開発計画	F/S	1991	Public Utilities / Water Supply	Implementing	558
559	Africa	MLI/A 301	Mali	Projet de developpement du perimentre de Baguineda バギンダ地区農業開発計画	F/S	1981	Agriculture / (Agriculture in)General	Completed	559
560	Africa	MLI/S 501	Mali	La mise en valeur des eaux sou terraines dans la 7 eme region economique 地下水開発計画	Basic Study	1982	Social Infrastructures / Water Resource Development	In Progress or In use	560
561	Africa	MLI/A 302	Mali	Baguineda Agricultural Development Project(Updating Study) バギンダ地区農業開発計画実施補完調査	F/S	1985	Agriculture / (Agriculture in)General	Completed	561
562	Africa	MLI/A 303	Mali	Kala Upstream Agricultural Development Project カラ上流域農業開発計画	F/S	1990	Agriculture / (Agriculture in)General	Delayed or Suspended	562
563	Africa	MUS/S 301	Mauritius	Beau Bassin-Port Louis Link Road 道路建設計画	F/S	1978	Transportation / Road	Discontinued or Cancelled	563
564	Africa	MUS/S 401	Mauritius	Beau Bassin-Port Louis Link Road 道路建設計画 (ボーパッサン-ポートルイス・リンクロード)	D/D	1980	Transportation / Road	Discontinued or Cancelled	564
565	Africa	MUS/S 302	Mauritius	Port Louis City Water Supply Project ポートルイス市水供給計画	F/S	1989	Public Utilities / Water Supply	Promoting	565

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566	Africa	MUS/S 303	Mauritius	Landslide Protection Project in Port Louis ポートルイス市地すべり対策計画	F/S	1990	Social Infrastructures / River & Erosion Control	Promoting	566
567	Africa	MUS/S 402	Mauritius	Port Louis Water Supply Project ポートルイス市水供給計画	D/D	1991	Public Utilities / Water Supply	Delayed or Suspended	567
568	Africa	NER/S 601	Niger	Plan de consolidation et d'aménagement de la capacité de transport 輸送力整備増強計画	Other	1977	Transportation / (Transportation in)General	In Progress or In use	568
569	Africa	NER/A 301	Niger	Amenagement hydro-agricole de la cuvette de Kourani-Baria クラニ・バリア灌漑農業開発計画	F/S	1983	Agriculture / (Agriculture in)General	Completed	569
570	Africa	NER/A 101	Niger	Rehabilitation of Ouallam Area ウアラム農村復興計画	M/P	1989	Agriculture / (Agriculture in)General	In Progress or In use	570
571	Africa	NER/A 302	Niger	Projet d'aménagement hydroagricole de la cuvette d'Ouna-Kouanza ウナ・クワンザ農業水利整備計画	F/S	1989	Agriculture / (Agriculture in)General	Promoting	571
572	Africa	NGA/A 301	Nigeria	Agricultural Development Projects in Imo and Bendel States イモ州およびベンデル州農業開発計画	F/S	1977	Agriculture / (Agriculture in)General	Delayed or Suspended	572
573	Africa	NGA/S 101	Nigeria	New Ocean Terminal Project 新港建設計画	M/P	1981	Transportation / Port	Delayed	573
574	Africa	NGA/S 201B	Nigeria	Groundwater Development in Sokoto State 北部地下水開発計画	M/P+F/S	1990	Social Infrastructures / Water Resource Development	Implementing	574
575	Africa	RWA/S 101	Rwanda	Rural Water Supply Project in the Eastern Region 東部生活用水開発計画	M/P	1985	Public Utilities / Water Supply	In Progress or In use	575
576	Africa	RWA/S 301	Rwanda	Rural Water Supply Project in the Eastern Region (Phase 3) 東部生活用水開発計画 (Phase 3)	F/S	1991	Social Infrastructures / Water Resource Development	Delayed or Suspended	576
577	Africa	SEN/S 501	Senegal	L'operation de dressage de la carte photographique au moyen de la projection orthographique pour le projet de construction de la ligne de chemin de Ferme ファレメ鉄道建設計画に関する写真図作成	Basic Study	1978	Transportation / Railway	In Progress or In use	577
578	Africa	SEN/S 301	Senegal	Fleet Expansion Program 船舶増強計画	F/S	1980	Transportation / Marine Transportation & Ships	Discontinued or Cancelled	578
579	Africa	SEN/A 301	Senegal	Projet de developpement rural de petite envergure et de l'etude experimentale du developpement agricole(Thiago-Guiers) 小規模農村開発計画	F/S	1986	Agriculture / (Agriculture in)General	Completed	579
580	Africa	SEN/A 501	Senegal	Agricultural Verification Study 農業実証調査	Basic Study	1990	Agriculture / (Agriculture in)General	In Progress or In use	580
581	Africa	SEN/S 502	Senegal	Mapping Project in Western Senegal 西部地域地形図作成	Basic Study	1991	Social Infrastructures / Survey & Mapping	In Progress or In use	581
582	Africa	SLE/S 301	Sierra Leone	Mekeni-Kamakwie Road Project 道路建設計画	F/S	1980	Transportation / Road	Partially Completed	582
583	Africa	SLE/A 301	Sierra Leone	Rhombe Swamp Agricultural Development Project ロンベ沼沢地農業開発計画	F/S	1983	Agriculture / (Agriculture in)General	Delayed or Suspended	583

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584	Africa	SWZ/S 301	Swaziland	New International Airport Construction Project 新国際空港建設計画	F/S	1980	Transportation / Air Transportation & Airport	Discontinued or Cancelled	584
585	Africa	TZA/S 101	Tanzania	Natural Soda Development in Lake Natron and Related Transportation Facilities ナトロン湖天然ソーダ灰開発計画及び関連輸送施設調査	M/P	1976	Transportation / (Transportation in)General	Discontinued	585
586	Africa	TZA/S 102	Tanzania	Kilimanjaro Region Integrated Development Plan キリマンジャロ地域総合開発計画	M/P	1977	Development Plan / Integrated Regional Development Plan	In Progress or In use	586
587	Africa	TZA/S 301	Tanzania	Southern Coastal Link Road Project 南部沿岸道路建設計画	F/S	1977	Transportation / Road	Implementing	587
588	Africa	TZA/S 302	Tanzania	Purchasing of an Additional Passenger - Cum - Cargo Vessel for Tanzania Coastal Shipping Line 貨客船建造計画	F/S	1978	Transportation / Marine Transportation & Ships	Discontinued or Cancelled	588
589	Africa	TZA/S 103	Tanzania	Proposed Mahale Mountains National Park マハレ自然保護国立公園計画	M/P	1980	Tourism / (Tourism in)General	Discontinued	589
590	Africa	TZA/A 301	Tanzania	Lower-Moshi Agricultural Development Project ローアモシ農業開発計画	F/S	1980	Agriculture / (Agriculture in)General	Partially Completed	590
591	Africa	TZA/A 302	Tanzania	Mkomazi Valley Area Irrigation Development Project ムコマジバレイ農業用水開発計画	F/S	1983	Agriculture / (Agriculture in)General	Partially Completed	591
592	Africa	TZA/A 601	Tanzania	Expanded Afforestation Work in the Same District of Kilimanjaro Region キリマンジャロ林業開発計画	Other	1988	Forestry / Forestry & Forest Conservation	In Progress or In use	592
593	Africa	TZA/S 303	Tanzania	Road Improvement and Maintenance in Dar es Salaam ダルエスサラーム市道路整備計画	F/S	1990	Transportation / Road	Implementing	593
594	Africa	TZA/A 303	Tanzania	Lower Hai and Lower Rombo Agricultural Development Project ハイロンボ農業開発計画	F/S	1990	Agriculture / (Agriculture in)General	Delayed or Suspended	594
595	Africa	TZA/S 304	Tanzania	Rehabilitation of Dar Es Salaam Water Supply ダルエスサラーム市給水施設整備計画	F/S	1991	Public Utilities / Water Supply	Promoting	595
596	Africa	ZAR/S 301	Zaire	Project de la construction du pont sur le fleuve Zaire a Matadi マタディ橋梁建設計画	F/S	1978	Transportation / (Transportation in)General	Completed	596
597	Africa	ZAR/S 101	Zaire	Plan - directeur relatif a l'aménagement du système de transport allant de la ville de Kinshasa a Banana キンシャサ〜バナナ間交通体系総合調査	M/P	1986	Transportation / (Transportation in)General	In Progress or In use	597
598	Africa	ZAR/S 302	Zaire	Railway Construction Project between Kisenso and Kimbanske キセンソ・キンバンセケ鉄道建設計画	F/S	1987	Transportation / Railway	Delayed or Suspended	598
599	Africa	ZAR/S 303	Zaire	Construction Project of the East-West Road in Kinshasa City キンシャサ市内東西幹線道路建設計画	F/S	1989	Transportation / Road	Delayed or Suspended	599
600	Africa	ZMB/S 301	Zambia	Microwave Radio Relay Project マイクロウェーブ回線網建設計画	F/S	1981	Communications & Broadcasting /	Completed	600
601	Africa	ZMB/S 302	Zambia	Lusaka International Airport Development Project ルサカ国際空港整備計画	F/S	1985	Transportation / Air Transportation & Airport	Implementing	601

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602	Africa	ZMB/S 303	Zambia	Kafue Road Bridge Reconstruction Project カフエ川道路橋改築計画	F/S	1990	Transportation / Road	Completed	602
603	Africa	ZMB/S 101	Zambia	Hydrologic Observation Systems of the Major River Basins 主要河川水資源開発計画	M/P	1991	Social Infrastructures / Water Resource Development	In Progress or In use	603
604	Africa	ZMB/A 501	Zambia	The agricultural verification study 農業実証調査	Basic Study	1992	Agriculture / (Agriculture in)General	In Progress or In use	604
605	Africa	ZWE/S 601	Zimbabwe	Electrification of National Railways 国鉄電化計画	Other	1980	Transportation / Railway	In Progress or In use	605
606	Africa	ZWE/S 101	Zimbabwe	Rural Water Supply Programme in Communal Lands in Parts of Masvingo and Midlands Provinces 村落給水計画	M/P	1983	Public Utilities / Water Supply	In Progress or In use	606
607	Africa	ZWE/S 301	Zimbabwe	Installation Project of INTELSAT Standard A Earth Station インテルサット標準A地球局建設計画	F/S	1983	Communications & Broadcasting /	Partially Completed	607
608	Africa	ZWE/A 301	Zimbabwe	Medium Size Dams in Masvingo Province マシング州中規模かんがい計画	F/S	1987	Agriculture / (Agriculture in)General	Implementing	608
609	Africa	ZWE/A 302	Zimbabwe	Nyakomba Irrigation Development Project ニヤコンバ地方灌漑計画	F/S	1990	Agriculture / (Agriculture in)General	Promoting	609
610	Africa	ZWE/S 302	Zimbabwe	Rural Telecommunications Network Project 地方電気通信網整備計画	F/S	1992	Communications & Broadcasting / (Comms. &	Promoting	610
611	Middle & South America	ARG/S 301	Argentina	Deep Water Port Construction Project at Punta Medanos プンタ・メダノス深水港建設計画	F/S	1979	Transportation / Port	Discontinued or Cancelled	611
612	Middle & South America	ARG/S 101	Argentina	Study on Economic Development 経済開発調査	M/P	1986	Development Plan / Integrated Regional Development Plan	In Progress or In use	612
613	Middle & South America	ARG/S 302	Argentina	Preliminary Design for the Amplification of an Inspection and Repairing Workshop for Electric Rolling Stock 国鉄車輛検修工場建設計画	F/S	1986	Transportation / Railway	Discontinued or Cancelled	613
614	Middle & South America	ARG/S 102	Argentina	Development Plan for the Telecommunication and Broadcasting Networks in the Province of Mendoza メンドーサ州電気通信・放送網整備拡充計画	M/P	1987	Communications & Broadcasting / (Comms. &	In Progress or In use	614
615	Middle & South America	ARG/A 101	Argentina	Proyecto de desarrollo agricola integrado en el area adyacente a la represa de Yacyreta e la provincia de Corrientes ヤシレタダム隣接地域農業総合開発計画	M/P	1988	Agriculture / (Agriculture in)General	In Progress or In use	615
616	Middle & South America	BOL/S 301	Bolivia	Viru Viru International Airport Development ビルビル国際空港計画	F/S	1977	Transportation / Air Transportaion & Airport	Completed	616
617	Middle & South America	BOL/S 501	Bolivia	Topographic Mapping Project for Chapare Area チャパレー地区地図作成事業	Basic Study	1978	Social Infrastructures / Survey & Mapping	In Progress or In use	617
618	Middle & South America	BOL/A 501	Bolivia	(Land Use Mapping Project for Chapare Area) チャパレー地区土地利用図作成	Basic Study	1979	Agriculture / (Agriculture in)General	In Progress or In use	618

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619	Middle & South America	BOL/S 302	Bolivia	Railway Construction/Rehabilitation Project(Eastern Line: Taperas-Robore and Ipias-Robore) 国鉄復旧計画	F/S	1982		Transportation / Railway	Completed	619
620	Middle & South America	BOL/S 303	Bolivia	National Telecommunication Network Project 電気通信網整備拡充計画	F/S	1982		Communications & Broadcasting /	Discontinued or Cancelled	620
621	Middle & South America	BOL/S 201B	Bolivia	El Alto Airport Modernization Project エル・アルト空港近代化計画	M/P+F/S	1987		Transportation / Air Transportaion & Airport	Promoting	621
622	Middle & South America	BOL/S 305	Bolivia	Groundwater Development Project on El Alto District in La Paz City ラパス市エル・アルト地区地下水開発計画	F/S	1987		Public Utilities / Water Supply	Completed	622
623	Middle & South America	BOL/S 304	Bolivia	Mejoramiento de la carretera entre San Borja y Trinidad サンボルハートトリニダ道路改良	F/S	1987		Transportation / Road	Promoting	623
624	Middle & South America	BOL/S 401	Bolivia	Mejoramiento de la carretera entre San Borja y Trinidad サンボルハートトリニダ道路改良	D/D	1988		Transportation / Road	Promoting	624
625	Middle & South America	BOL/S 306	Bolivia	Road Improvement between Santa Barbara and Bella Vista サンタバルバラ・ベジャピスタ道路改良計画	F/S	1990		Transportation / Road	Promoting	625
626	Middle & South America	BOL/A 301	Bolivia	Agricultural and Rural Development Project in Santa Ana サンタアナ農業農村開発計画	F/S	1990		Agriculture / (Agriculture in)General	Promoting	626
627	Middle & South America	BOL/S 101	Bolivia	Modernization and Rehabilitation of Bolivian National Railways 鉄道網整備計画	M/P	1991		Transportation / Railway	In Progress or In use	627
628	Middle & South America	BOL/A 101	Bolivia	Forest Resources Management 森林資源管理計画	M/P	1991		Forestry / Forestry & Forest Conservation	Delayed	628
629	Middle & South America	BRA/S 101	Brazil	Plano de construcao da nova ligacao ferroviaria ferroviaria 鉄道新線建設計画	M/P	1975		Transportation / Railway	In Progress or In use	629
630	Middle & South America	BRA/S 301	Brazil	Praia Mole Port Construction Project プライアモーレ港建設計画	F/S	1977		Transportation / Port	Discontinued or Cancelled	630
631	Middle & South America	BRA/S 102	Brazil	Regional Development of the Three States: Espirito Santo, Minas Gerais and Goias 三州開発計画	M/P	1979		Development Plan / Integrated Regional Development Plan	In Progress or In use	631
632	Middle & South America	BRA/S 103	Brazil	Establishment of the Fire Fighting Training Center in Brasilia D.F. 消防訓練センター建設計画	M/P	1980		Social Infrastructures / Architecture & Housing	In Progress or In use	632
633	Middle & South America	BRA/S 104	Brazil	Regional Development Plan of the Greater Carajas Program 大カラジャス地域総合開発計画	M/P	1985		Development Plan / Integrated Regional Development Plan	In Progress or In use	633
634	Middle & South America	BRA/S 201B	Brazil	Itajai River Basin Flood Control Project イタジャイ河流域治水計画	M/P+F/S	1987		Social Infrastructures / River & Erosion Control	Partially Completed	634
635	Middle & South America	BRA/S 302	Brazil	Flood Control Project in the Lower Itajai River Basin イタジャイ河下流域治水計画	F/S	1989		Social Infrastructures / River & Erosion Control	Promoting	635
636	Middle & South America	BRA/S 202B	Brazil	Disaster Prevention and Restoration Project in Serra Do Mar, Cubatao Region クバトン地域海岸山脈災害防止復旧計画	M/P+F/S	1990		Social Infrastructures / River & Erosion Control	Promoting	636



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637	Middle & South America	BRA/S 105	Brazil	Urban Transport in Belem ベレーン市都市交通計画	M/P	1991	Transportation / Urban Transportaion	In Progress or In use	637
638	Middle & South America	CHL/S 101	Chile	State Railways Modernization Project 国鉄近代化計画	M/P	1983	Transportation / Railway	In Progress or In use	638
639	Middle & South America	CHL/S 102	Chile	Development Plan of the Ports of Valparaiso and San Antonio バルパライソ港・サンアントニオ港整備計画	M/P	1986	Transportation / Port	In Progress or In use	639
640	Middle & South America	CHL/A 301	Chile	Mapocho River Basin Agricultural Development Project マポーチョ川流域農業開発計画	F/S	1986	Agriculture / (Agriculture in)General	Promoting	640
641	Middle & South America	CHL/A 302	Chile	Proyecto de desarrollo agricola mediante aprovechamiento de aguas subterranas en Tololo Pampa en la region de Atacama トロロ・パンパ地下水農業開発計画	F/S	1988	Agriculture / (Agriculture in)General	Processing	641
642	Middle & South America	CHL/S 103	Chile	Rehabilitation and Conservation Program of Bridges 全国橋梁補習整備計画	M/P	1992	Transportation / Road	In Progress or In use	642
643	Middle & South America	CHL/A 501	Chile	Forest Resources Management 森林資源管理計画	Basic Study	1992	Forestry / Forestry & Forest Conservation	In Progress or In use	643
644	Middle & South America	COL/S 101	Colombia	Simon Bolivar Great Memorial Park Project シモンボリバル公園造成計画	M/P	1981	Social Infrastructures / Urben Planning & Land Development	In Progress or In use	644
645	Middle & South America	COL/A 501	Colombia	Fisheries Resources Survey 水産資源調査	Basic Study	1981	Fisheries / Fisheries	In Progress or In use	645
646	Middle & South America	COL/S 301	Colombia	Bogota-Buenaventura Road Project ベナベンツラーボゴタ間道路計画	F/S	1982	Transportation / Road	Discontinued or Cancelled	646
647	Middle & South America	COL/S 102	Colombia	Comprehensive Urban Transport Study in Barranquilla Metropolitan Region バランキージャ総合都市交通計画	M/P	1984	Transportation / Urban Transportaion	In Progress or In use	647
648	Middle & South America	COL/A 301	Colombia	Pamplonita River Basin Agricultural Development Project パンプロニータ川流域農業開発計画	F/S	1984	Agriculture / (Agriculture in)General	Implementing	648
649	Middle & South America	COL/A 302	Colombia	Small Scale Irrigation Package Project in Slope Area 傾斜地小規模かんがい計画	F/S	1986	Agriculture / (Agriculture in)General	Partially Completed	649
650	Middle & South America	COL/S 302	Colombia	Urban Development of the Central District of Barranquilla バランキージャ市中心地区再開発計画	F/S	1987	Social Infrastructures / Urben Planning & Land Development	Implementing	650
651	Middle & South America	COL/A 101	Colombia	Quindio Basin Integrated Agricultural Development Project キンディオ盆地農業総合開発計画	M/P	1988	Agriculture / (Agriculture in)General	In Progress or In use	651
652	Middle & South America	COL/A 303	Colombia	ARIARI River Basin Integrated Agricultural Development Project アリアリ川農業総合開発計画	F/S	1989	Agriculture / (Agriculture in)General	Promoting	652
653	Middle & South America	COL/S 103	Colombia	Air Pollution Control Plan in Santafe de Bogota City Area ボゴタ市大気汚染対策計画	M/P	1991	Administration / Environmental Problems	In Progress or In use	653
654	Middle & South America	COL/A 304	Colombia	Quindio Basin Integrated Agricultural Development Project キンディオ川流域農業総合開発計画	F/S	1991	Agriculture / (Agriculture in)General	Promoting	654
655	Middle & South America	COL/S 104	Colombia	The Urban Transport Study in the City of Cartagene de Indias. カルタヘナ市都市交通計画	M/P	1992	Transportation / Urban Transportaion	In Progress or In use	655

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656	Middle & South America	COL/A 502	Colombia	Forest Resources Management 林業資源	Basic Study	1992	Forestry / Forestry & Forest Conservation	Delayed	656
657	Middle & South America	CRI/S 101	Costa Rica	Regional study of the Hinterland of Caldera and Puntarenas Ports 太平洋岸新港背後地域開発計画	M/P	1977	Development Plan / Integrated Regional Development Plan	Discontinued	657
658	Middle & South America	CRI/S 301	Costa Rica	Second Stage Expansion Project of the Port of Caldera カルデラ港建設計画	F/S	1981	Transportation / Port	Discontinued or Cancelled	658
659	Middle & South America	CRI/S 302	Costa Rica	Maintenance Project of the Port of Caldera カルデラ港維持整備計画	F/S	1986	Transportation / Port	Promoting	659
660	Middle & South America	CRI/A 201B	Costa Rica	Limon Integrated Agricultural Development Project リモン地区農業総合開発計画	M/P+F/S	1988	Agriculture / (Agriculture in)General	Delayed or Suspended	660
661	Middle & South America	CRI/A 501	Costa Rica	Fiseries Resources Survey of the Pacific Coast 太平洋沿岸水産資源調査	Basic Study	1988	Fisheries / Fisheries	In Progress or In use	661
662	Middle & South America	CRI/S 501	Costa Rica	Mapping Project for Metropolitan Area of San Jose City サンホセ首都圏都市基本図作成	Basic Study	1991	Social Infrastructures / Survey & Mapping	In Progress or In use	662
663	Middle & South America	CRI/S 201B	Costa Rica	Development Project of Three International Airports 国際空港整備計画	M/P+F/S	1992	Transportation / Air Transportaion & Airport	Processing	663
664	Middle & South America	DOM/A 301	Dominican Republic	Proyecto del desarrollo agricola del area Aglipo (El Pozo) アグリボ (エルポソ) 地域農業開発計画	F/S	1981	Agriculture / (Agriculture in)General	Completed	664
665	Middle & South America	DOM/S 301	Dominican Republic	Radio and Television Development Project ラジオ・テレビ放送網拡充計画	F/S	1985	Communications & Broadcasting / Broadcasting	Completed	665
666	Middle & South America	DOM/A 302	Dominican Republic	Aguate-Guayabo Agricultural development Project アグアカテ・グアジャボ地域農業開発計画	F/S	1986	Agriculture / (Agriculture in)General	Promoting	666
667	Middle & South America	DOM/S 201B	Dominican Republic	Development Project of the San Pedro de Macoris サンペドロデマコリス港開発計画	M/P+F/S	1987	Transportation / Port	Discontinued or Cancelled	667
668	Middle & South America	DOM/A 303	Dominican Republic	Constanza Valley Irrigation Project コンスタンサ地域畑地灌漑計画	F/S	1990	Agriculture / (Agriculture in)General	Implementing	668
669	Middle & South America	DOM/S 501	Dominican Republic	Groundwater Development Project in The Western Region 西部地下水開発計画	Basic Study	1992	Social Infrastructures / Water Resource Development	In Progress or In use	669
670	Middle & South America	ECU/A 301	Ecuador	Proyecto Catarama de desarrollo agricola コスタ地区カタラマ川流域農業開発計画	F/S	1982	Agriculture / (Agriculture in)General	Implementing	670
671	Middle & South America	ECU/S 201B	Ecuador	Guayaquil City Urban Transportation Plan グアヤキル市都市交通計画調査	M/P+F/S	1986	Transportation / Urban Transportaion	Delayed or Suspended	671
672	Middle & South America	ECU/A 501	Ecuador	Estudio forestal de la region noreste 北東部林業資源調査	Basic Study	1988	Forestry / Forestry & Forest Conservation	In Progress or In use	672
673	Middle & South America	ECU/A 302	Ecuador	Small-scale Fishing Port Development Project in Manabi Province マナビ州零細漁港建設計画	F/S	1991	Fisheries / Fisheries	Promoting	673
674	Middle & South America	ECU/S 303	Ecuador	Water Resources Development for Hhone-Portoviejo River Basins チョネ・ポルトビエホ川流域水資源開発計画	F/S	1992	Social Infrastructures / Water Resource Development	Promoting	674
675	Middle & South America	GTM/S 201B	Guatemala	Flood Control Project (Archiguate and Pantaleon Rivers) 治水計画	M/P+F/S	1984	Social Infrastructures / River & Erosion Control	Delayed or Suspended	675

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676	Middle & South America	GTM/S 501	Guatemala	Ground Water Development Project グアテマラ市地下水開発計画	Basic Study	1986	Social Infrastructures / Water Resource Development	In Progress or In use	676
677	Middle & South America	GTM/S 301	Guatemala	Development Project of the Port of Santo Tomas de Castilla サント・トーマス港開発計画	F/S	1988	Transportation / Port	Partially Completed	677
678	Middle & South America	GTM/A 301	Guatemala	Monjas Irrigation Project モンハスカンがい計画	F/S	1988	Agriculture / (Agriculture in)General	Promoting	678
679	Middle & South America	GTM/S 302	Guatemala	Development Project of La Aurora and Santa Elena Airports 国際空港整備計画	F/S	1989	Transportation / Air Transportaion & Airport	Promoting	679
680	Middle & South America	GTM/S 101	Guatemala	Comprehensive Urban Transportation System in Guatemala Metropolitan Area	M/P	1991	Transportation / Urban Transportaion	In Progress or In use	680
681	Middle & South America	GTM/S 202B	Guatemala	Solid Waste Management in Metropolitan Area of Guatemala City 首都圏生活廃棄物処理計画	M/P+F/S	1991	Public Utilities / Urban Sanitation	Partially Completed	681
682	Middle & South America	GTM/A 101	Guatemala	Integrated Agricultural and Rural Development Project in Jutiapa フティアパ県農業・農村総合開発計画	M/P	1992	Agriculture / (Agriculture in)General	In Progress or In use	682
683	Middle & South America	HND/A 301	Honduras	Agricultural Development in the Choluteca River Basin Cholulテカ川流域農業開発計画	F/S	1978	Agriculture / (Agriculture in)General	Processing	683
684	Middle & South America	HND/S 301	Honduras	New Tegucigalpa Airport Development テグシガルパ新空港建設計画	F/S	1979	Transportation / Air Transportaion & Airport	Promoting	684
685	Middle & South America	HND/A 501	Honduras	Inventario forestal del distrito forestal de La Mosquitia ラ・モスキチア地区林業資源調査	Basic Study	1983	Forestry / Forestry & Forest Conservation	In Progress or In use	685
686	Middle & South America	HND/A 502	Honduras	Fisheries Resources Survey 水産資源調査	Basic Study	1983	Fisheries / Fisheries	In Progress or In use	686
687	Middle & South America	HND/A 302	Honduras	Choluteca River Basin Agricultural Development Project(Updating Study) Cholulテカ川流域農業開発計画補完調査	F/S	1984	Agriculture / (Agriculture in)General	Processing	687
688	Middle & South America	HND/A 303	Honduras	Aguan Valley Agricultural Development Project (Saba-Olanchito Area) アグアン川流域農業開発計画	F/S	1985	Agriculture / (Agriculture in)General	Delayed or Suspended	688
689	Middle & South America	HND/S 501	Honduras	Groundwater Development Project in Comayagua コマヤグア県地下水開発計画	Basic Study	1989	Social Infrastructures / Water Resource Development	In Progress or In use	689
690	Middle & South America	HND/A 304	Honduras	Rehabilitation of Coyolar Dam and Irrigation Improvement Project in Comayagua Valley コヨラルダム灌漑復旧計画	F/S	1990	Agriculture / Irrigation, Drainage & Reclamation	Processing	690
691	Middle & South America	HND/S 102	Honduras	Rural Telecommunications Network Project 地方電気通信網整備計画	M/P	1992	Communications & Broadcasting /	In Progress or In use	691
692	Middle & South America	JAM/A 301	Jamaica	Agricultural Development Project on the Black River Lower Morass ブラックリバーローアモラス農業開発計画	F/S	1985	Agriculture / (Agriculture in)General	Delayed or Suspended	692
693	Middle & South America	JAM/A 302	Jamaica	Modernization and Expansion of the Rio Cobre Irrigation scheme リオ・コブレ農業開発計画	F/S	1987	Agriculture / (Agriculture in)General	Partially Completed	693
694	Middle & South America	MEX/S 601	Mexico	Mexico City Suburban Railways Construction Project メキシコ市内通勤鉄道建設計画	Other	1977	Transportation / Railway	Discontinued	694

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695	Middle & South America	MEX/S 602	Mexico	Suburban Railways Project (follow-up) 近郊鉄道計画 (アフターケア)	Other	1979		Transportation / Railway	In Progress or In use	695
696	Middle & South America	MEX/S 603	Mexico	Proyecto de electrificación de la línea de Mexico a Irapuato 幹線鉄道電化計画	Other	1981		Transportation / Railway	In Progress or In use	696
697	Middle & South America	MEX/S 604	Mexico	Development Plan of Industrial Ports 臨海工業地帯建設にかかる技術協力計画	Other	1982		Development Plan / Integrated Regional Development Plan	In Progress or In use	697
698	Middle & South America	MEX/S 301	Mexico	Guanajuato New Railway Development Project グアナフアト州高速鉄道開発計画	F/S	1983		Transportation / Railway	Discontinued or Cancelled	698
699	Middle & South America	MEX/S 302	Mexico	Development Project of the Industrial Port of Tuxpan トクスパン工業港開発計画	F/S	1983		Transportation / Port	Discontinued or Cancelled	699
700	Middle & South America	MEX/S 303	Mexico	Development Project of the Port of Manzanillo マンサニージョ港開発計画	F/S	1985		Transportation / Port	Completed	700
701	Middle & South America	MEX/S 304	Mexico	Repair Dockyard in Lazaro Cardenas ラサロカルデナス港修繕ドック整備計画	F/S	1987		Transportation / Marine Transportation & Ships	Discontinued or Cancelled	701
702	Middle & South America	MEX/S 605	Mexico	Air Pollution Control Plan in the Federal District メキシコ市大気汚染対策	Other	1988		Administration / Environmental Problems	In Progress or In use	702
703	Middle & South America	MEX/S 305	Mexico	Improvement of the Pacific Coast Ports 太平洋港湾整備計画	F/S	1990		Transportation / Port	Completed	703
704	Middle & South America	PAN/S 501	Panama	Topographic Mapping Project of the Caribbean Coastal Area カリブ海沿岸地区地図作成事業	Basic Study	1981		Social Infrastructures / Survey & Mapping	In Progress or In use	704
705	Middle & South America	PAN/A 501	Panama	Fisheries Resources Survey of the Atlantic Coast 大西洋岸漁業資源調査	Basic Study	1983		Fisheries / Fisheries	In Progress or In use	705
706	Middle & South America	PAN/S 302	Panama	Urban Transport Project in the Panama Metropolitan Area (ESTAMPA II) パナマ首都圏都市交通計画	F/S	1984		Transportation / Urban Transportation	Delayed or Suspended	706
707	Middle & South America	PAN/S 301	Panama	Short-Wave Broadcast Station Project 短波放送施設建設計画	F/S	1984		Communications & Broadcasting / Broadcasting	Delayed or Suspended	707
708	Middle & South America	PAN/A 502	Panama	Inventario forestal del distrito de Donoso 林業資源調査	Basic Study	1984		Forestry / Forestry & Forest Conservation	In Progress or In use	708
709	Middle & South America	PAN/S 303	Panama	Corredor Sur Development Project in the Panama Metropolitan Area (ESTAMPA III) パナマ市南部回廊建設計画	F/S	1987		Transportation / Urban Transportation	Delayed or Suspended	709
710	Middle & South America	PRY/S 601	Paraguay	La Colmena Highway (follow-up) ラ・コルメナ道路アフターケア	Other	1976		Transportation / Road	In Progress or In use	710
711	Middle & South America	PRY/S 301	Paraguay	Fleet Expansion Project 船舶増強計画	F/S	1978		Transportation / Marine Transportation & Ships	Completed	711
712	Middle & South America	PRY/S 302	Paraguay	New Airport Construction Project in Ciudad Presidente Stroessner ストロエスネル新空港建設計画/東部国際空港建設計画 (1989.8から)	F/S	1979		Transportation / Air Transportation & Airport	Implementing	712
713	Middle & South America	PRY/A 301	Paraguay	Proyecto de desarrollo agrícola en la zona noroeste del lago Ypoa イボア湖北西部農業開発計画	F/S	1982		Agriculture / (Agriculture in)General	Delayed or Suspended	713

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714	Middle & South America	PRY/S 201B	Paraguay	National Telecommunications & Broadcasts Development Project 電気通信拡充計画 (電気通信・放送拡充計画のF/S)	M/P+F/S	1983		Communications & Broadcasting / (Comms. &	Implementing	714
715	Middle & South America	PRY/A 501	Paraguay	Forest Inventory in the Northeastern Region 北東部林業資源調査	Basic Study	1983		Forestry / Forestry & Forest Conservation	In Progress or In use	715
716	Middle & South America	PRY/A 101	Paraguay	Irrigation and Drainage Project in the Adjacent Area to the Yacyreta Dam ヤシレタダム隣接地域農業総合開発計画	M/P	1984		Agriculture / (Agriculture in)General	In Progress or In use	716
717	Middle & South America	PRY/A 302	Paraguay	Proyecto de reforestacion en la zona de Capiibary, Departamento de San Pedro カピバリ地区森林造成計画	F/S	1984		Forestry / Forestry & Forest Conservation	Promoting	717
718	Middle & South America	PRY/S 101	Paraguay	Transito Urbano de Asuncion y su area metropolitana アスンシオン首都圏都市交通整備計画	M/P	1986		Transportation / Urban Transportaion	In Progress or In use	718
719	Middle & South America	PRY/S 202B	Paraguay	Storm Drainage System Improvement Project in Asuncion City アスンシオン市雨水排水施設整備計画	M/P+F/S	1986		Social Infrastructures / River & Erosion Control	Delayed or Suspended	719
720	Middle & South America	PRY/A 102	Paraguay	Proyecto de aumento de la produccion de granos principales en el area central del departamento de Itapua イタプア県中部地域主要穀物増産計画	M/P	1987		Agriculture / (Agriculture in)General	In Progress or In use	720
721	Middle & South America	PRY/S 303	Paraguay	Transportation Facilities Improvement Project of the Asuncion Metropolitan Area アスンシオン首都圏都市交通施設整備計画	F/S	1988		Transportation / Urban Transportaion	Processing	721
722	Middle & South America	PRY/S 102	Paraguay	Water Pollution Control Plan for the Lake Ypacarai and its Basin イバカライ湖流域水質汚濁対策計画	M/P	1989		Administration / Environmental Problems	In Progress or In use	722
723	Middle & South America	PRY/A 303	Paraguay	Integrated Rural Infrastructure Improvement Project in La Colmena ラ・コルメナ地区農村総合整備計画	F/S	1989		Agriculture / (Agriculture in)General	Completed	723
724	Middle & South America	PRY/S 103	Paraguay	National Transport Master Plan 総合交通計画	M/P	1991		Transportation / (Transportation in)General	In Progress or In use	724
725	Middle & South America	PER/A 301	Peru	Proyecto de la construccion del complejo pesquero del centro 中部漁業総合基地建設計画	F/S	1977		Fisheries / Fisheries	Discontinued or Cancelled	725
726	Middle & South America	PER/S 201B	Peru	Development Project of the Port of Callao カジャオ港整備計画	M/P+F/S	1983		Transportation / Port	Delayed or Suspended	726
727	Middle & South America	PER/A 302	Peru	Chancay-Huaral Valley Rehabilitation Project チャンカイ・ワラル谷かんがい復旧計画	F/S	1984		Agriculture / (Agriculture in)General	Partially Completed	727
728	Middle & South America	PER/S 202B	Peru	Development Project of Jorge Chavez Lima-Callao International Airport リマ国際空港整備計画	M/P+F/S	1986		Transportation / Air Transportaion & Airport	Delayed or Suspended	728
729	Middle & South America	PER/S 501	Peru	Topographic Mapping Project for Satipo Area, Department of Junin フニン県サティボ地区地形図作成事業	Basic Study	1986		Social Infrastructures / Survey & Mapping	In Progress or In use	729
730	Middle & South America	PER/S 101	Peru	Disaster Prevention Project in the Rimac River Basin リマック川防災対策計画	M/P	1987		Social Infrastructures / River & Erosion Control	In Progress or In use	730
731	Middle & South America	PER/S 301	Peru	Improvement of Sewerage System in Southern Part of Lima リマ市南部下水道整備計画	F/S	1989		Public Utilities / Sewerage	Promoting	731

## PROJECT LIST

No.	Region	Code No.	Country	Name of the Study	Type	Fiscal Year	Sector / Subsector	Status	Page
						Completed			
732	Middle & South America	PER/A 201B	Peru	Desarrollo Pesquero y Construccion del Puerto Pesquera en la Costa Central 沿岸漁港開発計画	M/P+F/S	1990	Fisheries / Fisheries	Promoting	732
733	Middle & South America	PER/S 502	Peru	The Topographic Mapping of Lima Metropolitan Area リマ首都圏都市基本図作成	Basic Study	1992	Social Infrastructures / Survey & Mapping	Delayed	733
734	Middle & South America	TTO/S 201B	Trinidad and Tobago	Improvement of Water Supply Supervisory System 水管理計画	M/P+F/S	1991	Public Utilities / Water Supply	Promoting	734
735	Middle & South America	URY/A 101	Uruguay	Establecimiento de plantaciones de arboles y utilizacion de la madera plantada 造林・木材利用計画	M/P	1986	Forestry / Forestry & Forest Conservation	In Progress or In use	735
736	Middle & South America	URY/S 301	Uruguay	Development Plan of the International Airport of Carrasco カラスコ国際空港整備計画	F/S	1989	Transportation / Air Transportaion & Airport	Delayed or Suspended	736
737	Middle & South America	URY/A 301	Uruguay	National Reforestation Plan 国家造林5ヶ年計画	F/S	1990	Forestry / Forestry & Forest Conservation	Implementing	737
738	Middle & South America	URY/S 302	Uruguay	Development of New Port Terminals at Montovideo Port モンテヴィデオ港新ターミナル開発計画	F/S	1992	Transportation / Port	Promoting	738
739	Middle & South America	VEN/S 101	Venezuela	Design on Cargo Handling Equipments 港湾技術訓練センター建設計画	M/P	1980	Transportation / Port	Discontinued	739
740	Middle & South America	VEN/S 201B	Venezuela	Chama River Basin Conservation Project チャマ川流域防災計画	M/P+F/S	1989	Social Infrastructures / River & Erosion Control	Delayed or Suspended	740
741	Oceania	COK/S 201B	Cook Islands	Coastal Protection and Port Improvement 海岸保全・改良計画	M/P+F/S	1992	Development Plan / (Development Plan in )General	Promoting	741
742	Oceania	FJI/A 501	Fiji	Analytical Survey of Coconut Forests in Taveuni Island 林業開発 (TAVEUNI島ココナツ林解析調査)	Basic Study	1978	Forestry / Forestry & Forest Conservation	In Progress or In use	742
743	Oceania	FJI/A 502	Fiji	The Survey for Forest Development in Fiji 林業資源調査	Basic Study	1982	Forestry / Forestry & Forest Conservation	In Progress or In use	743
744	Oceania	FJI/A 503	Fiji	Fisheries Resources Survey in Fiji and Tuvalu 水産資源調査	Basic Study	1987	Fisheries / Fisheries	In Progress or In use	744
745	Oceania	KIR/A 501	Kiribati	Fishery Resources in the Gilbert Islands 水産資源調査	Basic Study	1978	Fisheries / Fisheries	In Progress or In use	745
746	Oceania	PNG/A 301	Papua New Guinea	Fishing Base Construction Project 漁業基地建設計画	F/S	1977	Fisheries / Fisheries	Delayed or Suspended	746
747	Oceania	PNG/S 301	Papua New Guinea	Rural Telecommunication Development Plan in Papua New Guinea 地方電話網整備計画	F/S	1989	Communications & Broadcasting /	Delayed or Suspended	747
748	Oceania	PNG/S 401	Papua New Guinea	Detailed Design on Road Construction Project in Bereina-Malalaua 横断道路建設計画 (ベレイナ・マララウア間)	D/D	1989	Transportation / Road	Implementing	748
749	Oceania	PNG/S 302	Papua New Guinea	Tokua Airport Development Project トクア空港整備計画	F/S	1991	Transportation / Air Transportaion & Airport	Delayed or Suspended	749
750	Oceania	SLB/S 301	Solomon Islands	Telecommunication Trunk Network Construction Project 国内電気通信幹線網建設計画	F/S	1979	Communications & Broadcasting /	Discontinued or Cancelled	750

## PROJECT LIST

No.	Region	Code No.	Country	Name of the Study	Type	Fiscal Year		Sector / Subsector	Status	Page
						Completed				
751	Oceania	SLB/S 302	Solomon Islands	Development Project of Henderson International Airport ヘンダーソン国際空港整備計画	F/S	1991		Transportation / Air Transportation & Airport	Promoting	751
752	Oceania	WSM/S 201B	Western Samoa	Development of the Ports in Western Samoa 全国港湾整備総合計画	M/P+F/S	1987		Transportation / Port	Completed	752
753	Europe	GRC/S 601	Greece	Tourism Promotion 観光振興計画	Other	1989		Tourism / (Tourism in)General	In Progress or In use	753
754	Europe	POL/S 101	Poland	National Transport Plan 総合交通計画	M/P	1992		Transportation / (Transportation in)General	In Progress or In use	754
755	Plural countries	ZZZ/S 101		Establishment of Electronic and Navigational Aid Systems Project 電子航行援助システム等設置計画	M/P	1977		Transportation / Marine Transportation & Ships	In Progress or In use	755
756	Plural countries	ZZZ/S 502		Joint Hydrographic Survey in Malacca and Singapore Straits (one fathom bank area) マラッカ海峡ワンファザムバンク区域水路調査	Basic Study	1978		Transportation / Marine Transportation & Ships	In Progress or In use	756
757	Plural countries	ZZZ/S 501		ASEAN Submarine Cable Project:Thailand-Malaysia-Singapore Route タイ・マレーシア・シンガポール海底ケーブル建設計画	Basic Study	1978		Communications & Broadcasting /	In Progress or In use	757
758	Plural countries	ZZZ/S 301		(Construction of Indo-Chinese Refugee Camps) インドシナ難民センター建設計画	F/S	1979		Social Infrastructures / Architecture & Housing	Discontinued or Cancelled	758
759	Plural countries	ZZZ/S 503		Joint Production of Common Datum Charts of the Straits of Malacca and Singapore マラッカ・シンガポール海峡統一基準点海図作成	Basic Study	1982		Social Infrastructures / Survey & Mapping	In Progress or In use	759
760	Plural countries	ZZZ/S 504		Medan(Indonesia)-Colombo(Sri Lanka)Submarine Cable Project メダン-コロンボ海底ケーブル建設計画	Basic Study	1984		Communications & Broadcasting /	In Progress or In use	760

#### 4. List of Cancelled Studies

Country	FYear	Name of Study	S/W	Remarks
Nepal	1975	Tansing Water Supply (タンセン上水道)	Not signed	Implemented by the Grant Aid Program.
Thailand	1975	Water Pollution Control for Tha Chin - Mae Klong Rivers (ターチン・メクロン河川公署)	Not signed	Implemented by the assignment of experts, participation of counterparts in the training program in Japan, and the provision of equipment.
Afghanistan	1975	Television Network Development (テレビ放送)	Not signed	The basic design study was undertaken for the Grant Aid Program (Buildings and equipment for the Kabul Broadcasting Station).
Egypt	1975	Development of Alexandria Port (アレキサンドリア港)	Not signed	Yen credit is being considered (mainly for the alleviation of bottlenecks).
Iran	1975	Teheran - Mashhad Express Railway Development (テヘラン～マシャッド間高速鉄道計画)	Not signed	IARTS began the F/S with financing from the Iranian Government but the study was discontinued in the second year because of the coup d'etat.
Colombia	1976	Forest Development Project (森林造成事業)	Not signed	
Libya	1976 - 77	Technical Cooperation on Telecommunication (電気通信関係技術協力)	Not signed	The purpose was to advise on the promotion of telecommunication development in Libya
Saudi Arabia	1976 - 77	Rub' al Khali Topographic Mapping Project (ルブ・アルハリ地区地図作成)	Not signed	A short-term expert was assigned to advise on specifications. The project was one of the proposals for assisting oil-exporting countries after the oil crisis, but subsequently discontinued. Mapping was completed with finance from the Saudi Arabian Government (undertaken by French and German consultants).
Brazil	1977	Vitoria Urban Development (ヴィトリア都市開発計画)		
Pakistan	1978	Development of Flood Forecasting Systems (洪水予警報システム建設計画)		
Myanmar/Thailand	1978	Construction of the Outdoor Sport Stadium and the Youth Program Center (野外競技場建設計画、青少年福祉センター建設計画)		Taken over by the Grand Aid Program and the basic design study was conducted.
India	1978	Agricultural Technical Cooperation (農業協力計画)	Not signed	
Brazil	1978	Fishery Resources Survey (水産資源調査 (陸上調査))	Not signed	
Malaysia	1978 - 79	Water Resource Development in the Eastern Part of Sabah (サバ州東部水資源開発計画)		
Iran	1978 - 79	Urban Transport Development in Teheran (テヘラン都市交通)	Not signed	Negotiations fell through on the scope of the study.
Iraq	1979	Broadcasting Network Development (放送網整備計画)		
Colombia	1979	Integrated Transport Development in the Orinoco Valley (オリノコ河流域総合交通計画)		
United Arab Emirates	1979	Orchard Development ( (長期調査) 果樹園建設計画)	Not signed	
Pakistan	1980	Road Development (道路建設計画)		
Indonesia	1980	Mahunda Timber Processing and Marketing Estate Project (マlundタ木材加工流通団地計画)	Not signed	
Indonesia	1980	Assistance for Increased Paddy Production (米増産協力調査)	Not signed	
Philippines	1980 - 81	Lower Cotabato River Basin Development (コタバト河下流域開発計画)		
Indonesia	1980 - 82	Utilization of Unutilized Tree Species (Asahan) (アサハン) 未利用樹利用開発計画)	Not signed	
Sri Lanka	1981	Rice Bran Oil Mill Project (米ぬか油製造計画)	Not signed	
Thailand	1981	Agricultural Cooperation (農業協力調査)	Not signed	
Venezuela	1981 - 82	Valencia Lake Development (バレンシア湖開発計画)	Not signed	Negotiations fell through on the scope of the study.
Bangladesh	1982	Integrated Development of Dhaka City (ダッカ市総合開発計画)		
Thailand	1982	System Development for the Poverty Eradication Program (貧困撲滅計画システム)		
Thailand	1982	Agricultural Cooperation for Northeastern Thailand (東北タイ農業協力調査)	Not signed	
Kenya	1982	Bula East Irrigation Project (ブライースト灌漑計画)	Not signed	
Zambia	1982	State Farm Development Project (カンピロンピロステートファーム開発計画)	Not signed	
Myanmar	1982 - 83	Railway Development Program (鉄道整備計画)		
Burkina Faso	1982 - 83	Sebba - Gorom-Gorom Road Development (セバ・ゴロムゴロム道路建設計画)	Not signed	Coup d'etat
Philippines	1983	Telecommunication Development in Southern Luzon (南部ルソン電気通信網整備計画)		
Thailand	1983	New Railway Link between the Eastern and Northeastern Lines (東線・東北線連絡鉄道新線計画)		
Tanzania	1983	Chalinze - Mikumbala Road Development (チャリンゼ・ムクンバラ道路整備計画)	Not signed	Negotiations fell through on the scope of the study.
Zaire	1983	Contact Mission (開発調査コンタクトミッション)		
Pakistan	1983 - 84	Development of Karachi Airport (カラチ国際空港整備計画)		
Egypt	1983 - 84	Integrated Regional Development of the Red Sea Coastal Area (紅海沿岸総合開発)		
Iran	1983 - 84	Urban Transport and Drainage Development in Teheran (テヘラン都市交通・排水計画)	Not signed	The scope of the study was inadequately defined.
Ecuador	1983 - 84	Topographic Mapping of the Northern Costa Region (コスタ地区北部地図作成事業)	Not signed	The ban on taking the basic data out of the country.
Myanmar	1984	Hlaing River Bridge Construction (ライン河橋建設計画)	Not signed	The proposed bridge site was changed.
Jamaica	1984 - 85	Improvement of the Educational Television Network (教育テレビ放送網拡充計画)	Not signed	The request lacked a clear perspective, and the institutional arrangement to manage the proposed project was judged inadequate.



Malaysia	1985	Underground Water Resource Development in Sarawak (サラワク州地下水開発計画)	Not signed	Australian Government is cooperating on part of the proposed plan.
Colombia	1985	Bolivar Road Construction (ボリバル道路建設計画)	Not signed	The proposed road passes near the natural park, and the Colombian Government asked for the addition of environmental assessment.
China	1986	Integrated Urban Transport Development in Beijing (北京市総合都市交通計画)	Not signed	Negotiations fell through on the cost sharing of the O/D survey and others.
Madagascar	1986	Fianarantsoa Agricultural Development Project (フィアナランツォア農業開発計画)	After S/W, suspended	
Colombia	1986	Agricultural Rehabilitation in Northern Tolima (トリマ県北部農業復興計画)	Not signed	
China	1987	Integrated Urban Transport Development in Guangzhou (広州市総合都市交通計画)	Not signed	Negotiations fell through on the cost sharing of the O/D survey and others.
Philippines	1987	Infanta - Real Urban Transport Infrastructure Development (インファンタ・リアル都市開発交通施設整備計画)	Signed	F/S on the road was financed by ADB. Part of the proposed plan was taken over by another study (Real Urban Development Plan)
Mexico	1987	Long-term Telecommunication Development Program (電気通信拡充長期計画)	Not signed	Negotiations fell through on the scope of the study.
Ghana	1987	Rehabilitation of Irrigation Systems (アステュアレ地区灌漑施設修復計画)	Not signed	
Egypt	1988	Topographic Mapping of the Eastern Part of the Nile Delta (ナイルデルタ東部地形図作成)	Not signed	The project site was subsequently changed, and it was banned to take out the data out of the country.
Iran	1989	Development of a New International Airport in Teheran (テヘラン新国際空港整備計画)	Not signed	The problem of meeting the implementation schedule proposed by the Iranian Government
Iraq	1990	Improvement of Road Traffic Safety Facilities in Baghdad (バグダッド道路交通安全施設改良計画)	Not signed	Gulf War
Chile	1990	Air Pollution Control Plan in Santiago (サンチャゴ市大気汚染対策計画)	Not signed	Financed by the World Bank

## II. SUMMARY TABLES (701 Studies)

# PROJECT SUMMARY (D/D)

ASO BGD/S 401/77

Compiled Mar.1990  
Revised Mar.1992

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT		
1.COUNTRY	Bangladesh	1.SITE OR AREA		Dhaka City		1.PRESENT STATUS	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled	
2.NAME OF STUDY	Television Studio Construction Project	2.PROJECT COST		Total Cost	Local Cost			Foreign Cost
3.SECTOR	Communications & Broadcasting/Broadcasting			(US\$1,000)	1)	4,708	(Description)  (FY 1991 Overseas Survey) No information is available.  (FY 1993 Domestic Survey) As of March 1982, the construction of the auditorium was completed and educational programmes were produced therein. (Information on the fund source is not available.)	
4.REFERENCE NO.				(US\$1=240yen)	2)			
5.TYPE OF STUDY	D/D	3.CONTENTS OF MAJOR PROJECT(S)		3)				
6.COUNTERPART AGENCY	Ministry of Information and Broadcasting	Detailed Design for a four-story auditorium (total floor area : 3,926m <sup>2</sup> ) located at Dhaka City is to be carried out for the purpose of spreading education as well as advancing culture of Bangladesh. Main facilities are mentioned as follows: I. Architecture (Main Rooms) 1) Audience seats area 530m <sup>2</sup> 2) Stage 660m <sup>2</sup> 3) Sub-Control Room 64m <sup>2</sup> 4) Projector Room 19m <sup>2</sup> 5) Offices 39m <sup>2</sup> 6) Canteen 76m <sup>2</sup> 7) Air-conditioning Room 384m <sup>2</sup> II. Building Equipment Work 1) Plumbing & Sanitary Installation 2) Electrical Installation 3) Air-conditioning Installation III. Broadcasting Facilities 1) Program Production Facilities 2) Stage & Lighting Facilities 3) Public Addressing Facilities & Others IV. Structure Reinforced concrete (Procenium Arch: Combination structure)						
7.OBJECTIVES OF STUDY	Detailed design of an auditorium for the television studio	8.DATE OF S/W		Apr.1977		Imp. Period:		
9.CONSULTANT(S)	Japan Engineering Consultants Co., Ltd.	4.FEASIBILITY AND ITS ASSUMPTIONS		Feasibility: Yes/No	EIRR1) EIRR2) EIRR3)	FIRR1) FIRR2) FIRR3)		
10.STUDY TEAM	No.of Members 7 Period Jul.1977-Mar.1978 (8 months)  Total M/M          Japan          Field	Conditions and Development Impacts: I. Prior Conditions 1) No inflation is not considered. 2) Exchange Rate : TK1.00=16Yen 3) Materials : Aggregates and bricks shall be supplied in Bangladesh. Most of others shall be imported from Japan 4) Temporary Work: Machine and tools including generators, welding machines, unit steel scaffolds, truck cranes, etc. shall be brought into Bangladesh from Japan. II. Development Impacts. The use of the above auditorium for the following purposes will contribute to spreading and education, advancing culture of Bangladesh, and in its twin developing the society and economy. 1) National occasion, conference, TV dramas, viewer participation shows folk music, etc. 2) Movie projection, educational programme production, etc.  (FY 1993 Domestic Survey)				2.MAJOR REASONS FOR PRESENT STATUS		
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY		5.technical transfer						
12.EXPENDITURE	Total 77,992 (¥'000) Contracted					3.PRINCIPAL SOURCE OF INFORMATION		
						①②		

和名 テレビジョンスタジオ建設計画

(F/S,D/D)

# PROJECT SUMMARY (F/S)

ASO BGD/A 301/79

Compiled Mar.1990  
Revised Mar.1992

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT	
1.COUNTRY	Bangladesh	1.SITE OR AREA		Project area: 24km east from Dacca covering a gross area of 59,600ha		1.PRESENT STATUS	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input checked="" type="checkbox"/> Implementing <input type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled
2.NAME OF STUDY	Narayanganj-Narsingdi Irrigation Project	2.PROJECT COST		Total Cost	Local Cost		
3.SECTOR	Agriculture/General	(US\$1,000)	1)	60,700	29,600	31,100	(Description) 1. Demonstration Unit in the southern part Oct.1981 E/N of Japanese Grant signed (840 million yen) Mar.1984 Construction over 1,300 ha completed (Chuo Kaihatsu Corp.) 2. Construction of Irrigation Facilities Jan.1988 E/N of Japanese Grant signed (105 million yen) Sep.1988 E/N of Japanese Grant signed (536 million yen) Mar.1992 Construction over 2,230 ha completed (Japan Engineering Consultants Co.) Feb.1989 E/N of Japanese Grant signed (76 million yen) Jun.1990 E/N of Japanese Grant signed (1,796 million yen) Aug.1991 E/N of Japanese Grant signed (977 million yen)  (FY1991 Overseas Survey) The project implementation was delayed owing to the difficulty of purchasing land.
4.REFERENCE NO.		US\$1=15Tk.	2)				
5.TYPE OF STUDY	F/S		3)				
6.COUNTERPART AGENCY	Bangladesh Water Development Board (BWDB)	3.CONTENTS OF MAJOR PROJECT(S)					
7.OBJECTIVES OF STUDY	Rice product increase through the improvement of irrigation, drainage and flood control	1.Flood Protection Embankment New Dike 35.0 km Additional Embankment 24.1 km  2.NO.1 Pumping Station Area (13,100ha) Pumping Station diameter 1,650 mm X 6 NOS. Irrigation Canal 168.7 km Drainage Canal 10.0 km  3.NO.2 Pumping Station Area (13,400ha) Pumping Station diameter 1,650 mm X 6 NOS. Irrigation Canal 186.8 km   Drainage Canal 13.7 km					
8.DATE OF S/W	Mar.1977	4.FEASIBILITY AND ITS ASSUMPTIONS					
9.CONSULTANT(S)	Japan Engineering Consultants Co., Ltd.	Feasibility:		EIRR1) 14.90	FIRR1)		
10.STUDY TEAM	No.of Members 10 Period Jul.1977-Jul.1978 (12 months)	Yes		EIRR2) 20.20	FIRR2)		
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY				EIRR3)	FIRR3)		
12.EXPENDITURE	Total 119,306 (¥000) Contracted 109,935	5.TECHNICAL TRANSFER					
						2.MAJOR REASONS FOR PRESENT STATUS	
						3.PRINCIPAL SOURCE OF INFORMATION	
						①②	

和名 N-N地区かんがい計画

(F/S,D/D)

# PROJECT SUMMARY (F/S)

ASO BGD/S 301/84

Compiled Mar.1988  
Revised Mar.1993

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT	
1.COUNTRY	Bangladesh	1.SITE OR AREA	Road between Dhaka and Chittagong			1.PRESENT STATUS	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input checked="" type="checkbox"/> Implementing <input type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled
2.NAME OF STUDY	Meghna-Gumti Bridges Construction Project	2.PROJECT COST	Total Cost	Local Cost	Foreign Cost		
3.SECTOR	Transportation/Fish Processing		(US\$1,000)                      1)                      66,000                      37,000			(Description) (1) Meghna Bridge: Length 930m Apr.1985 E/N of grant aid signed (191 million yen) Oct.1986 E/N of grant aid signed (1,195 million yen) Aug.1987 E/N of grant aid signed (1,986 million yen) Sep.1988 E/N of grant aid signed (1,999 million yen) Jul.1989 E/N of grant aid signed (1,936 million yen) Jun.1990 E/N of grant aid signed (841 million yen)  (FY 1991 Overseas Survey) (1) Meghna Bridge: Mar.1987-Feb.1991 Construction works Feb.1991 Construction completed May.1991 Opening Ceremony was held. (2) Meghna-Gumti Bridge 1991 E/N of grant aid signed (8,203 million yen) Mar.1993 Under construction	
4.REFERENCE NO.		3.CONTENTES OF MAJOR PROJECT(S)	(US\$1=230Yen)                      2)				
5.TYPE OF STUDY	F/S		3)				
6.COUNTERPART AGENCY	Roads and Highway Dept., MOC	The Meghna River (about 830m wide) and the Meghna-Gumti River (about 1,360m wide) cross the Dhaka-Chittagong Highway about 25km and 40km east of Dhaka, respectively, where the Roads and Highways Department (RHD) provides mechanised ferry services. As the waiting time of vehicles for the ferries has increased, RHD has expanded the ferry arrangements to accommodate the increased traffic demand. However the necessity of ferry improvements will arise with the continuously increasing traffic. It is urgent to construct two bridges across these rivers which will complete the 380km long Aricha-Dhaka-Chittagong Highway, and the Dhaka-Chittagong Highway will be connected with the land transportation. The bridges are Meghna Bridge 930m and Meghna Gumti Bridge 1,480m respectively.					
7.OBJECTIVES OF STUDY	Construction of bridges	Imp. Period: Mar.1987-Feb.1991					
8.DATE OF S/W	Dec.1983	4.FEASIBILITY AND ITS ASSUMPTIONS	Feasibility: Yes	EIRR1) 12.40                      FIRR1) EIRR2)                                      FIRR2) EIRR3)                                      FIRR3)			
9.CONSULTANT(S)	Pacific Consultants International Nippon Koei Co., Ltd.	Conditions and Development Impacts: On the assumption that the two bridges are constructed. By construction of these two bridges, people will be able to make a day's trip between Dhaka and Chittagong which is the second largest city of the Bangladesh with an international seaport.					
10.STUDY TEAM	No. of Members 11 Period Feb.1984-Mar.1985 (14 months)	(FY 1993 Domestic Survey)					
	Total M/M                      Japan                      Field 47.01                      13.78                      33.23	5. TECHNICAL TRANSFER					
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY		1) Overseas training for 2 counterparts; 2) Employment of local consultants (for the D/D); and 3) Supply of equipment and guidance (Boring machine for geological investigation)					
12.EXPENDITURE	Total                      194,993 (¥'000) Contracted                      156,339	3.PRINCIPAL SOURCE OF INFORMATION					
		①②					
2.MAJOR REASONS FOR PRESENT STATUS							
This project is ranked as top priority in the 5th National Five Year Plan.							

和名 メグナ・メグナグムティ橋建設計画

(F/S,D/D)

# PROJECT SUMMARY (F/S)

ASO BGD/S 302/85

Compiled Mar.1988  
Revised Mar.1992

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT	
1.COUNTRY	Bangladesh	1.SITE OR AREA		Parbatipur in Town, Dinajpur District		1.PRESENT STATUS	<input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="radio"/> Completed <input type="radio"/> Partially Completed <input checked="" type="checkbox"/> Delayed or Suspended <input type="radio"/> Implementing <input type="radio"/> Processing <input type="checkbox"/> Discontinued or Cancelled
2.NAME OF STUDY Establishment of Railway Carriage and Wagon Manufacturing Plant		2.PROJECT COST		Total Cost	Local Cost		
		(US\$1,000)	1)	122,000	59,000	63,000	
		(US\$1=26.0Taka)	2)				
			3)				
3.SECTOR Transportation/Railway		3.CONTENTIS OF MAJOR PROJECT(S)				(Description)  (FY 1991 Overseas Survey) From July through September 1987, Bangladesh was hit by a flood, the severest one in 40 years. As a result, railway routes were disrupted in many places and cut at more than 300 sections. Although efforts were made for the restoration, damages were caused again in 1991 by a cyclone. Under such circumstances, this project is now in suspension.  No aid is given to this sector by the World Bank and the other donor agencies, because this sector holds problems in management.	
4.REFERENCE NO.		1.Manufacturing workshop for passenger and freight cars (annual production): Total area---239,000sqm Passenger cars---120 Freight cars---900					
5.TYPE OF STUDY		2.Administrative offices and other necessary facilities: Houses for personnel---1,300					
6.COUNTERPART AGENCY Bangladesh Railway							
7.OBJECTIVES OF STUDY F/S for a passenger and freight car manufacturing workshop for Bangladesh Railway							
8.DATE OF S/W		Imp. Period: Jan.1989-Dec.1996					
9.CONSULTANT(S) Japan Railway Technical Service		4.FEASIBILITY AND ITS ASSUMPTIONS		Feasibility: Yes	EIRR1) 9.42 EIRR2) EIRR3)		FIRR1) 10.63 FIRR2) FIRR3)
10.STUDY TEAM		Conditions and Development Impacts:					
No.of Members 11 Period Nov.1984-Nov.1985 (13 months)		1.Preconditions 1) Car Production(yearly): 120 passenger cars and 900 freight cars 2) Construction site: South side of Parbatipur 3) Project life: 1986-2020(33 years)					
Total M/M                  Japan                  Field 45.49                          31.72                          13.77		2. Development impacts 1) Reduction in outflow of foreign currency due to imports 2) Development of regional industries and creation of employment opportunities 3) Stabilization of basic transport 4) Elevation of technical standards including those of related private industries					
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY None		5. TECHNICAL TRANSFER					
12.EXPENDITURE		One counterpart received training from JICA.				2.MAJOR REASONS FOR PRESENT STATUS	
Total                          132,375 (¥000)						- Shortage of domestic funds - Repeated natural disasters - Donors' reluctance to finance the project	
Contracted                  125,519						3.PRINCIPAL SOURCE OF INFORMATION	
						①②	

和名 鉄道車輛工事建設計画

(F/S,D/D)

# PROJECT SUMMARY (M/P+F/S)

ASO BGD/S 201B/87

Compiled Mar.1990  
Revised Mar.1994

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT																													
1.COUNTRY	Bangladesh	1.SITE OR AREA		Ports at Dhaka and Narayanganj		1.PRESENT STATUS	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input checked="" type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled																												
2.NAME OF STUDY	Development Project of Dhaka and Narayanganj Ports	2.PROJECT COST		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;">M/P 1)</td> <td style="width: 15%;">56,800</td> <td style="width: 15%;">Local Cost</td> <td style="width: 15%;"></td> <td style="width: 15%;">Foreign Cost</td> </tr> <tr> <td></td> <td>2)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(US\$1,000)</td> <td>F/S 1)</td> <td>9,619</td> <td></td> <td></td> <td>3,180</td> </tr> <tr> <td>(US\$1=31.5Tk)</td> <td>2)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>3)</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					M/P 1)	56,800	Local Cost		Foreign Cost		2)					(US\$1,000)	F/S 1)	9,619			3,180	(US\$1=31.5Tk)	2)						3)		
	M/P 1)	56,800	Local Cost		Foreign Cost																														
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(US\$1,000)	F/S 1)	9,619			3,180																														
(US\$1=31.5Tk)	2)																																		
	3)																																		
3.SECTOR	Transportation/Port	3.CONTENTES OF MAJOR PROJECT(S)				(Description) The government is preparing a request for a ven loan. The Planning Commission of the Government of Bangladesh instructed BIWTA to prepare a project paper for the combination of Carqo Handling Facilities and Container Terminal Projects in April 1991. The request for the CECF Loan of FY1992 of GOJ has been submitted to GOJ by GOB at the end of October 1991.  As of Mar. 1994: The Government of Bangladesh has decided to implement the Development Project of Dhaka Port, combining this project and the Development Project of Container Terminal at Dhaka-Narayanganj Port. The OECF carried out a project formation promoting survey during Sep.- Nov., 1992, dispatched an appraisal mission and agreed on the minutes of E/S in Dec. 1992. OECF signed L/A on Dhaka Port Development Project (179 million ven, E/S). By this loan, review of the previous study, D/D and cost estimation are to be conducted.  (FY 1992 Overseas Survey) Waiting for the answer.  (FY 1993 Domestic Survey) Nov., 1992, despatched an appraisal mission and agreed on minutes of E/S in Dec. 1992. Then, L/A was included.  As of Dec. 1993: Proposals for the E/S will be submitted to BIWTA FROM CONSULTANTS BY THE END OF Jan. 1994 based on the announcement of the tender schedule from BIWTA.																													
4.REFERENCE NO.		<M/P> The study identified the long-term development plan ending 2005 with the following proposals. - 12 wharves for general cargo - 4 wharves for containerized cargo - Passenger terminal for medium- to long-distance travels to alleviate the congestion of the existing terminal  <F/S> The short-term development plan: - 4 floating wharfs for general cargo - 2 warehouses - open yard, and access roads - new handling equipment																																	
5.TYPE OF STUDY	M/P+F/S																																		
6.COUNTERPART AGENCY	Bangladesh Inland Water Transport Authority																																		
7.OBJECTIVES OF STUDY	Formulation of a development plan including expansion and re-allocation of the present facilities																																		
8.DATE OF S/W	Jul.1985	Imp. Period: May.1985-.1991																																	
9.CONSULTANT(S)	Overseas Coastal Area Development Institute of Ja	4.FEASIBILITY AND ITS ASSUMPTIONS		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Feasibility:</td> <td style="width: 15%;">EIRR1)</td> <td style="width: 15%;">17.80</td> <td style="width: 15%;">FIRR1)</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>Yes</td> <td>EIRR2)</td> <td></td> <td>FIRR2)</td> <td></td> <td></td> </tr> <tr> <td></td> <td>EIRR3)</td> <td></td> <td>FIRR3)</td> <td></td> <td></td> </tr> </table>				Feasibility:	EIRR1)	17.80	FIRR1)			Yes	EIRR2)		FIRR2)				EIRR3)		FIRR3)												
Feasibility:	EIRR1)	17.80	FIRR1)																																
Yes	EIRR2)		FIRR2)																																
	EIRR3)		FIRR3)																																
10.STUDY TEAM	No.of Members 9 Period Jan.1986-Oct.1987(22 months)	Conditions and Development Impacts: <M/P>Development Impacts: - To smooth the function of port and to strengthen the function of cargo transportation - Support for the future urban development  <F/S> - No investment for expansion of the existing facilities - Cargo above the available capacity is transferred to the other transportation means. Development impacts: - Reduction of costs of waiting - Reduction of total transportation costs - Reduction of cargo handling costs by the introduction of fork lifts - Reduction of damages and pilfering of cargo  (FY 1993 Domestic Survey)																																	
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY						2.MAJOR REASONS FOR PRESENT STATUS																													
12.EXPENDITURE	Total 156,692 (¥'000) Contracted 158,599	5.technical transfer				Prepared a report in cooperation with counterpart.  3.PRINCIPAL SOURCE OF INFORMATION ①②																													

和名 ダッカ・ナラヤンガンジ港整備計画

(M/P+F/S)

## PROJECT SUMMARY (F/S)

ASO BGD/S 303/87

Compiled Mar.1990  
Revised Mar.1993

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT		
<b>1.COUNTRY</b>	Bangladesh	<b>1.SITE OR AREA</b>				<b>1.PRESENT STATUS</b>	<input checked="checked" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input checked="checked" type="checkbox"/> Implementing <input type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled	
<b>2.NAME OF STUDY</b>	Water Drainage System Improvement Project in Dhaka City	Dhaka City						
<b>3.SECTOR</b>		<b>2.PROJECT COST</b>		Total Cost	Local Cost	Foreign Cost		
Social Infrastructures/River & Erosion Control		(US\$1,000)		1) 67,000	34,000	33,000		
		US\$1=150Yen		2)				
				3)				
<b>4.REFERENCE NO.</b>		<b>3.CONTENTS OF MAJOR PROJECT(S)</b>				<b>(Description)</b> The updating study of this study was conducted after the record maximum floods of 1988 floods (70 year frequency). A portion of the urgent project which was proposed by the updating study is being implemented by the JICA grant aid from fiscal year 1990 to 1992 (one pump station and drainage channel improvement of 4.1 km).  (FY1991 Overseas Survey) National wide flood policy study was conducted by the international organization and each donors. The east part of Dhaka City was assigned to Japan, and the western part was assigned to ADB. The project of the eastern part is called FAP8A and is scheduled to be completed by May 1992. The project of the western part is called FAP8B. The L/A was signed for the rehabilitation of dike, improvement of drainage channel in the city, and construction of pumping station.  (FY1992 Overseas Survey) Waiting for the answer.		
<b>5.TYPE OF STUDY</b>		- Dike: H=6m, total length-4,800m - Pump Station: Rehabilitation 9.6m3/sec(1site) New Construction 9.2m3/sec(1site)						
<b>6.COUNTERPART AGENCY</b>		- Gates: W-6m, H-6m (2 sites) - Khals: Improvement: total length 13.1km - Drainage Pipes: Construction 12.5km						
<b>7.OBJECTIVES OF STUDY</b>		Dept. of Public Health Engineering						
Flood control and storm water drainage improvement of Dhaka city								
<b>8.DATE OF S/W</b>		<b>Imp. Period:</b> Apr.1989-Mar.1993						
<b>9.CONSULTANT(S)</b>		<b>4.FEASIBILITY AND ITS ASSUMPTIONS</b>		Feasibility:	EIRR1) 17.10			FIRR1)
Pacific Consultants International		Yes		EIRR2)				FIRR2)
				EIRR3)				FIRR3)
<b>10.STUDY TEAM</b>		<b>Conditions and Development Impacts:</b>						
No.of Members 11 Period Nov.1986-Nov.1987(14 months)		<b>Conditions:</b> - Future runoff was estimated based on land use forecast in 2005 - Flood area and flood damage cost was estimated based on existing data as well as direct interview survey with residents. - Flood water level of the rivers with a 30 year frequency is employed for the design of dike and gates. 2-days consecutive rainfall with a 5-year frequency is employed for the design of pump station, Khal improvements and drainage pipes.  <b>Development Impact:</b> The project area, protected from external floods by construction of dike, will be protected from internal flood by construction of pump station and drainage pipes and khal rehabilitations.						
Total M/M      Japan      Field 50.48              20.26              30.22								
<b>11.ASSOCIATED AND/OR SUBCONTRACTED STUDY</b>								
<b>12.EXPENDITURE</b>		<b>5. TECHNICAL TRANSFER</b>						
Total 170,915 (¥000)		1) Hold a Seminar on flood protection planning(2days); 2) Use of local consultants for field survey (3months); 3) Guidance of O/M of rain gauge and water level gauge						
Contracted 153,257								
		<b>2.MAJOR REASONS FOR PRESENT STATUS</b>						
		Implementation of this project became very urgent after the major floods in 1988.						
		<b>3.PRINCIPAL SOURCE OF INFORMATION</b>						
		①②						

和名 ダッカ市雨水排水施設整備計画

(F/S,D/D)



# PROJECT SUMMARY (F/S)

ASO BGD/A 302/88

Compiled Mar.1990  
Revised Mar.1992

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT			
1.COUNTRY	Bangladesh	1.SITE OR AREA				1.PRESENT STATUS	<input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="radio"/> Completed <input type="radio"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input type="radio"/> Implementing <input type="radio"/> Processing <input checked="" type="checkbox"/> Discontinued or Cancelled		
2.NAME OF STUDY	North Rajshahi Irrigation Project	Whole area: 72,270 ha in northwest of Rajshahi City Irrigable area: 51,200 ha out of the whole area							
3.SECTOR	Agriculture/General	2.PROJECT COST		Total Cost	Local Cost	Foreign Cost			
4.REFERENCE NO.		(US\$1,000)	1)	151,000	79,800	71,200			
5.TYPE OF STUDY	F/S		2)						
6.COUNTERPART AGENCY	Bangladesh Water Development Board (BWDB)		3)						
7.OBJECTIVES OF STUDY	Feasibility study on the improvement of invigation and drainage systems including agricultural plan	3.CONTENTIS OF MAJOR PROJECT(S)				(Description) In 1990, the Government of Bangladesh requested for an OECF loan to implement the irrigation development over 9,000 ha, but the OECF survey mission concluded that the project was premature for financing.  (FY1991 Overseas Survey) The economic viability of large-scale pump irrigation schemes are increasingly considered doubtful vis-a-vis the country's vulnerability to frequent floods. Other aqricultural projects under implementation elsewhere are encountering the difficulty of purchasing land for irrigation development. The Government of Bangladesh thus withdrew the OECF application for the proposed project.			
8.DATE OF S/W	Feb.1987	Imp. Period: Jul.1987-Jun.1988							
9.CONSULTANT(S)	Sanyu Consultants Inc. Taiyo Consultants Co., Ltd.	4.FEASIBILITY AND ITS ASSUMPTIONS		Feasibility: Yes	EIRR1) 18.40 EIRR2) EIRR3)			FIRR1) 13.60 FIRR2) FIRR3)	
10.STUDY TEAM	No.of Members 12 Period Jul.1987-Jun.1988(11 months)	Conditions and Development Impacts: The project will increase the rice production in the whole project areas from 58,000 ton/year to 303,000 ton/year, which is about 4.9 times as much as the present situation. This is caused by all-year-round irrigation and improvement of farming technology. Apart from this, wheats, vegetables and sugar canes will be improved in their production amount. These production increase results in the improvement of typical farmers' (farming scale, 1.7 ha) income from 21,000 Tak/year of without-project case to 58,000 Tak/year of with-project case, which is about 2.76 times.							
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY									
12.EXPENDITURE	Total 222,324 (¥000) Contracted 211,428	5.technical transfer						2.MAJOR REASONS FOR PRESENT STATUS Supply of electricity to the large-scale pump facilities in the project was a main barrier to the realization of the project.	
		The technical transfer was given in the joint field survey with counterpart staffs and two of them were invited to the seminar in Japan.							
								3.PRINCIPAL SOURCE OF INFORMATION ①②	

和名 ラジシャヒ北部かんがい計画

(F/S,D/D)

# PROJECT SUMMARY (M/P)

ASO BGD/A 101/89

Compiled Mar.1991  
Revised Mar.1993

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDY RESULTS																																															
<b>1.COUNTRY</b>	Bangladesh	<b>1.SITE OR AREA</b>			<b>1.PRESENT STATUS</b>	<input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued																																														
<b>2.NAME OF STUDY</b>	Model Rural Development Project for Homna and Dandkandi Upazila Comilla District	Homna Sub-district and Daudkandi Sub-district																																																		
<b>3.SECTOR</b>	Agriculture/General	<b>2.PROJECT COST</b>			<b>(Description)</b> The project was implemented as a grant aid. (by Taiyo Consultants Co., Ltd.)  (FY1991 Overseas Survey) The Government of Bangladesh has applied for a grant aid. The B/D was conducted in the first half of the year 1991. The E/N (Phase I) of the grant aid was signed in Feb. 1992.  (FY1992 Overseas Survey) Waiting for the answer.																																															
<b>4.REFERENCE NO.</b>		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 20%; text-align: center;">Total Cost</td> <td style="width: 20%; text-align: center;">Local Cost</td> <td style="width: 20%; text-align: center;">Foreign Cost</td> <td style="width: 10%;"></td> </tr> <tr> <td>(US\$1,000)</td> <td style="text-align: center;">1)</td> <td style="text-align: center;">121,000</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">2)</td> <td></td> <td></td> <td></td> </tr> </table>						Total Cost	Local Cost	Foreign Cost		(US\$1,000)	1)	121,000				2)																																		
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	2)																																																			
<b>5.TYPE OF STUDY</b>	M/P	<b>3.CONTENTS OF MAJOR PROJECT(S)</b>																																																		
<b>6.COUNTERPART AGENCY</b>	LGBB BRDB	<p>The Model Rural Development Project for Homna and Daudkandi Upazilas is aimed to increase employment opportunities and incomes of rural poors through expanded production in agriculture, inland fisheries and rural industries. For this end, the Project constructs the following infrastructures and undertakes measures for strengthening and modernization of cooperatives.</p> <p>(1) UCCA related works</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>- UCCA building</td><td style="text-align: right;">2 nos</td><td></td><td></td></tr> <tr><td>- Agriculture Modernization Center</td><td style="text-align: right;">2 nos</td><td></td><td></td></tr> <tr><td>- Inland Fish Center</td><td style="text-align: right;">2 nos</td><td></td><td></td></tr> <tr><td>- Godown cum Community Center</td><td style="text-align: right;">143 nos</td><td></td><td></td></tr> </table> <p>(2) Infrastructure development</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>- Re-excavation of irrigation canal</td><td style="text-align: right;">143 km</td><td></td><td></td></tr> <tr><td>- Low lift pump</td><td style="text-align: right;">341 nos</td><td>- Floating pump</td><td style="text-align: right;">5 nos</td></tr> <tr><td>- Feeder road A</td><td style="text-align: right;">18 km</td><td>- Feeder road B</td><td style="text-align: right;">140 km</td></tr> <tr><td>- Rural road</td><td style="text-align: right;">83 km</td><td>- Bridge</td><td style="text-align: right;">144 nos</td></tr> <tr><td>- Growth center</td><td style="text-align: right;">8 nos</td><td>- Hat market</td><td style="text-align: right;">34 nos</td></tr> <tr><td>- Fish pond improvement</td><td style="text-align: right;">4500 nos</td><td></td><td></td></tr> <tr><td>- School improvement</td><td style="text-align: right;">31 nos</td><td></td><td></td></tr> <tr><td>- Drinking water supply</td><td style="text-align: right;">676 nos</td><td></td><td></td></tr> </table> <p>The Project will be implemented in three stages. The total cost is estimated at 6,253 million Taka, of which 1,630 million Taka is appropriated for the first stage priority project.</p>			- UCCA building	2 nos			- Agriculture Modernization Center	2 nos			- Inland Fish Center	2 nos			- Godown cum Community Center	143 nos			- Re-excavation of irrigation canal	143 km			- Low lift pump	341 nos	- Floating pump	5 nos	- Feeder road A	18 km	- Feeder road B	140 km	- Rural road	83 km	- Bridge	144 nos	- Growth center	8 nos	- Hat market	34 nos	- Fish pond improvement	4500 nos			- School improvement	31 nos			- Drinking water supply	676 nos		
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- Drinking water supply	676 nos																																																			
<b>8.DATE OF S/W</b>	Feb.1988	<b>4.CONDITIONS AND DEVELOPMENT IMPACTS</b>			<b>2.MAJOR REASONS FOR PRESENT STATUS</b> This is integrated into the forth Five-Year Plan.																																															
<b>9.CONSULTANT(S)</b>	Nippon Koel Co., Ltd. Taiyo Consultants Co., Ltd.	<p>Condition: The economic internal rate of return of the Project is estimated at 20%.</p> <p>Development Impacts: The Project will generate long term employments for 80,000 persons (20 million man day per annum). Besides, the construction works under the Project will employ 20,000 labourers every year during nine years of the project implementation period. The employment ratio will be improved from 41% in 1988 to 63% in 1999.</p>																																																		
<b>10.STUDY TEAM</b>	No.of Members 10 Period Oct.1988-Sep.1989(12 months)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 20%; text-align: center;">Japan</td> <td style="width: 20%; text-align: center;">Field</td> <td style="width: 20%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td>Total M/M</td> <td style="text-align: center;">21.33</td> <td style="text-align: center;">24.87</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">46.20</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Japan	Field			Total M/M	21.33	24.87			46.20																																			
	Japan	Field																																																		
Total M/M	21.33	24.87																																																		
46.20																																																				
<b>11.ASSOCIATED AND/OR SUBCONTRACTED STUDY</b>		<b>5.TECHNICAL TRANSFER</b>			<b>3.PRINCIPAL SOURCE OF INFORMATION</b>																																															
<b>12.EXPENDITURE</b>		Technology transfer to counterparts in the course of the study.			①②																																															
	Total 143,620 (¥'000) Contracted 136,092																																																			

和名 モデル農村開発計画

(M/P,Basic Study,Other)

# PROJECT SUMMARY (F/S)

ASO BGD/S 305/89

Compiled Mar.1991  
Revised Mar.1993

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT					
1.COUNTRY	Bangladesh	1.SITE OR AREA	chittagong			1.PRESENT STATUS	<input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="radio"/> Completed <input type="radio"/> Partially Completed <input checked="" type="checkbox"/> Delayed or Suspended <input type="radio"/> Implementing <input type="radio"/> Processing <input type="checkbox"/> Discontinued or Cancelled				
2.NAME OF STUDY	Optimization of Capacity Utilization and Improvement of Performance of Chittagong Dry Dock	2.PROJECT COST	Total Cost	Local Cost	Foreign Cost						
3.SECTOR	Transportation/Marine Transportation & Ships		(US\$1,000)    1)    8,972	3,306	5,665	(Description)  (FY1992 Overseas Survey) Waiting for the answer.					
4.REFERENCE NO.			(US\$1=32.3 Taka)    2)								
5.TYPE OF STUDY	F/S	3.CONTENTES OF MAJOR PROJECT(S)	3)								
6.COUNTERPART AGENCY	Bangladesh Steel & Engineering Corporation (BSEC)	(1) Slipway for small ship repair 18.30m X 145.00m (2) Galvanizing Shop and Machinery and Equipment (3) Plan of service capacity 1989/90 21 ships per year 2002/03 39 ships per year 2012/13 49 ships per year (4) Biggest size of ship is 16,500 DWT cargo vessel.									
7.OBJECTIVES OF STUDY	Study for the optimization of capacity utilization and improvement of performance of Chittagong Dry Dock Ltd.										
8.DATE OF S/W	Aug.1988							Imp. Period:	Jul.1992-Jul.1994		
9.CONSULTANT(S)	Joint Venture/ Overseas Ships Building Cooperation Center Mitsui Engineering & Shipbuilding Co., Ltd.							4.FEASIBILITY AND ITS ASSUMPTIONS	Feasibility: Yes	EIRR1) 27.00 EIRR2) EIRR3)	FIRR1) 12.40 FIRR2) FIRR3)
10.STUDY TEAM	No.of Members 8 Period Mar.1989-Feb.1990 (11 months)	Conditions and Development Impacts: Development Impacts: 1.expected FIRR 12.4%    expected EIRR 27.0% 2.Increase of employment 130 direct employees, 180 sub-workers 3.Development of the related industries The project will contribute to a development and progress of the domestic related industries dealing with various materials and equipment required for daily operation of the shipyard.  (FY 1993 Domestic Survey)									
	Total M/M                  Japan                  Field 45.04                          29.17                          15.87										
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY	Study of the Repair Shipyard in Singapore (Result of Repair and Technical Assistant)							2.MAJOR REASONS FOR PRESENT STATUS Because of internal problems within Bangladesh			
12.EXPENDITURE	Total 142,288 (¥000) Contracted 133,898	5. TECHNICAL TRANSFER				3.PRINCIPAL SOURCE OF INFORMATION ①②					
		Technical training for the counterparts was carried out by JICA's expense during this study									

和名 チッタゴン造船所整備計画

(F/S,D/D)

# PROJECT SUMMARY (F/S)

ASO BGD/S 304/89

Compiled Mar.1991  
Revised Mar.1993

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT	
1.COUNTRY	Bangladesh	1.SITE OR AREA				1.PRESENT STATUS	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input checked="" type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled
2.NAME OF STUDY	Development of Chittagong Airport	Chittagong Airport					
3.SECTOR	Transportation/Air Transportation & Airport	2.PROJECT COST		Total Cost	Local Cost	(Description)  July. 1991 OECF Appraisal Mission Sep. 1993 OECF L/A signed (333 million yen) Development Project of Chittagong Airport (E/S) (FY1991 Overseas Survey) The investment interest of Japanese enterprises in the export processing zone becomes bigger. The needs to construct the international airport there is high.  (FY1992 Overseas Survey) Waiting for the answer.	
4.REFERENCE NO.		(US\$1,000)	1)	52,598	11,748		
5.TYPE OF STUDY	F/S	US\$1=Taka 32.2		2)			
6.COUNTERPART AGENCY	Ministry of Civil Aviation and Tourism Civil Aviation Authority of Bangladesh	3) 3)		3.CONTENTES OF MAJOR PROJECT(S)			
7.OBJECTIVES OF STUDY	Preparation of a feasibility study on the improvement of existing Chittagong Airport			-Overlay of runway and rearrangement of runway strip in compliance of ICAO standards -Construction of new terminal area (parking apron (B747:1, DC10:1, B737:2), taxiway, passenger terminal building (5,400 sq.m), cargo building (2,000 sq.m), control tower, car park (280 cars), access road and public utilities) -Installation of air navigation facilities (lighting, radio, communications and meteorological facilities) -Storm Water Drainage			
8.DATE OF S/W	Aug.1988	Imp. Period: .1990-.1994					
9.CONSULTANT(S)	Pacific Consultants International	4.FEASIBILITY AND ITS ASSUMPTIONS		Feasibility: Yes	EIRR1) 15.00 EIRR2) EIRR3)		
10.STUDY TEAM	No.of Members 7 Period Nov.1988-Sep.1989(11 months)  Total M/M          Japan          Field 33.56                  18.34                  15.22	Conditions and Development Impacts:				2.MAJOR REASONS FOR PRESENT STATUS  -Financial difficulties due to the shortage of foreign currency -The accumulated debt	
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY	Topographic Survey/Soil investigation	-Contribution to calamity preparedness as a major relief base -Improvement of user convenience and activation of regional economy by solving the capacity problem of air transportation -Enhancement of foreign investment by improved access to export processing zone -Increase in employment opportunities -Stimulation of international tourism development -Assurance of air transport safety -Reliability of air transport can be assured because Chittagong Airport would serve as an alternate airport of Zia International Airport					
12.EXPENDITURE	Total 113,684 (¥000) Contracted 103,590	5. TECHNICAL TRANSFER		1) Planning and design of airport facilities; 2) Evaluation method of aircraft noise on surrounding area; 3) Economic and financial assessment of airport project		3.PRINCIPAL SOURCE OF INFORMATION  ①②	

和名 チッタゴン国際空港開発計画

(F/S,D/D)

# PROJECT SUMMARY (F/S)

ASO BGD/S 306/89

Compiled Mar.1991  
Revised Mar.1993

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDIED PROJECT																						
1.COUNTRY	Bangladesh	1.SITE OR AREA	Total project area is 134.9 sq.km including 45.9 sq.km of urgent area of Dhaka City			1.PRESENT STATUS	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled																				
2.NAME OF STUDY	Storm Water Drainage System Improvement Project in Dhaka City (updating study)	2.PROJECT COST						<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"></td> <td style="width: 10%; text-align: center;">1)</td> <td style="width: 15%; text-align: center;">Total Cost</td> <td style="width: 15%; text-align: center;">Local Cost</td> <td style="width: 15%; text-align: center;">Foreign Cost</td> </tr> <tr> <td style="text-align: center;">(US\$1,000)</td> <td></td> <td style="text-align: center;">41,500</td> <td style="text-align: center;">20,100</td> <td style="text-align: center;">21,400</td> </tr> <tr> <td>US\$1=32.2TK=141Yen</td> <td style="text-align: center;">2)</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">3)</td> <td></td> <td></td> <td></td> </tr> </table>			1)	Total Cost	Local Cost	Foreign Cost	(US\$1,000)		41,500	20,100	21,400	US\$1=32.2TK=141Yen	2)					3)	
	1)	Total Cost	Local Cost	Foreign Cost																							
(US\$1,000)		41,500	20,100	21,400																							
US\$1=32.2TK=141Yen	2)																										
	3)																										
3.SECTOR	Social Infrastructures/River & Erosion Control	3.CONTENT(S) OF MAJOR PROJECT(S)	The purpose of this project is to improve the drainage condition of Dhaka city which is located in the estuary delta area surrounded by the Ganqas, Brahmaputra and Meghna rivers. The proposed storm water drainage facilities are categorized into two (2) phases, i.e 1) Phase I program and 2) Urgent Project taking into account the priority sequency of the drainage system. The facilities of the Urgent Project are selected from the Phase I program which include On-going Project by the Bangladesh government and other low priority facilities. The urgent project facilities are shown below: <table style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th style="width: 20%;">Facility</th> <th style="width: 20%;">Phase I Program</th> <th style="width: 20%;">Urgent Project</th> </tr> </thead> <tbody> <tr> <td>1) Pump Station</td> <td>1 Place 10 m3/s</td> <td>1 Place 10 m3/s</td> </tr> <tr> <td>2) Gate</td> <td>1 Place</td> <td>1 Place</td> </tr> <tr> <td>3) Khal Improvement</td> <td>7,200m</td> <td>7,200m</td> </tr> <tr> <td>4) Brick Revetment</td> <td>1,000m</td> <td>1,000m</td> </tr> <tr> <td>5) Box Culvert</td> <td>5,800m</td> <td>2,200m</td> </tr> <tr> <td>6) Bridges</td> <td>5 Place</td> <td>5 Place</td> </tr> </tbody> </table> A part fo Urgent Project was implimented in Feb. 1993 by the Japanese Grant Aid Program.			Facility	Phase I Program	Urgent Project	1) Pump Station	1 Place 10 m3/s	1 Place 10 m3/s	2) Gate	1 Place	1 Place	3) Khal Improvement	7,200m	7,200m	4) Brick Revetment	1,000m	1,000m	5) Box Culvert	5,800m	2,200m	6) Bridges	5 Place	5 Place	(Description)  A portion of the urqent project composed of one pump station and improvement of drainage channel (4.1km) is being implemented by the JICA grand aid from FY1990 to 1992.  Feb. 1993. Project completed. All facilities and services have been transferred to the Government of Bangladesh.
Facility	Phase I Program	Urgent Project																									
1) Pump Station	1 Place 10 m3/s	1 Place 10 m3/s																									
2) Gate	1 Place	1 Place																									
3) Khal Improvement	7,200m	7,200m																									
4) Brick Revetment	1,000m	1,000m																									
5) Box Culvert	5,800m	2,200m																									
6) Bridges	5 Place	5 Place																									
4.REFERENCE NO.		5.TYPE OF STUDY	F/S																								
6.COUNTERPART AGENCY	Dhaka Water Supply and Sewerage Authority (DWASA)	7.OBJECTIVES OF STUDY	-To update th JICA's previous study(1987) -To propose the urgent program																								
8.DATE OF S/W	Jul.1989	8.DATE OF S/W					Imp. Period: Nov.1990-Mar.1993																				
9.CONSULTANT(S)	Pacific Consultants International	4.FEASIBILITY AND ITS ASSUMPTIONS	Feasibility: Yes	EIRR1) 9.30 EIRR2) EIRR3)	FIRR1) FIRR2) FIRR3)	2.MAJOR REASONS FOR PRESENT STATUS  Implementation of this project became very urgent after the major flood in 1988.																					
10.STUDY TEAM	No.of Members 7 Period Jul.1989-Jan.1990 (7 months)  <table style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th style="width: 30%;">Total M/M</th> <th style="width: 30%;">Japan</th> <th style="width: 30%;">Field</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">22.00</td> <td style="text-align: center;">10.40</td> <td style="text-align: center;">11.60</td> </tr> </tbody> </table>	Total M/M	Japan	Field	22.00		10.40	11.60	Conditions and Development Impacts: Conditions -Foreign financial aid is necessary -Urgent implementation is necessary in coordination with other related flood control and drainage improvement projects -Appropriate land use is necessary  Development Impacts -To protect the area from internal flooding -To enhance beneficial land use -To activate economic activity -To improve sanitary conditions  Note: B/C ratio 1.90  (FY 1993 Demestic Survey)																		
Total M/M	Japan	Field																									
22.00	10.40	11.60																									
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY	Topographic Survey Geological Investigation	5.technical transfer	Technical transfer was conducted during the site study.			3.PRINCIPAL SOURCE OF INFORMATION  ①②																					
12.EXPENDITURE	<table style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td style="width: 30%;">Total</td> <td style="width: 30%; text-align: right;">77,691 (¥'000)</td> </tr> <tr> <td>Contracted</td> <td style="text-align: right;">75,600</td> </tr> </table>	Total	77,691 (¥'000)	Contracted	75,600																						
Total	77,691 (¥'000)																										
Contracted	75,600																										

和名 ダッカ市雨水排水施設整備計画 (アフターケア)

[F/S,D/D]

# PROJECT SUMMARY (F/S)

ASO BGD/S 307/90

Compiled Mar.1992  
Revised Mar.1993

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT		
1.COUNTRY	Bangladesh	1.SITE OR AREA		Pangaon site on the south bank of the Buriganga River in Dhaka Port		1.PRESENT STATUS	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input checked="" type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled	
2.NAME OF STUDY		2.PROJECT COST		Total Cost	Local Cost			Foreign Cost
Development Project of Container Terminal at Dhaka-Narayanganj Port.		(US\$1,000)		1)	46,381	16,970	29,411	
				2)				
				3)				
3.SECTOR		3.CONTENTES OF MAJOR PROJECT(S)				(Description)  - Planning Commission of GOB instructed BIWTA to prepare a project paper for the combination of Cargo Handling Facilities and Container Terminal Projects in Apr. 1991. - The Feasibility Study was approved officially by GOB in Sept. 1991. - The request for Yen Loan of FY1992 of GOJ has been submitted by GOB at the end of Oct. 1991.  As of Mar. 1993: The Government of Bangladesh has decided to implement the Development Project of Dhaka Port, combining this project and the Development Project of Dhaka and Narayanganj Port. The OECF carried out a project formation promoting survey during Sep.- Nov. 1992, dispatched an appraisal mission and agreed on the minutes of E/S in Dec. 1992. L/A is in preparation.  (FY 1992 Overseas Survey) Waiting for the answer.		
Transportation/Port		* Construction of a new container terminal 1. Terminal area : 8ha 2. Berth length : 180m 3. Container gantry crane : 2 4. Straddle Carriers : 5 5. CFS : 1 shed 6. Terminal office 7. Access road : 3.6km						
4.REFERENCE NO.								
5.TYPE OF STUDY		F/S						
6.COUNTERPART AGENCY		Bangladesh Inland-waterway Transport Authority (BIWTA)						
7.OBJECTIVES OF STUDY		1) To prepare Master Plan for the development of a container terminal with a target year of 2005 and 2) Short-term Plan and F/S with a target year of 1995.						
8.DATE OF S/W		Jul.1989						
9.CONSULTANT(S)		4.FEASIBILITY AND ITS ASSUMPTIONS		Feasibility: Yes	EIRR1) 14.70 EIRR2) EIRR3)			FIRR1) 12.70 FIRR2) FIRR3)
Overseas Coastal Area Development Institute of Japan Nippon Koei Co., Ltd.		Conditions and Development Impacts: Development Impacts:						
		1. Saving of inland transport cost for containers 2. Attraction and development of export-oriented industries generated by the establishment of the new container terminal 3. Regional development in and around the proposed project site						
10.STUDY TEAM								
No.of Members 9								
Period Nov.1989-Mar.1991(16 months)								
Total M/M		Japan		Field				
68.30		36.80		31.50				
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY		5.TECHNICAL TRANSFER						
1) O/D investigation; 2) soil materials survey; 3) topographic survey and river-bed sounding		Sufficient technical transfer has been accomplished by face-to-face training from the study team members to the BIWTA's counterparts during the around 6-month stay of the members in Bangladesh.						
12.EXPENDITURE		3.PRINCIPAL SOURCE OF INFORMATION						
Total 230,015 (¥'000)		①②③						
Contracted 223,231								
		2.MAJOR REASONS FOR PRESENT STATUS						

和名 ダッカ港コンテナ・ターミナル整備計画

(F/S,D/D)

# PROJECT SUMMARY (F/S)

ASO BGD/A 303/90

Compiled Mar.1992  
Revised Mar.1993

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT	
1.COUNTRY	Bangladesh	1.SITE OR AREA				1.PRESENT STATUS	<input type="checkbox"/> Completed or in Progress <input checked="" type="checkbox"/> Promoting <input type="radio"/> Completed <input type="radio"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input type="radio"/> Implementing <input type="radio"/> Processing <input type="checkbox"/> Discontinued or Cancelled
2.NAME OF STUDY		The study area is located in 4 Upazilas : Kurigram, Bhurumqamari, Fulbari and Nageswari in the Kurigram District, adjoining of the West Bengal of India.					
Kurigram Irrigation and Food Control Project - North Unit		2.PROJECT COST		Total Cost	Local Cost	Foreign Cost	
		(US\$1,000)	1)	98,826	45,655	53,171	
		US\$=148.5yen		2)			
				3)			
3.SECTOR		3.CONTENTES OF MAJOR PROJECT(S)				(Description) During the annual meeting of 1992, Bangladesh requested an OECF loan. In Jun. 1990, OECF sent a pre-investigation mission. But did not adopt the plan as the electricity supply pain to the main pumping station was not clear. And further study and reconsideration are needed to adjust to the standard flood control policy of Bangladesh.  (FY 1992 Overseas Survey) Waiting for the answer.	
Agriculture/General		To measure plans for irrigation, river flood embankment, drainage facilities improvement and agricultural supporting systems.					
4.REFERENCE NO.		. Communal area = 32,800ha					
5.TYPE OF STUDY		. Pump station for irrigation A=29,500ha, Q=42.8bu.m/sec.					
6.COUNTERPART AGENCY		. Reversible pump station for irrigation / drainage A=3,300ha, Q=4.9cub.m/sec.					
Bangladesh Water Development Board (BWDB)		. Improvement of embankment and regulators					
7.OBJECTIVES OF STUDY		. Canals and relationship structures					
To formulate plans for irrigation and drainage development as well as flood control which will be toward the increase and improvement of agricultural products							
8.DATE OF S/W		Imp. Period: Jul.1989-Oct.1990					
Feb.1989		4.FEASIBILITY AND ITS ASSUMPTIONS		Feasibility: Yes	EIRR1) 19.70		
9.CONSULTANT(S)				EIRR2)	FIRR2)		
Taiyo Consultants Co., Ltd. Sanyu Consultants Inc.				EIRR3)	FIRR3)		
10.STUDY TEAM		Conditions and Development Impacts: The BWDB is responsible for planning and implementing irrigation, drainage and flood control, and for operation and maintenance due to the increase of agricultural products in the project area.					
No.of Members 10		Surface water irrigation facilities with pumps and canals, coupled with the reduced level of flooding due to flood control and drainage work would induce the present level of cropping intensity from 177% to 244% and also contribute to increasing employment opportunity.					
Period Jul.1989-Oct.1990(16 months)							
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY		5.technical transfer				2.MAJOR REASONS FOR PRESENT STATUS	
Topographic and canal survey Soil mechanics and boring survey Soil analysis Questionnaire survey		2 persons under BWDB received for technical training in Japan					
12.EXPENDITURE						3.PRINCIPAL SOURCE OF INFORMATION	
Total 211,998 (¥000)							
Contracted 203,192						①②	

和名 クリグラム北部灌漑排水計画

(F/S,D/D)

# PROJECT SUMMARY (M/P)

ASO BGD/A 102/91

Compiled Mar.1993  
Revised

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDY RESULTS	
1.COUNTRY	Bangladesh	1.SITE OR AREA	Kachua, Nabinagar, Bancharampur and Defidwar Upazilas, Old Comilla District		1.PRESENT STATUS	<input type="checkbox"/> In Progress or In Use <input checked="" type="checkbox"/> Delayed <input type="checkbox"/> Discontinued
2.NAME OF STUDY	The Model Rural Development Project Phase II for Kachua, Nabinagar, Bancharampur and Debidwar Upazilas	2.PROJECT COST	Total Cost	Local Cost	Foreign Cost	(Description) (1) Master Plan Study of MRDP Phase I for Homna and Daudikandi Upazilas in Old Comilla District had been executed during the period from 1986 to 1987. Grant Aid for Homna and Daudikandi Upazilas was commenced from 1992. (1992-1993) At the same time, Mini-project technical cooperation has been also executed.  (2) The Government of Bangladesh has not requested Grant Aid to the Government of Japan.  (FY 1993 Domestic Survey) (3) There is no official request up to Jan.1994.
3.SECTOR	Agriculture/General	(US\$1,000)	1) 309,469	10,771	30,446	
4.REFERENCE NO.		(US\$1,000)	2) 104,980	10,771	30,446	
5.TYPE OF STUDY	M/P	3.CONTENTS OF MAJOR PROJECT(S)				
6.COUNTERPART AGENCY	Bangladesh Rural Development Board (BRDB) Local Government Engineering Bureau (LGEB)	Master Plan (1) LLP Irrigation Development and Drainage Improvement Programme (2) Fractional Pump Promotion Programme (3) Crop Intensification and Diversification Programme (4) Farm Input Supply Programme (5) Model Farm Credit Programme (6) Semi-Intensive Fish Pond Culture Development Programme (7) Post Harvest Plants Expansion programme (8) Upazila Food Frains Marketing Programme (9) Joint Marketing Promotion Programme (10) Feeder and Rural Roads Improvement Programme (11) Growth Center Improvement Programme.				
7.OBJECTIVES OF STUDY	To formulate with long-term development strategies, the Master Plan of Model Rural Development Project Programme PhaseII (MRDP II) and to formulate the priority projects to be selected among the MRDP II.	Priority Project (1) Irrigation Development 34km ; (2) Fractional Pump 200nos. (3) Road Improve. 14.1km ; (4) UCCA 4nos. (5) Growth Center 4nos.				
8.DATE OF S/W	Dec.1989	4.CONDITIONS AND DEVELOPMENT IMPACTS				
9.CONSULTANT(S)	Nippon Koei Co., Ltd. Talyo Consultants Co., Ltd.	(Conditions) The quantified benefits consist of incremental crop and fishery production, the value accruing from the UCCA compe project and the value accruing from reduction of transportation and passengers' cost saving through the feeder Bond rural road improvement project.  (Development Impacts) - Increase of employment opportunity - Improvement of insufficient nutrition and elimination of poverty - Improve communications and transport resulting from infrastructural development.				
10.STUDY TEAM	No.of Members 11 Period Sep.1990-Aug.1991(12 months)					
	Total M/M	Japan	Field			
	57.23	21.30	35.93			
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY					2.MAJOR REASONS FOR PRESENT STATUS	
					Execution of MRDP II will be considered based on the results of the Project "Phase I for Homna and Daudikandi Upazilas".	
12.EXPENDITURE	Total 301,296 (¥000) Contracted 185,028	5.TECHNICAL TRANSFER			3.PRINCIPAL SOURCE OF INFORMATION	
					①	

和名 モデル農村開発計画 II

{M/P,Basic Study,Other}



# PROJECT SUMMARY (M/P+F/S)

ASO BGD/S 202B/92

Compiled Mar.1994  
Revised

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT																																															
1.COUNTRY	Bangladesh	1.SITE OR AREA		Greater Dhaka East of Greater Dhaka Area, DND and West part of Narayanqanj Area (A-194,04km <sup>2</sup> )		1.PRESENT STATUS	<input type="checkbox"/> Completed or in Progress <input checked="" type="checkbox"/> Promoting <input type="radio"/> Completed <input type="radio"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input type="radio"/> Implementing <input type="radio"/> Processing <input type="checkbox"/> Discontinued or Cancelled																																														
2.NAME OF STUDY Greater Dhaka Protection Project (FAP8A)		2.PROJECT COST (US\$1,000)						M/P 1) Local Cost    Foreign Cost 2)                      2)                      2)																																													
3.SECTOR Social Infrastructures/River & Erosion Control		3.CONTENTIS OF MAJOR PROJECT(S)		* (R) is Rehabilitation <M/P> (1991-2010): Total Project Cost TK 61,208 Mil. 1) Structural Measures 1 Embankment (R) / 16.7km    6 Pump Station / 16 pls 2 Embankment / 108.3km    7 Khal Improvement / 241.4km 3 Flood Wall (R) / 24.9km    8 Drainage Pipe / 17.0km 4 Flood Wall / 55.4km    9 Retarding Pond / 4192 ha 5 Sluice Gate / 57 pls 2) Non-Structural Measures 1 Reinforcement and Improvement of Flood Forecasting and Warning System 2 Construction (or Improve) of evacuation road networks and flood shelters : 4 Flood Prone Area <F/S>		(Description) Project realization is not confirmed.																																															
4.REFERENCE NO.		5.TYPE OF STUDY M/P+F/S																																																			
6.COUNTERPART AGENCY Ministry of Irrigation, Water Development, Flood Control. Flood Plan Coordination Organization.		7.OBJECTIVES OF STUDY		<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Greater Dhaka Area</th> <th style="text-align: center;">DND of Narayanqanj</th> <th style="text-align: center;">Narayanqanj West</th> </tr> </thead> <tbody> <tr> <td>Embankment</td> <td style="text-align: center;">27.52km</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">11.89km</td> </tr> <tr> <td>Sub-Embankment</td> <td style="text-align: center;">17.42km</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> </tr> <tr> <td>Road-Cum-Embankment</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">4.10km</td> </tr> <tr> <td>Flood Wall</td> <td style="text-align: center;">21.27km</td> <td style="text-align: center;">3.38km</td> <td style="text-align: center;">11.48km</td> </tr> <tr> <td>Flood Wall (R)</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">25.20km</td> <td style="text-align: center;">-----</td> </tr> <tr> <td>Sluice Gate</td> <td style="text-align: center;">7 pls</td> <td style="text-align: center;">1 pls</td> <td style="text-align: center;">14 pls</td> </tr> <tr> <td>Pump Station</td> <td style="text-align: center;">180.5m<sup>3</sup>/s (4)</td> <td style="text-align: center;">64.7m<sup>3</sup>/s (2)</td> <td style="text-align: center;">12.2m<sup>3</sup>/s ( )</td> </tr> <tr> <td>Stop Log</td> <td style="text-align: center;">-----</td> <td style="text-align: center;">58 pls</td> <td style="text-align: center;">17 pls</td> </tr> <tr> <td>Retarding Basin</td> <td style="text-align: center;">18.95x1,000,000m<sup>3</sup></td> <td style="text-align: center;">6.81x1,000,000m<sup>3</sup></td> <td style="text-align: center;">1.28x1,000,000m<sup>3</sup></td> </tr> <tr> <td>Khal Improvement</td> <td style="text-align: center;">73.2km</td> <td style="text-align: center;">51.2km</td> <td style="text-align: center;">17.2km</td> </tr> <tr> <td>Bridge</td> <td style="text-align: center;">13 No.</td> <td style="text-align: center;">40 No.</td> <td style="text-align: center;">14 No.</td> </tr> </tbody> </table>			Greater Dhaka Area	DND of Narayanqanj	Narayanqanj West	Embankment	27.52km	-----	11.89km	Sub-Embankment	17.42km	-----	-----	Road-Cum-Embankment	-----	-----	4.10km	Flood Wall	21.27km	3.38km	11.48km	Flood Wall (R)	-----	25.20km	-----	Sluice Gate	7 pls	1 pls	14 pls	Pump Station	180.5m <sup>3</sup> /s (4)	64.7m <sup>3</sup> /s (2)	12.2m <sup>3</sup> /s ( )	Stop Log	-----	58 pls	17 pls	Retarding Basin	18.95x1,000,000m <sup>3</sup>	6.81x1,000,000m <sup>3</sup>	1.28x1,000,000m <sup>3</sup>	Khal Improvement	73.2km	51.2km	17.2km	Bridge	13 No.	40 No.	14 No.
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8.DATE OF S/W Jun.1990		9.CONSULTANT(S) Pacific Consultants International		4.FEASIBILITY AND ITS ASSUMPTIONS		2.MAJOR REASONS FOR PRESENT STATUS																																															
10.STUDY TEAM		11.ASSOCIATED AND/OR SUBCONTRACTED STUDY		5.TECHNICAL TRANSFER		3.PRINCIPAL SOURCE OF INFORMATION																																															
No.of Members    14 Period    Sep.1990-Mar.1991 (19 months)		Land use, Flood drainage, Topographic and Environment Survey. Soil investigation, Preparation of Topographic map.		Imp. Period:    .1992-.2010    .1996-.2009    .1999-.2004 Feasibility:    Yes EIRR1)    15.80    FIRR1) EIRR2)    14.50    FIRR2) EIRR3)    14.30    FIRR3)		①																																															
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Japan</th> <th style="text-align: center;">Field</th> </tr> </thead> <tbody> <tr> <td>Total M/M</td> <td style="text-align: center;">113.14</td> <td style="text-align: center;">97.65</td> </tr> <tr> <td></td> <td style="text-align: center;">15.49</td> <td></td> </tr> </tbody> </table>			Japan	Field	Total M/M			113.14	97.65		15.49		12.EXPENDITURE Total                      480,809 (¥'000) Contracted		Technical transfer was carried out through the occation of explanation and discussion on the reports.																																						
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Total M/M	113.14	97.65																																																			
	15.49																																																				

和名 ダッカ首都圏洪水防御・雨水排水計画

(M/P+F/S)

# PROJECT SUMMARY (M/P+F/S)

ASO BGD/S 203B/92

Compiled Mar.1994  
Revised

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDIED PROJECT				
1. COUNTRY	Bangladesh	1. SITE OR AREA			1. PRESENT STATUS	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input checked="" type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled			
2. NAME OF STUDY	Infrastructure / Public Works	North West Region (34,600 km <sup>2</sup> )							
3. SECTOR	Social Infrastructures/River & Erosion Control	2. PROJECT COST			(Description) FAP 2 study was undertaken as one of FAP projects consisting of 26 projects and completed in Jan. 1993, though Technical Committee Meeting has not been held. Other FAP projects, however, is still being carried out.  To proceed the proposed projects by FAP 2 study to the next stages, it is required to adjust the result of FAP 2 study based on result of other FAP projects or coordinate with the proposed projects by other FAP study.  While, the FAP 2 study, a regional study, was completed earlier than other FAP projects. Therefore, our study results are considered to provide suggestion for formulating flood control and drainage plan in other regional and supplemental studies.				
4. REFERENCE NO.		M/P 1)	Local Cost	Foreign Cost					
5. TYPE OF STUDY	M/P+F/S	2)							
6. COUNTERPART AGENCY	Flood Plan Coordination Organization, Ministry of Irrigation	FS 1)	865,000						
7. OBJECTIVES OF STUDY	Formulating a master plan for flood control and drainage improvement	2)	42,932	11,249					
8. DATE OF S/W	Jun.1990	3)		31,683					
9. CONSULTANT(S)	Nippon Koei Co., Ltd. Nikken Consultants., Inc.	3. CONTENTS OF MAJOR PROJECT(S)							
10. STUDY TEAM	No. of Members 9 Period Jan.1991-Jan.1993 (25 months)	<M/P> Stage-wise Development Plan established 1) Short-term plan (1993-1997: Investment Cost US\$580 million) Gaibandha Improvement, Lower Atrai (Polder C&D), L. Jamuna Right Bank, Other FAP projects and On-going projects (Boqra Polder 2 and Gazaria Ichamati) 2) Mid-term plan (1998-2007: Investment Cost US\$285 million) Lower Atrai (polder A&B), Teesta Left Bank, Boqra Polder 3 and On-going projects 3) Long-term plan after 2007 Hurasagar, Mohananda Right Bank and Upper Karatoya/Banqali Floodway  <F/S> The following measures were planned to be provided to mitigate the flood damage from the neighbouring rivers in and around the project area: 1) Teesta Right Embankment 2) Ghaqot river 3) Drainage improvement in the project area 4) Flood proofing and associated development/improvement works for fisheries, health and navigation							
							Imp. Period: .1993-.2003		
							4. FEASIBILITY AND ITS ASSUMPTIONS	Feasibility: Yes/No	EIRR1) 10.00 FIRR1) EIRR2) FIRR2) EIRR3) FIRR3)
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	None	10. STUDY TEAM			2. MAJOR REASONS FOR PRESENT STATUS				
		Total M/M                  Japan                  Field 82.67                          1.26                  81.41			3. PRINCIPAL SOURCE OF INFORMATION				
12. EXPENDITURE		5. TECHNICAL TRANSFER			①				
		Total                          351,342 (¥'000) Contracted                  320,000							
		Planning procedures and methods adopted for flood control and drainage projects in Japan was explained and transferred to local engineers by means of the on-the-job training.							

# PROJECT SUMMARY (F/S)

ASO BGD/A 304/92

Compiled Mar.1994  
Revised

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT																	
1.COUNTRY	Bangladesh	1.SITE OR AREA		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;">Total Cost</td> <td style="width: 15%; text-align: center;">Local Cost</td> <td style="width: 15%; text-align: center;">Foreign Cost</td> </tr> <tr> <td style="text-align: center;">(US\$1,000)</td> <td style="text-align: center;">1) 58,700</td> <td style="text-align: center;">42,700</td> <td style="text-align: center;">16,000</td> </tr> <tr> <td></td> <td style="text-align: center;">2)</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">3)</td> <td></td> <td></td> </tr> </table>			Total Cost	Local Cost	Foreign Cost	(US\$1,000)	1) 58,700	42,700	16,000		2)				3)			1.PRESENT STATUS <input type="checkbox"/> Completed or in Progress <input checked="" type="checkbox"/> Promoting <input type="radio"/> Completed <input type="radio"/> Partially Completed <input type="checkbox"/> Delayed or Suspended <input type="radio"/> Implementing <input type="radio"/> Processing <input type="checkbox"/> Discontinued or Cancelled	
	Total Cost	Local Cost	Foreign Cost																				
(US\$1,000)	1) 58,700	42,700	16,000																				
	2)																						
	3)																						
2.NAME OF STUDY Kurigram Irrigation and Flood Control Project -South Unit-		2.PROJECT COST																					
3.SECTOR Agriculture/		3.CONTENTIS OF MAJOR PROJECT(S)				(Description) Government of Bamphader have aan intention to implement the project, however, implementation will delay depending on the FAP studies.																	
4.REFERENCE NO.		1. Irrigation : Existing farm land of 35,500ha will be irrigated the rough coujunctive use of both groundwater and surface water, and parcentage of planting will be higher from 190% to 224% 2. Drainage : Draining network will be improved through rehabilitation works of exitsting draineqe channels 3. Flood control : Rehabilitation of the existing flood bankment. 4. Rural : new bridge : 30 infrestuction infrastructure reconstruction bridge :52 culvert :9																					
5.TYPE OF STUDY																							
6.COUNTERPART AGENCY Bangladesh Water Development Board																							
7.OBJECTIVES OF STUDY he objective is to increase in the agricultural productions by provision of water for irrigation ,improvement of drainage system and prevention of annual flooding																							
8.DATE OF S/W																							
9.CONSULTANT(S) Nippon Koel Co., Ltd. Chuo Kaihatsu Cor.																							
10.STUDY TEAM																							
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY Topo-Survey, Geological Survey, Chemical Analysis of Water, Plan survey, Route Survey, Farm Economy Survey, Farmers intention survey																							
12.EXPENDITURE																							
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Total</td> <td style="width: 15%;">262,292 (¥000)</td> </tr> <tr> <td>Contracted</td> <td>251,576</td> </tr> </table>		Total	262,292 (¥000)	Contracted	251,576	4.FEASIBILITY AND ITS ASSUMPTIONS <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;">Feasibility: Yes/No</td> <td style="width: 15%; text-align: center;">EIRR1) 28.50</td> <td style="width: 15%; text-align: center;">FIRR1)</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">EIRR2)</td> <td style="text-align: center;">FIRR2)</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">EIRR3)</td> <td style="text-align: center;">FIRR3)</td> </tr> </table> Conditions and Development Impacts: * Imp. Periode are 1) D/D 2 years, 2) Phase I 4 years, 3) Phase II 4 years, Total 10 years.  Conditions: same as Flood Plan Coordinatio Orqanization, 30 years of project  Impact: Project impact analysis show the net revenue will increase in every class of farmer sizes. In addition, social impacts are expected in terms of increase in employment opportunity, increase in land value and improvement of local transportation.			Feasibility: Yes/No	EIRR1) 28.50	FIRR1)			EIRR2)	FIRR2)			EIRR3)	FIRR3)				
Total	262,292 (¥000)																						
Contracted	251,576																						
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		EIRR2)	FIRR2)																				
		EIRR3)	FIRR3)																				
		2.MAJOR REASONS FOR PRESENT STATUS																					
		3.PRINCIPAL SOURCE OF INFORMATION ①																					

和名 クリグラム南部灌漑排水計画

(F/S,D/D)

## PROJECT SUMMARY (F/S)

ASO BTN/A 301/88

Compiled Mar.1990  
Revised Mar.1993

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS				III. PRESENT STATUS OF STUDIED PROJECT															
<b>1.COUNTRY</b> Bhutan		<b>1.SITE OR AREA</b> Lhuntsi and Monqar Districts (Area:560,000ha, Population-Lhuntsi District:42,100, Monqar District:77,200)				<b>1.PRESENT STATUS</b> <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="radio"/> Completed <input type="radio"/> Partially Completed <input checked="" type="checkbox"/> Delayed or Suspended <input type="radio"/> Implementing <input type="radio"/> Processing <input type="checkbox"/> Discontinued or Cancelled															
<b>2.NAME OF STUDY</b> Luntch-Mongar Integrated Agricultural Development Project		<b>2.PROJECT COST</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td style="text-align: center;">Total Cost</td> <td style="text-align: center;">Local Cost</td> <td style="text-align: center;">Foreign Cost</td> </tr> <tr> <td style="text-align: center;">(US\$1,000)</td> <td style="text-align: center;">1) 8,586</td> <td style="text-align: center;">2,336</td> <td style="text-align: center;">6,250</td> </tr> <tr> <td style="text-align: center;">US\$1=14Nu.</td> <td style="text-align: center;">2)</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">3)</td> <td></td> <td></td> </tr> </table>							Total Cost	Local Cost	Foreign Cost	(US\$1,000)	1) 8,586	2,336	6,250	US\$1=14Nu.	2)				3)
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(US\$1,000)	1) 8,586	2,336	6,250																		
US\$1=14Nu.	2)																				
	3)																				
<b>3.SECTOR</b> Agriculture/General		<b>3.CONTENT(S) OF MAJOR PROJECT(S)</b> Following two projects were proposed as model development: Main components      Tanqmachhu area      Masandaqaza area Project area            478ha                            125ha Intake (new)            3 sites                           2 sites Main canal (rehabilitation)      12.6km                           9.5km Main canal (new construction)      0                                    0.9km Secondary canal (rehabilitation)      0.5km                           0 Secondary canal (new const.)      0.4km                           0.4km Feeder road              5.4km                           2.4km Agro-processing factory      1 site/90m <sup>2</sup> - Agriculture mechanization      proposed                           proposed Agri. mechanization centre      Establish one branch in Moqar prefecture for both areas.				<b>(Description)</b> Bhutan government intended to request grant aid for the projects, but the present situation is unknown.  (FY1991 Overseas Survey) Since IFAD project concerns both Monqar and Lhuntsi Dzongkhags, this project will either be delayed or shifted to other areas in future.  (FY1992 Overseas Survey) Waiting for the answer.															
<b>4.REFERENCE NO.</b>		Agri. extension office      One office will be established in Linqmethanq. Trial cum demonstration farm      5 places                           3 places Agri. machinery for the farm      one-set                           one-set																			
<b>5.TYPE OF STUDY</b> F/S																					
<b>6.COUNTERPART AGENCY</b> Department of Agriculture, Ministry of Agriculture and Forestry																					
<b>7.OBJECTIVES OF STUDY</b> To formulate an Integrated Agricultural Development plan for the object area and to assess its technical soundness and economic viability.																					
<b>8.DATE OF S/W</b> Jul.1986		<b>Imp. Period:</b> Jul.1989-Mar.1992																			
<b>9.CONSULTANT(S)</b> Nippon Koei Co., Ltd. Nippon Giken Inc.		<b>4.FEASIBILITY AND ITS ASSUMPTIONS</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>Feasibility:</b></td> <td style="text-align: center;">EIRR1)</td> <td style="text-align: center;">4.60</td> <td style="text-align: center;">FIRR1)</td> </tr> <tr> <td style="text-align: center;">Yes</td> <td style="text-align: center;">EIRR2)</td> <td style="text-align: center;">3.80</td> <td style="text-align: center;">FIRR2)</td> </tr> <tr> <td></td> <td style="text-align: center;">EIRR3)</td> <td></td> <td style="text-align: center;">FIRR3)</td> </tr> </table>		<b>Feasibility:</b>	EIRR1)	4.60	FIRR1)	Yes	EIRR2)	3.80	FIRR2)		EIRR3)		FIRR3)				
<b>Feasibility:</b>	EIRR1)	4.60	FIRR1)																		
Yes	EIRR2)	3.80	FIRR2)																		
	EIRR3)		FIRR3)																		
<b>10.STUDY TEAM</b>		<b>Conditions and Development Impacts:</b>																			
No.of Members      7 Period      Dec.1987-Nov.1988 (12 months)		Condition: Self-sufficiency in basic foods and improvement of income of farmers Deterioration of imbalanced social welfare among regions in the country Basic agricultural development concept is the integration in development. Development of model areas Economic benefit is assessed only on the irrigation projects.  Benefits and impacts: Rice production in Thanqmachhu and Masandaqaza area will be increased in 2.9 (1,100tons) times and 8.9 times (400tons) of present production. The land and labor productivity will be increased to about 3 times of present levels. Improvement of marketing of agri. products and inputs as well as informations and social welfare will be expected by construction of feeder road. Development model effects will be expanded smoothly by the road.  * EIRR 1) is for Tanqmachhu and 2) is for Masandaqaza.																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3"><b>Total M/M</b></td> </tr> <tr> <td style="text-align: center;">Japan</td> <td style="text-align: center;">Field</td> <td></td> </tr> <tr> <td style="text-align: center;">42.10</td> <td style="text-align: center;">10.00</td> <td style="text-align: center;">32.10</td> </tr> </table>		<b>Total M/M</b>			Japan	Field		42.10	10.00	32.10											
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Japan	Field																				
42.10	10.00	32.10																			
<b>11.ASSOCIATED AND/OR SUBCONTRACTED STUDY</b>																					
<b>12.EXPENDITURE</b>		<b>5.TECHNICAL TRANSFER</b> Technology transfer to counterparts in the course of the Study																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Total</td> <td style="text-align: center;">137,883 (¥000)</td> </tr> <tr> <td style="text-align: center;">Contracted</td> <td style="text-align: center;">131,476</td> </tr> </table>		Total	137,883 (¥000)	Contracted	131,476																
Total	137,883 (¥000)																				
Contracted	131,476																				
		<b>2.MAJOR REASONS FOR PRESENT STATUS</b> See above.																			
		<b>3.PRINCIPAL SOURCE OF INFORMATION</b> ①②																			

和名 ルンチ・モンガル農業総合開発計画

(F/S,D/D)

## PROJECT SUMMARY (Other)

ASE BRN/S 601/83

Compiled Mar.1986  
Revised Mar.1994

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDY RESULTS								
1.COUNTRY	Brunei	1.SITE OR AREA				1.PRESENT STATUS	<input type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input checked="" type="checkbox"/> Discontinued						
2.NAME OF STUDY	Improvement of Brunei Government Printing Department	2.PROJECT COST	Total Cost	Local Cost	Foreign Cost	(Description) (FY1991 Overseas Survey) The JICA report did not include the provision of new buildings but recommended that the existing building be modified. This recommendation was not taken up because any modifications would have put the printing section out of action for a year. Discussions were held with the Ministries of Development and of Finance at that time and expansion plans for the buildings and equipment were approved, and in due course implemented. Current volume of production exceeded the projections of the JICA report by about 3-4 times, and the market value of printing undertaken by the Dept. increased from between B\$3-4 million to B\$9 million. The floor space roughly tripled and the Dept. currently employs 300 persons. Since the JICA study, some 20 employees (mainly operational and supervising staff) have been sent to Germany and the United Kingdom for training in factories or to take up relevant professional courses for instructors. The Dept. now has its own in-plant training program in printing skills. In view of the countries where the staff were sent for training, most of the machinery and equipment currently used are from the European countries. The Printing Dept. wants to keep alive the cooperation with JICA, both technical and financial. The Director of the Dept. would like to run a proper training school to produce skilled workers in printing, not only to service the public sector but also the private sector where most of the workers are currently expatriates. This is one of the possible areas for future JICA assistance. (FY1993 Overseas Survey) No change is reported.							
3.SECTOR	Social Infrastructures/Architecture & Housing	(US\$1,000)	1) 2,373										
4.REFERENCE NO.		(US\$1=232.2 yen)	2)			2.MAJOR REASONS FOR PRESENT STATUS							
5.TYPE OF STUDY	Other	3.CONTENT(S) OF MAJOR PROJECT(S)											
6.COUNTERPART AGENCY	Government Printing Dept.	The Printing Department has been producing about 70% of governmental printed matters. While, the production has been increasing at an annual rate of 20%. Taking the 1982 index as 100, the order will grow 2.5 times by 1987. Then, taking into considerations several problems confronted by Printing Department and estimated future demand, proposals for addition of facilities and equipment and for improving management and administration will be presented in a specific manner: (1) Plan for introduction of New Facilities: Judging from the current production growth rate in the Printing Department, the production of Monocolor printing will be estimated by 7,680,000 M2/year against the installed capacity of 7,370,000 M2/year and Color Printing will be estimated by 12,330,000 M2/year against the installed capacity of 3,390,000 M2/year. So, the supply and demand of Monocolor Printing is well balanced, but the capacity of Color Printing is in short by 3.5 times from the supply. Color printing machines (offset printing machines) will be further needed. Together with the color printing machines, Binding machines and Graphic reproduction will be needed. List of machine to be added: - Sheeted offset printing machine 4 sets - Binding machines and the related 7 sets - Color Scanner for graphic reproduction 1 set											
7.OBJECTIVES OF STUDY	Proposal on improving of Government Printing Dept.	4.CONDITIONS AND DEVELOPMENT IMPACTS				3.PRINCIPAL SOURCE OF INFORMATION ②							
8.DATE OF S/W	.0	[Conditions] Before increasing machines and equipments and also before changing Layout Plan, new warehouses scheduled to be built in 1984 will store only materials from the old storehouse. [Development Impacts] The benefits obtained from the program: (1) Improved production efficiency: At the end of the project, available staff and worker will be 185 instead of the present 128, 1.45 times higher and the production capacity will be 2.07 times that in 1983. That is, the production efficiency per worker will increase about 43% in total. (2) Maneuverable production system: Addition of machines as well as improvement of layout of installed machines and of plant administration will substantially increase production capacity. In addition, the extensive reformation of the binding section will help to reduce the total production time. Further, the improvement of the distribution system and the addition of distributing menas will permit quick distribution. These results will realize quicker delivery than before. (3) Technological improvement: Machine operation technique will be hopefully improved through the introduction of new machines under the present project. Particularly, one colour scanner for graphic reproduction and various new machines for high-quality binding will bring about dramatic technical improvements in these fields. The technical ability in printing, binding and graphic reproduction fields will also be cultivated through the intensified technical education and training carried out by Printing Department. This will provide the foundation, on which Printing Department can advance to new fields.											
9.CONSULTANT(S)	Kokuyo Co., Ltd.	5. TECHNICAL TRANSFER											
10.STUDY TEAM	No. of Members 7 Period Sep.1983-Jan.1984 (4 months)												
	<table border="0" style="width: 100%;"> <tr> <td style="width: 30%;">Total M/M</td> <td style="width: 30%;">Japan</td> <td style="width: 30%;">Field</td> </tr> <tr> <td style="text-align: center;">4.32</td> <td style="text-align: center;">2.67</td> <td style="text-align: center;">1.65</td> </tr> </table>	Total M/M	Japan	Field	4.32	2.67	1.65						
Total M/M	Japan	Field											
4.32	2.67	1.65											
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY	None												
12.EXPENDITURE	Total 14,688 (¥'000) Contracted 11,287												

和名 印刷局改善計画

(M/P, Basic Study, Other)

# PROJECT SUMMARY (M/P)

ASE BRN/S 101/85

Compiled Mar.1988  
Revised Mar.1993

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDY RESULTS																
1.COUNTRY	Brunei	1.SITE OR AREA			1.PRESENT STATUS	<input type="checkbox"/> In Progress or In Use <input checked="" type="checkbox"/> Delayed <input type="checkbox"/> Discontinued															
2.NAME OF STUDY	Public Transport System in Negara Brunei Darussalam	Urban area and its outskirts																			
3.SECTOR	Transportation/Fisheries	2.PROJECT COST			(Description) Since the completion of the JICA study, no specific action has been taken. The pace of motorization has been very rapid in the country, and the need to upgrade the country's public transportation system will intensify before long.  (FY1991 Overseas Survey) The Land Transport Dept. submitted the Report of the Master Plan Study to the Ministry of Communications with a recommendation that suggested feasibility studies be undertaken in phases, starting from the urban areas like Bandar Seri Begawan and then to other outlying areas. No definite decision has been made to date.  (FY1992 Overseas Survey) No additional information.																
4.REFERENCE NO.		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;">Total Cost</td> <td style="width: 15%; text-align: center;">Local Cost</td> <td style="width: 15%; text-align: center;">Foreign Cost</td> </tr> <tr> <td>(US\$1,000)</td> <td style="text-align: center;">1)</td> <td style="text-align: center;">72,900</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">2)</td> <td></td> <td></td> <td></td> </tr> </table>							Total Cost	Local Cost	Foreign Cost	(US\$1,000)	1)	72,900				2)			
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(US\$1,000)	1)	72,900																			
	2)																				
5.TYPE OF STUDY	M/P	3.CONTENTS OF MAJOR PROJECT(S)																			
6.COUNTERPART AGENCY	Land Transport Dept.	1. Improvement Plan of Public Bus System - Purchase 235 new buses - Strengthen bus network and its operation - Improve bus terminals, bus stops, operation offices and workshops 2. Improvement Plan of Taxi System - Construction of taxi stations - Introduction of radio equipped taxis 3. Relevant Improvement Plan - Improvement of arterial road network - Introduction of grade separated intersections - Improvement of traffic control system																			
7.OBJECTIVES OF STUDY	Preparation of a Master Plan for the improvement and an intermediate programme of the Public Transport System	4.CONDITIONS AND DEVELOPMENT IMPACTS																			
8.DATE OF S/W	Mar.1984	1. Future population and GDP in 1995 were estimated as the basic conditions of future traffic forecast. 2. The types of benefits such as the savings of vehicle operating costs and passenger's time costs are applied. 3. The Economic IRR of the period is assumed 30.7% during the period of 20 years after completion of the project. 4. The Financial IRR of corporation for the public bus operation is assumed only 2.0%, therefore, Government financial supports are necessary.																			
9.CONSULTANT(S)	Japan Engineering Consultants Co., Ltd.	10.STUDY TEAM																			
		No.of Members    9 Period    Jul.1984-Mar.1985 (8.5 months) Jun.1985-Jul.1985 <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; text-align: center;">Total M/M</td> <td style="width: 15%; text-align: center;">Japan</td> <td style="width: 15%; text-align: center;">Field</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td style="text-align: center;">33.63</td> <td style="text-align: center;">19.20</td> <td style="text-align: center;">14.43</td> <td></td> <td></td> </tr> </table>			Total M/M	Japan	Field			33.63	19.20	14.43									
Total M/M	Japan	Field																			
33.63	19.20	14.43																			
11.ASSOCIATED AND/OR SUBCONTRACTED STUDY		5. TECHNICAL TRANSFER			2.MAJOR REASONS FOR PRESENT STATUS Government investments have been substantial in the road network improvement. The government financial support is essential to improve the public bus operation.																
None		1. On the job training 2. Cooperative work for the report preparation																			
12.EXPENDITURE					3.PRINCIPAL SOURCE OF INFORMATION ①②																
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;">93,943 (¥'000)</td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> <tr> <td>Total</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Contracted</td> <td></td> <td style="text-align: center;">82,647</td> <td></td> <td></td> </tr> </table>				93,943 (¥'000)					Total					Contracted		82,647					
		93,943 (¥'000)																			
Total																					
Contracted		82,647																			

和名 公共交通網整備計画

{M/P,Basic Study,Other}

## PROJECT SUMMARY (Other)

ASO CHN/S 601/79

 Compiled Mar. 1990  
 Revised Mar. 1992

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDY RESULTS																										
<b>1.COUNTRY</b>		<b>1.SITE OR AREA</b>			<b>1.PRESENT STATUS</b>	<input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued																									
China		Shijiusuo and Qinhuangdao																													
<b>2.NAME OF STUDY</b>		<b>2.PROJECT COST</b>																													
Port Construction		(US\$1,000)	Total Cost	Local Cost	Foreign Cost		<b>(Description)</b> OECF loans have been agreed as follows.																								
<b>3.SECTOR</b>		1)	2)	<table border="0" style="width: 100%; text-align: center;"> <thead> <tr> <th></th> <th>Shijiusuo Port</th> <th>Yanzhou-Shijiusuo Railway Construction</th> <th>Beijing-Qinhuangdao Railway Improvement</th> </tr> </thead> <tbody> <tr> <td>Apr. 1980</td> <td>7,085</td> <td>10,100</td> <td>2,500</td> </tr> <tr> <td>Dec. 1981</td> <td>9,860</td> <td>3,110</td> <td>11,200</td> </tr> <tr> <td>Apr. 1982</td> <td>18,500</td> <td>3,200</td> <td>9,200</td> </tr> <tr> <td>Oct. 1982</td> <td>2,300</td> <td>11,800</td> <td>30,900</td> </tr> <tr> <td>Aug. 1983</td> <td>5,200</td> <td>11,500</td> <td>33,200</td> </tr> </tbody> </table> (million yen)					Shijiusuo Port	Yanzhou-Shijiusuo Railway Construction	Beijing-Qinhuangdao Railway Improvement	Apr. 1980	7,085	10,100	2,500	Dec. 1981	9,860	3,110	11,200	Apr. 1982	18,500	3,200	9,200	Oct. 1982	2,300	11,800	30,900	Aug. 1983	5,200	11,500	33,200
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Aug. 1983	5,200	11,500	33,200																												
Transportation/Port		<b>3.CONTENTS OF MAJOR PROJECT(S)</b>																													
<b>4.REFERENCE NO.</b>		Feasibility study on Shijiusuo as a port of coal export and iron ore import and on Qinhuangdao as a port of coal export.																													
<b>5.TYPE OF STUDY</b>		<b>4.CONDITIONS AND DEVELOPMENT IMPACTS</b>			<b>2.MAJOR REASONS FOR PRESENT STATUS</b>																										
Other		By the development of exclusive coal berth and exclusive iron ore berth for large vessel and efficient cargo handling, it is possible to reduce transportation cost for imported iron ore, decrease cost for steel goods, and make coal major export goods.																													
<b>6.COUNTERPART AGENCY</b>		(FY 1993 Domestic Survey)			<b>3.PRINCIPAL SOURCE OF INFORMATION</b>																										
National Basic Construction Committee																															
<b>7.OBJECTIVES OF STUDY</b>																															
<b>8.DATE OF S/W</b>		<b>5.technical transfer</b>		①																											
.0																															
<b>9.CONSULTANT(S)</b>																															
Overseas Coastal Area Development Institute of Ja																															
<b>10.STUDY TEAM</b>																															
No.of Members 11																															
Period Jan.1980-Feb.1980(1 months)																															
Total M/M Japan Field																															
<b>11.ASSOCIATED AND/OR SUBCONTRACTED STUDY</b>																															
<b>12.EXPENDITURE</b>																															
Total 8,186 (¥000)																															
Contracted																															

和名 港灣建設計画

(M/P,Basic Study,Other)

# PROJECT SUMMARY (Other)

ASO CHN/S 602/81

Compiled Mar.1986  
Revised Mar.1992

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDY RESULTS	
<b>1.COUNTRY</b>	China	<b>1.SITE OR AREA</b>	Beijing - Tianjin and Beijing - Hengyang		<b>1.PRESENT STATUS</b>	<input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued
<b>2.NAME OF STUDY</b>	Railway Modernization Project	<b>2.PROJECT COST</b>	Total Cost	Local Cost	(Description)	
<b>3.SECTOR</b>	Transportation/Railway	(US\$1,000)	1)	2)		
<b>4.REFERENCE NO.</b>		<b>3.CONTENTS OF MAJOR PROJECT(S)</b>				
<b>5.TYPE OF STUDY</b>	Other	A group of long-term and short-term experts was assigned to assist for the modernization of Chinese railways. Cooperation was centered on (1) technical guidance for renovating the sections between Beijing-Tianjing and between Beijing-Hengyang, (2) the survey on the transport capacity expansion and electrification of Beijing-Tianjing section, (3) the survey on the automation of the marshalling yards, and (4) the survey on the automation of train operations.				
<b>6.COUNTERPART AGENCY</b>	Dept. of Railway					
<b>7.OBJECTIVES OF STUDY</b>	Technical cooperation	<b>4.CONDITIONS AND DEVELOPMENT IMPACTS</b>			<b>2.MAJOR REASONS FOR PRESENT STATUS</b>	
<b>8.DATE OF S/W</b>	Mar.1979	The study will contribute to the modernization of Chinese railways.				
<b>9.CONSULTANT(S)</b>						
<b>10.STUDY TEAM</b>	No.of Members 44 Period Jul.1979-Sep.1981(26 months)	<b>5.technical transfer</b>			<b>3.PRINCIPAL SOURCE OF INFORMATION</b>	
	Total M/M      Japan      Field					
<b>11.ASSOCIATED AND/OR SUBCONTRACTED STUDY</b>					①	
<b>12.EXPENDITURE</b>	Total 47,756 (¥'000) Contracted					

和名 鉄道近代化計画

[M/P,Basic Study,Other]