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No.	Region	Code No.	Country	Name of the Study	Type	FYear Completion	Sector Subsector	Status	Page
511	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 / General	Delayed or Suspended	589
512	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	590
513	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および関連輸送施設調査	M/P	1976	Transportation / General	Delayed	591
514	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	592
515	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	593
516	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	594
517	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 / General	In Progress or In Use	595
518	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 / General	Completed	596
519	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 / General	Completed	597
520	Africa	TZA/A 601	Tanzania	(Forestry Development and Afforestation Project in 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	598
521	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	Processing	599
522	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 / General	Promoting	600
523	Africa	ZAR/S 301	Zaire	Projet 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 / General	Completed	601
524	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 / General	In Progress or In Use	602
525	Africa	ZAR/S 302	Zaire	Railway Construction Project between Kisenso and Kimbanseke キセンソ・キンバンセケ鉄道建設計画	F/S	1987	Transportation / Railway	Delayed or Suspended	603
526	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	604
527	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 / Telecommunication	Completed	605

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528	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	606
529	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	Implementing	607
530	Africa	ZWE/S 601	Zimbabwe	(Electrification of National Railways) 国鉄電化計画	Other	1980	Transportation / Railway	Discontinued	608
531	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	609
532	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 / Telecommunication	Completed	610
533	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 / General	Implementing	611
534	Africa	ZWE/A 302	Zimbabwe	Nyakomba Irrigation Development Project ニヤコンバ地方灌漑計画	F/S	1990	Agriculture / General	Promoting	612
535	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	F/S	1979	Transportation / Port	Discontinued or Cancelled	613
536	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	614
537	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	615
538	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 / General	In Progress or In Use	616
539	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 / General	In Progress or In Use	617
540	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 Transportation & Airport	Completed	618
541	Middle & South America	BOL/S 501	Bolivia	Topographic Mapping Project for Chapare Area チャバレー地区地図作成事業	Basic Study	1978	Social Infrastructures / Survey & Mapping	In Progress or In Use	619
542	Middle & South America	BOL/A 501	Bolivia	(Land Use Mapping Project for Chapare Area) チャバレー地区土地利用図作成	Basic Study	1979	Agriculture / General	Discontinued	620
543	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	621

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No.	Region	Code No.	Country	Name of the Study	Type	FYear Completion	Sector Subsector	Status	Page
544	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 / Telecommunication	Discontinued or Cancelled	622
545	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 Transportation & Airport	Promoting	623 ~ 624
546	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	625
547	Middle & South America	BOL/S 304	Bolivia	Mejoramiento de la carretera entre San Borja y Trinidad サンボルハートリニダ道路改良	F/S	1987	Transportation / Road	Promoting	626
548	Middle & South America	BOL/S 401	Bolivia	Mejoramiento de la carretera entre San Borja y Trinidad サンボルハートリニダ道路改良	DD	1988	Transportation / Road	Promoting	627
549	Middle & South America	BOL/S 306	Bolivia	Road Improvement between Santa Barbara and Bella Vista サンタバルバラ・ベジャビスタ道路改良計画	F/S	1990	Transportation / Road	Promoting	628
550	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 / General	Processing	629
551	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	630
552	Middle & South America	BRA/S 301	Brazil	Praia Mole Port Construction Project プライアモレ港建設計画	F/S	1977	Transportation / Port	Discontinued or Cancelled	631
553	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	632
554	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	633
555	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	634
556	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	Implementing	635 ~ 636
557	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	Delayed or Suspended	637
558	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	638 ~ 639
559	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	640
560	Middle & South America	CHL/S 102	Chile	Development Plan of the Ports of Valparaiso and San Antonio バルバライン港・サンアントニオ港整備計画	M/P	1986	Transportation / Port	In Progress or In Use	641

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561	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 / General	Promoting	642
562	Middle & South America	CHL/A 302	Chile	Proyecto de desarrollo agricola mediante aprovechamiento de aguas subterraneas 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 / General	Processing	643
563	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 / Urban Planning & Land Development	In Progress or In Use	644
564	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
565	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
566	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 Transportation	In Progress or In Use	647
567	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 / General	Completed	648
568	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 / General	Implementing	649
569	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 / Urban Planning & Land Development	Implementing	650
570	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 / General	In Progress or In Use	651
571	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 / General	Promoting	652
572	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	In Progress or In Use	653
573	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	654
574	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	655
575	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 / General	Promoting	656 ~ 657
576	Middle & South America	CRI/A 501	Costa Rica	Fisheries 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	658
577	Middle & South America	DOM/A 301	Dominican Republic	Proyecto del desarrollo agricola del area Aglipo(El Pozo) アグリポ(エルボン)地域農業開発計画	F/S	1981	Agriculture / General	Completed	659

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578	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	Implementing	660
579	Middle & South America	DOM/A 302	Dominican Republic	Aguacate-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 / General	Promoting	661
580	Middle & South America	DOM/S 201B	Dominican Republic	Development Project of the San Pedro de Macoris サンペドロマコリス港開発計画	M/P+F/S	1987	Transportation / Port	Promoting	662 ~ 663
581	Middle & South America	DOM/A 303	Dominican Republic	Constanza Valley Irrigation Project コンスタンサ畑地灌漑計画	F/S	1990	Agriculture / General	Promoting	664
582	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 / General	Implementing	665
583	Middle & South America	ECU/S 201B	Ecuador	Guayaquil City Urban Transportation Plan グアヤキル市都市交通計画	M/P+F/S	1986	Transportation / Urban Transportation	Delayed or Suspended	666 ~ 667
584	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	668
585	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	669 ~ 670
586	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	671
587	Middle & South America	GTM/S 301	Guatemala	Development Project of the Port of Santo Tomas de Castilla サント・トマス港開発計画	F/S	1988	Transportation / Port	Delayed or Suspended	672
588	Middle & South America	GTM/A 301	Guatemala	Monjas Irrigation Project モンハスかんがい計画	F/S	1988	Agriculture / General	Delayed or Suspended	673
589	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 Transportation & Airport	Promoting	674
590	Middle & South America	HND/A 301	Honduras	Agricultural Development in the Choluteca River Basin Cholteカ川流域農業開発計画	F/S	1978	Agriculture / General	Processing	675
591	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 Transportation & Airport	Discontinued or Cancelled	676
592	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	677
593	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	678
594	Middle & South America	HND/A 302	Honduras	Choluteca River Basin Agricultural Development Project (Updating Study) Cholteカ川流域農業開発計画補完調査	F/S	1984	Agriculture / General	Processing	679

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595	Middle & South America	HND/A 303	Honduras	Aguan Valley Agricultural Development Project (Saba-Olanchito Area) アグアーン川流域農業開発計画	F/S	1985	Agriculture / General	Delayed or Suspended	680
596	Middle & South America	HND/S 101	Honduras	Groundwater Development Project in Comayagua コマヤグア県地下水開発計画	M/P	1989	Social Infrastructures / Water Resource Development	In Progress or In Use	681
597	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	Promoting	682
598	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マラス農業開発計画	F/S	1985	Agriculture / General	Delayed or Suspended	683
599	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 / General	Processing	684
600	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	685
601	Middle & South America	MEX/S 602	Mexico	*Suburban Railway Project (follow-up) 近郊鉄道計画(アフターケア)	Other	1979	Transportation / Railway	In Progress or In Use	686
602	Middle & South America	MEX/S 603	Mexico	Proyecto de electrificación de la línea troncal de Mexico a Irapuato 幹線鉄道電化計画	Other	1981	Transportation / Railway	In Progress or In Use	687
603	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	688
604	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	689
605	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	Delayed or Suspended	690
606	Middle & South America	MEX/S 303	Mexico	Development Project of the Port of Manzanillo マンサニョ港開発計画	F/S	1985	Transportation / Port	Completed	691
607	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	692
608	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	693
609	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	Implementing	694
610	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	695
611	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	696

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612	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	697
613	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	698
614	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	1984	Fisheries / Fisheries	In Progress or In Use	699
615	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	700
616	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	701
617	Middle & South America	PRY/S 301	Paraguay	Fleet Expansion Project 船舶増強計画	F/S	1978	Transportation / Marine Transportation & Ships	Completed	702
618	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)	F/S	1979	Transportation / Air Transportation & Airport	Processing	703
619	Middle & South America	PRY/A 301	Paraguay	Proyecto de desarrollo agricola en la zona noroeste del lago Ypoa イボア湖北西部農業開発計画	F/S	1982	Agriculture / General	Delayed or Suspended	704
620	Middle & South America	PRY/S 201B	Paraguay	National Telecommunications & Broadcasts Development Project 電気通信・放送拡充計画	M/P+F/S	1983	Communications & Broadcasting / General	Completed	705 - 706
621	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	707
622	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 / General	Delayed	708
623	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	Implementing	709
624	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 Transportation	In Progress or In Use	710
625	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	Promoting	711 - 712
626	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 / General	In Progress or In Use	713
627	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交通施設整備計画	F/S	1988	Transportation / Urban Transportation	Promoting	714
628	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	715

PROJECT LIST

No.	Region	Code No.	Country	Name of the Study	Type	FYear Completion	Sector Subsector	Status	Page
629	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 / General	Implementing	716
630	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	Delayed or Suspended	717
631	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	718 ~ 719
632	Middle & South America	PER/A 302	Peru	Chancay-Iluaral Valley Rehabilitation Project チャンカイ・ワラル谷かんがい復旧計画	F/S	1984	Agriculture / General	Implementing	720
633	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 Transportation & Airport	Delayed or Suspended	721 ~ 722
634	Middle & South America	PER/S 501	Peru	Topographic Mapping Project for Satipo Area, Department of Junin フニン県サティポ地区地形図作成事業	Basic Study	1986	Social Infrastructures / Survey & Mapping	In Progress or In Use	723
635	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	Delayed	724
636	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	725
637	Middle & South America	PER/A 201B	Peru	Desarrollo Pesquero Para La Construccion Del Pueruto En La Costa Central 沿岸漁港開発計画	M/P+F/S	1990	Fisheries / Fisheries	Promoting	726 ~ 727
638	Middle & South America	URY/A R101	Uruguay	Establecimiento de plantaciones de arboles ya 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	728
639	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調査	F/S	1989	Transportation / Air Transportation & Airport	Delayed or Suspended	729
640	Middle & South America	URY/A 301	Uruguay	National Reforestation Plan 国家造林5ケ年計画	F/S	1990	Forestry / Forestry & Forest Conservation	Implementing	730
641	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	731
642	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	Promoting	732 ~ 733
643	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	734
644	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	735
645	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	736

PROJECT LIST

No.	Region	Code No.	Country	Name of the Study	Type	FYear Completion	Sector Subsector	Status	Page
646	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	737
647	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	738
648	Oceania	PNG/S 301	Papua New Guinea	Rural Telecommunication Development Plan 地方電話網整備計画	F/S	1989	Communications & Broadcasting / Telecommunication	Promoting	739
649	Oceania	PNG/S 401	Papua New Guinea	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	Processing	740
650	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 / Telecommunication	Discontinued or Cancelled	741
651	Oceania	WSM/S 201B	Western Samoa	Development of the Ports in Western Samoa 全国湾港整備総合計画	M/P+F/S	1987	Transportation / Port	Completed	742 - 743
652	Europe	GRC/S 601	Greece	Tourism Promotion 観光振興計画	Other	1989	Tourism / General	In Progress or In Use	744
653	Plural Countries	ZZZ/S 101	Indonesia, Malaysia, Singapore	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	745
654	Plural Countries	ZZZ/S 502	Indonesia, Malaysia, Singapore	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	746
655	Plural Countries	ZZZ/S 501	Thailand, Malaysia, Singapore	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 / Telecommunication	In Progress or In Use	747
656	Plural Countries	ZZZ/S 301	Indonesia, Philippines	(Construction of Indo-Chinese Refugee Centers) 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	748
657	Plural Countries	ZZZ/S 503	Indonesia, Malaysia, Singapore	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	749
658	Plural Countries	ZZZ/S 504	Indonesia, Sri Lanka	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 / Telecommunication	In Progress or In Use	750

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・メクロン河川公害)	Not signed	Implemented by the assignment of experts, participation of counterparts in the training program in Japan, and the provision of equipment.
Afganistan	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	Malunda Timber Processing and Marketing Estate Project (マルング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 (カンピロンビ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 - Mkumbala 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 (658 Studies)

PROJECT SUMMARY (D/D)

Compiled March 1990
Revised March 1992

ASO BGD/S 401/77

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
2. NAME OF STUDY	Television Studio Construction Project	2. PROJECT COSTS	(US\$1=240yen)			
3. SECTOR	Communications & Broadcasting/ Broadcasting		Total Cost	Local Cost	Foreign Cost	<input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input checked="" type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Discontinued or Cancelled (Description) (FY 1991 Overseas survey) No additional information.
4. REFERENCE NO.		(US\$1,000)	1) 4,708			
5. TYPE OF STUDY	D/D		2)			
6. COUNTERPART AGENCY	Ministry of Information and Broadcasting		3)			
7. OBJECTIVES OF STUDY	Detailed design of an auditorium for the television studio	3. CONTENTS OF MAJOR PROJECT(S)	The study made a detailed design based on the basic design of the preliminary survey. - Auditorium (floor area 3,926 sq.m) - Related audio-visual facilities			
8. DATE OF S/W	April 1977	4. FEASIBILITY AND ITS ASSUMPTIONS	EIRR	FIRR		
9. CONSULTANT(S)		Feasibility:				
10. STUDY TEAM	No. of Members 7 Period Jul.1977 - Mar.1978 (8 months) Total M/M Japan Field	Conditions and Development Impacts:				
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY		5. TECHINCAL TRANSFER				
12. EXPENDITURE	Total 77,992 (¥'000) Contracted					
			2. MAJOR REASONS FOR PRESENT STATUS			
			3. PRINCIPAL SOURCES OF INFORMATION			
			①②			

和名 テレビジョンスタジオ建設計画

{F/S, (M/P)+F/S, D/D}

PROJECT SUMMARY (F/S)

Compiled March 1990
Revised March 1992

ASO BGD/A 301/79

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 checked="" type="checkbox"/> Implementing <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled
2. NAME OF STUDY	Narayanganj-Narsingdi Irrigation Project	2. PROJECT COSTS	US\$1=15Tk. Total Cost Local Cost Foreign Cost (US\$1,000) 1) 2) 3) 60,700 29,600 31,100			
3. SECTOR	Agriculture/ General	3. CONTENTS OF MAJOR PROJECT(S)	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			(Description) 1.Completion of Demonstration Unit Demonstration Unit of N-N Irrigation Project was executed on the south covering approx.1,300ha in this project area by Japanese Grant Aid in 1981 and completed on Mar.1984. 1981.10.20 Grant; E/N 840 million yen 1988.1.11 E/N 105 million yen 1988.9.7 E/N 536 million yen 1989.2.12 E/N 76 million yen (D/D) Consultant: Chuo Kaihatsu Corporation 2.Execution of Block A-1 Construction of N-N Irrigation Project was executed on Block A-1 in this Project Area on Sep.1987 by Japanese Grant Aid and is to complete on Mar.1992. Consultant: Japan Engineering Consultants Co.,Ltd. (FY 1991 Overseas Survey) 3.The project is largely delayed because of the difficulties of purchasing lands for the project.
4. REFERENCE NO.		Implementation Period:	fill after 14 years			
5. TYPE OF STUDY	F/S	4. FEASIBILITY AND ITS ASSUMPTIONS	EIRR	FIRR		
6. COUNTERPART AGENCY	Bangladesh Water Development Board(BWDB)	Feasibility:	Yes			
7. OBJECTIVES OF STUDY	Rice product increase through the improvement of irrigation, drainage and flood control	Conditions and Development Impacts:	Conditions: Benefit by the increase of net agricultural products Development Impacts: Increase of agricultural products and employment opportunity			
8. DATE OF S/W	March 1977					
9. CONSULTANT(S)	Japan Engineering Consultants Co.,Ltd.					
10. STUDY TEAM	No. of Members 10 Period Jul.1977 - Jul.1978 (12 months) Total M/M 59.30 Japan 34.80 Field 24.50					
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY						
12. EXPENDITURE	Total 119,306 (¥000) Contracted 109,935	5. TECHINICAL TRANSFER	OJT			
					2. MAJOR REASONS FOR PRESENT STATUS The difficulties of purchasing lands for the project delayed the progress of the project.	
					3. PRINCIPAL SOURCES OF INFORMATION ①, ②	

和名 N-N地区かんがい計画

{F/S, (M/P)+F/S, D/D}

PROJECT SUMMARY (F/S)

Compiled March 1988
Revised March 1992

ASO BGD/S 301/84

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 Chittagon			1. PRESENT STATUS
2. NAME OF STUDY	Meghna - Gumti Bridges Construction Project	2. PROJECT COSTS	(US\$1-230Yen)			
3. SECTOR	Transportation/ Road		Total Cost	Local Cost	Foreign Cost	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input checked="" type="checkbox"/> Implementing <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled (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) Construction scheduled to be completed in 1991. (FY 1991 Overseas Survey) 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.1992 Under construction
4. REFERENCE NO.			1)	66,000	37,000	
5. TYPE OF STUDY	F/S		2)			
6. COUNTERPART AGENCY	Roads and Highway Dept., MOC	3. CONTENTS OF MAJOR PROJECT(S)	3)			
7. OBJECTIVES OF STUDY	Construction of bridges					
8. DATE OF S/W	Dec. 1983	Implementation Period:		Mar.1987 - Feb.1991		
9. CONSULTANT(S)	Pacific Consultants International and Nippon Koei Co., Ltd.	4. FEASIBILITY AND ITS ASSUMPTIONS		EIRR 12.4%	FIRR	
10. STUDY TEAM	No. of Members 11 Period Feb.1984 - Mar.1985 (14 months) Total M/M 47.01 Japan 13.78 Field 33.23	Feasibility: Yes				
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY		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.				
12. EXPENDITURE	Total 194,993 (¥000) Contracted 156,339	5. TECHINCAL TRANSFER		- Overseas training for 2 counter part staffs - Employment of local consultants (for the D/D) - Supply of equipment and guidance (Boring machine for geological investigation)		
					2. MAJOR REASONS FOR PRESENT STATUS	
					This project is ranked as the top priority in the 5th National Five Year Plan.	
					3. PRINCIPAL SOURCES OF INFORMATION	
					①②	

和名 メグナ・メグナグムティ橋建設計画

{F/S, (M/P)+F/S, D/D}

PROJECT SUMMARY (F/S)

Compiled March 1988
Revised March 1992

ASO BGD/S 302/85

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		
2. NAME OF STUDY	Establishment of Railway Carriage and Wagon Manufacturing Plant	2. PROJECT COSTS	(US\$1=26.0Taka)		
3. SECTOR	Transportation/ Railway		Total Cost	Local Cost	Foreign Cost
4. REFERENCE NO.			1) 122,000	59,000	63,000
5. TYPE OF STUDY	F/S		2)		
6. COUNTERPART AGENCY	Bangladesh Railway	3. CONTENTS OF MAJOR PROJECT(S)	3)		
7. OBJECTIVES OF STUDY	F/S for a passenger and freight car manufacturing workshop for Bangladesh Railway	1. Manufacturing workshop for passenger and freight cars (annual production): Total area---239,000sqm Passenger cars---120 Freight cars---900			
8. DATE OF S/W	Feb. 1984	2. Administrative offices and other necessary facilities: Houses for personnel---1,300			
9. CONSULTANT(S)	Japan Railway Technical Service	Implementation Period: Jan.1989 - Dec.1996			
10. STUDY TEAM	No. of Members 11 Period Nov.1984 - Nov.1985 (13 months) Total M/M 45.49 Japan 31.72 Field 13.77	4. FEASIBILITY AND ITS ASSUMPTIONS	EIRR 9.42%	FIRR 10.63%	
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	None	Feasibility: Yes			
12. EXPENDITURE	Total 132,375 (¥000) Contracted 125,519	Conditions and Development Impacts: 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) 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			
		5. TECHNICAL TRANSFER	One counterpart received training from JICA.		
			<p>1. PRESENT STATUS</p> <p><input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting</p> <p><input type="checkbox"/> Completed <input checked="" type="checkbox"/> Delayed or Suspended</p> <p><input type="checkbox"/> Implementing <input type="checkbox"/> Discontinued or Cancelled</p> <p><input type="checkbox"/> Processing</p> <p>(Description)</p> <p>After completion of the F/S, the project was suspended. Strengthening of railway capacity by increasing the number of passenger and freight cars is very important to Bangladesh. However, this has not yet been realized due to the emphasis on the restoration of the entire railway damaged by natural disasters. Continued political destabilization delayed the implementation of the project.</p> <p>(FY 1991 Overseas Survey)</p> <p>From July through September 1987, Bangladesh was hit by a flood, the severest one in these 40 years. As a result, railway routes were disrupted in many places and cut into more than 300 sections. Although efforts were made for the restoration, damages were caused again in 1991 by a hurricane. Under such circumstances, this project is no in suspension.</p> <p>No aid is given to this sector by the World Bank and the other donor agencies, because this sector holds problems in management.</p>		
			2. MAJOR REASONS FOR PRESENT STATUS		
			See above. The shortage of funds for this project through domestic social problems (natural disasters), and negative policies of donor agencies toward the railway development project delayed this project.		
			3. PRINCIPAL SOURCES OF INFORMATION		
			①②		

PROJECT SUMMARY (M/P + F/S)

Compiled March 1990
Revised March 1992

ASO BGD/S 201A /87

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS		III. PRESENT STATUS OF USE OF STUDY RESULTS	
1. COUNTRY	Bangladesh	1. SITE OR AREA	Ports at Dhaka and Narayanganj		1. PRESENT STATUS <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued
2. NAME OF STUDY	Development Project of Dhaka and Narayanganj Ports	2. COSTS OF PROPOSED PLAN OR MAJOR PROJECTS	Total Cost	Local Cost	
3. SECTOR	Transportation/ Port	(US\$1,000)	1) 56,800		
4. REFERENCE NO.		2)			
5. TYPE OF STUDY	M/P+(F/S)	3. MAJOR PROJECT(S) PROPOSED	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		
6. COUNTERPART AGENCY	Bangladesh Inland Water Transport Authority	4. CONDITIONS AND DEVELOPMENT IMPACTS	- To smooth the function of port and to strengthen the function of cargo transportation - Support for the future urban development		
7. OBJECTIVES OF STUDY	Formulation of a development plan including expansion and re-allocation of the present facilities	5. TECHINICAL TRANSFER	Prepared a report in cooperation with counterpart.		
8. DATE OF S/W	July 1985	12. EXPENDITURE	Total	156,692 (¥'000)	
9. CONSULTANT(S)	Overseas Coastal Area Development Institute of Japan	Contracted		158,599	
10. STUDY TEAM	No. of Members 9 Period Jan.1986 - Oct.1987 (22 months) Total M/M 52.51 Japan 27.33 Field 25.18	11. ASSOCIATED AND/OR SUBCONTRACTED STUDY			
				3. PRINCIPAL SOURCES OF INFORMATION	
				①②	
				2. MAJOR REASONS FOR PRESENT STATUS	
				The political situation has been changed. Financial difficulties due to the shortage of foreign currency.	

和名 ダッカ・ナラヤンガンジ港整備計画

{M/P, M/P+(F/S), Basic Study, Other}

PROJECT SUMMARY (M/P + F/S)

ASO BGD/S 201B /87

Compiled March 1990
Revised March 1992

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 type="checkbox"/> Completed or in Progress <input checked="" type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Discontinued or Cancelled
2. NAME OF STUDY	Development Project of Dhaka and Narayanganj Ports	2. PROJECT COSTS	(US\$1=31.5Tk) Total Cost Local Cost Foreign Cost 1) 9,619 3,180 (US\$1,000) 2) 3)		
3. SECTOR	Transportation/ Port	3. CONTENTS OF MAJOR PROJECT(S)	The short-term development plan: - 4 floating wharfs for general cargo - 2 warehouses - open yard, and access roads - new handling equipment Implementation Period: May 1985 - 1991		(Description) The government is preparing a request for a yen loan. Planning Commission of the Government of Bangladesh instructed to prepare a project paper for the combination of Cargo Handling Facilities and Container Terminal Projects to BIWTA in April 1991. The request for OECF Loan of FY1992 of GOJ has submitted by GOB in the end of October 1991 to GOJ. (FY1991 Overseas Survey) No additional information.
4. REFERENCE NO.		4. FEASIBILITY AND ITS ASSUMPTIONS	EIRR FIRR 17.8% Feasibility: Yes Conditions and Development Impacts: - 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		
5. TYPE OF STUDY	(M/P)+F/S	5. TECHNICAL TRANSFER			
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	July 1985				
9. CONSULTANT(S)	Overseas Coastal Area Development Institute of Japan				
10. STUDY TEAM	No. of Members 9 Period Jan.1986 - Oct.1987 (22 months) Total M/M 52.51 Japan 27.33 Field 25.18				
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY					
12. EXPENDITURE	Total 156,692 (Y'000) Contracted 158,599				
			2. MAJOR REASONS FOR PRESENT STATUS		
			3. PRINCIPAL SOURCES OF INFORMATION		
			①②		

和名 ダッカ・ナラヤンガンジ港整備計画

(F/S, (M/P)+F/S, D/D)

PROJECT SUMMARY (F/S)

ASO BGD/A 302/88

Compiled March 1990
Revised March 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="checkbox"/> Delayed or Suspended <input type="radio"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="radio"/> Processing																																																			
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 COSTS				(Description) The official request for loan project in 9,000 ha area of Paba District was made by the Government of Bangladesh in 1990. The survey mission dispatched then concluded that the supply of yen credit was premature.																																																				
4. REFERENCE NO.		Total Cost Local Cost Foreign Cost (US\$1,000) 1) 151,000 79,800 71,200 2) 3)																																																								
5. TYPE OF STUDY	F/S	3. CONTENTS OF MAJOR PROJECT(S)																																																								
6. COUNTERPART AGENCY	Bangladesh Water Development Board (BWDB)	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th rowspan="2">Intake Capacity (m³/sec)</th> <th rowspan="2">Diameter (mm)</th> <th colspan="2">Type of Pump</th> <th rowspan="2">Main Canal (Km)</th> <th rowspan="2">Branch Canal (Km)</th> </tr> <tr> <th>Unit Capacity (m³/sec)</th> <th>Motor Output (Kw/Unit)</th> </tr> </thead> <tbody> <tr> <td>Barindo district</td> <td>44.24</td> <td></td> <td></td> <td></td> <td>49</td> <td>445</td> </tr> <tr> <td>Vertical</td> <td></td> <td>1,650</td> <td>4</td> <td>6.65</td> <td>2,390</td> <td></td> </tr> <tr> <td>Mixed</td> <td></td> <td>1,350</td> <td>4</td> <td>4.00</td> <td>1,460</td> <td></td> </tr> <tr> <td>Paba district</td> <td>9.44</td> <td></td> <td></td> <td></td> <td>14</td> <td>82</td> </tr> <tr> <td>Vertical</td> <td></td> <td>1,350</td> <td>1</td> <td>4.12</td> <td>720</td> <td></td> </tr> <tr> <td>Mixed</td> <td></td> <td>1,000</td> <td>2</td> <td>2.07</td> <td>370</td> <td></td> </tr> </tbody> </table>							Intake Capacity (m ³ /sec)	Diameter (mm)	Type of Pump		Main Canal (Km)	Branch Canal (Km)	Unit Capacity (m ³ /sec)	Motor Output (Kw/Unit)	Barindo district	44.24				49	445	Vertical		1,650	4	6.65	2,390		Mixed		1,350	4	4.00	1,460		Paba district	9.44				14	82	Vertical		1,350	1	4.12	720		Mixed		1,000	2	2.07	370	
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Vertical		1,350	1	4.12	720																																																					
Mixed		1,000	2	2.07	370																																																					
7. OBJECTIVES OF STUDY	Feasibility study on the improvement of invigation and drainage systems including agricultural plan	Implementation Period: Jul.1987 - Jun.1988																																																								
8. DATE OF S/W	Feb.1987	4. FEASIBILITY AND ITS ASSUMPTIONS		BIRR	FIRR																																																					
9. CONSULTANT(S)	Sanyu Consuntants Inc. (Taiyo Consultants Co., Ltd.)	Feasibility: Yes		18.4%	13.6%																																																					
10. STUDY TEAM	No. of Members 12 Period Jul.1987 - Jun.1988 (11 months) Total M/M 74.74 Japan 32.15 Field 42.59	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.				2. MAJOR REASONS FOR PRESENT STATUS																																																				
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY		5. TECHINICAL TRANSFER				3. PRINCIPAL SOURCES OF INFORMATION																																																				
12. EXPENDITURE	Total 222,324 (¥000) Contracted 211,428	The technical transfer was given in the joint field survey with counterpart staffs and two of them were invited to the seminar in Japan.				① ②																																																				

和名 ラジャシャヒ北部かんがい計画

(F/S, (M/P)+F/S, D/D)

PROJECT SUMMARY (M/P)

Compiled March 1990
Revised March 1992

ASO BGD/A 101/89

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS		III. PRESENT STATUS OF USE OF STUDY RESULTS	
1. COUNTRY	Bangladesh	1. SITE OR AREA	Homna Sub-district and Daudkandi Sub-district		1. PRESENT STATUS <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued
2. NAME OF STUDY	Model Rural Development Project for Homna and Daudkandi Upazila Comilla District	2. COSTS OF PROPOSED PLAN OR MAJOR PROJECTS	Total Cost	Local Cost	
3. SECTOR	Agriculture/ General	(US\$1,000)	1) 121,000		
4. REFERENCE NO.		2)			
5. TYPE OF STUDY	M/P	3. MAJOR PROJECT(S) PROPOSED	The following projects were selected in the two object districts:		
6. COUNTERPART AGENCY	LGEB BRDB	1. Fresh water fishery (Rehabilitation of ponds)	Daudkandi 330 sites	Homna 170 sites	
7. OBJECTIVES OF STUDY	To formulate a master plan on the model rural development for Comilla District	2. Rehabilitation of existing canals	125.4 km	17.6 km	
8. DATE OF S/W	Feb. 1988	3. Construction of Rural roads	47.9 km	30.8 km	
9. CONSULTANT(S)	Nippon Koei Co., Ltd. Taiyo Consultants Co., Ltd.	4. Bridges	20 sites	15 sites	
10. STUDY TEAM	No. of Members 10 Period Oct. 1988 - Sep. 1989 (12 months) Total M/M 46.20 Japan 21.33 Field 24.87	5. Communication Center Building cum Home Industry Center	31 places	16 places	
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY		4. CONDITIONS AND DEVELOPMENT IMPACTS	By the completion of the proposed projects aiming at increasing production of agriculture, fresh water fishery, rural and home industry, etc., it is possible to create large opportunity of employment and gross income for low income villagers in the object rural areas.		
12. EXPENDITURE	Total 146,582 (¥000) Contracted 136,092	5. TECHNICAL TRANSFER	Technology transfer to counterparts in the course of the study.		
					2. MAJOR REASONS FOR PRESENT STATUS This is integrated into the fourth Five-Year Plan.
					3. PRINCIPAL SOURCES OF INFORMATION ①, ②

和名 モデル農村開発計画

{M/P, M/P+(F/S), Basic Study, Other}

PROJECT SUMMARY (F/S)

ASO BGD/S 305/89

Compiled March 1991
Revised March 1992

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="checkbox"/> Completed <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input checked="" type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Discontinued or Cancelled
2. NAME OF STUDY	Optimization of Capacity Utilization and Improvement of Performance of Chittagong Dry Dock	2. PROJECT COSTS	(US\$1=32.3 Taka)			
3. SECTOR	Transportation/ Marine Transportation & Ships		Total Cost	Local Cost	Foreign Cost	(Description) <FY1991 Overseas Survey> No further development. The approach from the Bangladesh side.
4. REFERENCE NO.		(US\$1,000)	8,972	3,306	5,665	
5. TYPE OF STUDY	F/S	1)				
6. COUNTERPART AGENCY	Bangladesh Steel & Engineering Corporation (BSEC)	2)				
7. OBJECTIVES OF STUDY	Study for the optimization of capacity utilization and improvement of performance of Chittagong Dry Dock Ltd.	3)				
8. DATE OF S/W	Aug.1988	3. CONTENTS OF MAJOR PROJECT(S)	Slipway for small ship repair 18.30m X 145.00m Galvanizing Shop and Machinery and Equipment			
9. CONSULTANT(S)	Overseas Ship Building Cooperation Center Mitsui Engineering & Ship Building Co.,Ltd.	Implementation Period:	Jul.1992 - Jul.1994			
10. STUDY TEAM	No. of Members 8 Period Mar.1989 - Feb.1990 (11 months) Total M/M 45.04 Japan 29.17 Field 15.87	4. FEASIBILITY AND ITS ASSUMPTIONS	EIRR	FIRR		
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	Study of the Repair Shipyard in Singapore (Result of Repair and Technical Assistant)	Feasibility:	27.0%	12.4%		
12. EXPENDITURE	Total 142,287 (¥'000) Contracted 133,898	Conditions and Development Impacts: Following results are expected.	1.FIRR 12.4% EIRR 27.0% 2.Increase of employment 3.Development of the related industries			
		5. TECHNICAL TRANSFER	Technical training for the counterparts was carried out by JICA's expense during this study			
			2. MAJOR REASONS FOR PRESENT STATUS			
			Because of internal problems within Bangladesh			
			3. PRINCIPAL SOURCES OF INFORMATION			
			①②			

和名 チックゴン造船所整備計画

(F/S, (M/P)+F/S, D/D)

PROJECT SUMMARY (F/S)

ASO BGD/S 304/89

Compiled March 1991
Revised March 1992

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS		III. PRESENT STATUS OF STUDIED PROJECT																					
1. COUNTRY	Bangladesh	1. SITE OR AREA	Chittagong Airport																						
2. NAME OF STUDY	Development of Chittagong Airport	2. PROJECT COSTS	<table border="1"> <tr> <td></td> <td>Total Cost</td> <td>Local Cost</td> <td colspan="2">Foreign Cost</td> </tr> <tr> <td>(US\$1,000)</td> <td>1) 52,598</td> <td>11,748</td> <td colspan="2">40,850</td> </tr> <tr> <td></td> <td>2)</td> <td></td> <td colspan="2"></td> </tr> <tr> <td></td> <td>3)</td> <td></td> <td colspan="2"></td> </tr> </table>				Total Cost	Local Cost	Foreign Cost		(US\$1,000)	1) 52,598	11,748	40,850			2)					3)			
	Total Cost	Local Cost	Foreign Cost																						
(US\$1,000)	1) 52,598	11,748	40,850																						
	2)																								
	3)																								
3. SECTOR	Transportation/ Air Transportation & Airport	3. CONTENTS OF MAJOR PROJECT(S)	(Description) 1991.7 OCEF Appraisal Mission Early 1992 L/A expected <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.																						
4. REFERENCE NO.		-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)																							
5. TYPE OF STUDY	F/S	Implementation Period:	1990 - 1994																						
6. COUNTERPART AGENCY	Ministry of Civil Aviation and Tourism Civil Aviation Authority	4. FEASIBILITY AND ITS ASSUMPTIONS	BIRR	FIRR																					
7. OBJECTIVES OF STUDY	Preparation of a feasibility study on the improvement of existing Chittagong Airport	Feasibility: Yes	15.0%																						
8. DATE OF S/W	Aug. 1988	Conditions and Development Impacts:	-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 a spare airport of Zia International Airport																						
9. CONSULTANT(S)	Pacific Consultants International																								
10. STUDY TEAM	No. of Members 7 Period Nov. 1988 - Sep. 1989 (11 months) Total M/M 33.56 Japan 18.34 Field 15.22	5. TECHNICAL TRANSFER	-Planning and design of airport facilities -Evaluation method of aircraft noise on surrounding area -Economic and financial assessment of airport project																						
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	Topographic Survey/Soil investigation																								
12. EXPENDITURE	Total 113,684 (¥000) Contracted 103,590		2. MAJOR REASONS FOR PRESENT STATUS -Financial difficulties due to the shortage of foreign currency -The accumulated debt																						
			3. PRINCIPAL SOURCES OF INFORMATION ①②																						

和名 チッタゴン国際空港開発計画

(F/S, (M/P)+F/S, D/D)

PROJECT SUMMARY (F/S)

ASO BGD/S 307/90

Compiled March 1992
Revised March 1992

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 type="checkbox"/> Completed or in Progress <input type="checkbox"/> Completed <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input checked="" type="checkbox"/> Promoting <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Discontinued or Cancelled
2. NAME OF STUDY	Development Project of Container Terminal at Dhaka-Narayanganj Port	2. PROJECT COSTS	Total Cost	Local Cost	
3. SECTOR	Transportation/ Port		(US\$1,000) 1) 46,381	2) 16,970	3) 29,411
4. REFERENCE NO.		3. CONTENTS OF MAJOR PROJECT(S)	* 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		
5. TYPE OF STUDY	F/S	Implementation Period:	1993 - 1995		
6. COUNTERPART AGENCY	Bangladesh Inland-waterway Transport Authority (BIWTA)	4. FEASIBILITY AND ITS ASSUMPTIONS	EIRR	FIRR	
7. OBJECTIVES OF STUDY	1. To prepare Master Plan for the development of a container terminal with a target year of 2005. 2. Short-term Plan and F/S with a target year of 1995.	Feasibility:	14.7%	12.7%	
8. DATE OF S/W	Jul.3, 1989	Conditions and Development Impacts:	Development Impact 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		
9. CONSULTANT(S)	The Overseas Coastal Area Development Institute of Japan (OCDI) Nippon Koei Co., Ltd.	5. TECHNICAL TRANSFER	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.		
10. STUDY TEAM	No. of Members 9 Period Nov.1989 - Mar.1991 (16 months) Total M/M 68.3 Japan 36.8 Field 31.5	11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	1. O/D investigation 2. Soil materials survey 3. Topographic survey and river-bed sounding		
12. EXPENDITURE	Total 230,015 (¥'000) Contracted 223,231	12. MAJOR REASONS FOR PRESENT STATUS			
		3. PRINCIPAL SOURCES OF INFORMATION	①②		

和名 ダッカ港コンテナ・ターミナル整備計画

(F/S, (M/P)+F/S, D/D)

PROJECT SUMMARY (F/S)

Compiled March 1992
Revised March 1992

ASO BGD/A 303/90

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS		III. PRESENT STATUS OF STUDIED PROJECT	
1. COUNTRY	Bangladesh	1. SITE OR AREA	The study area is located in 4 Upazilas : Kurigram, Bhurungamari, Fulbari and Nageswari in the Kurigram District, adjoining of the West Bengal of India.		
2. NAME OF STUDY	Kurigram Irrigation and Flood Control Project - North Unit	2. PROJECT COSTS	US\$=148.5yen		
3. SECTOR	Agriculture/ General		Total Cost	Local Cost	Foreign Cost
4. REFERENCE NO.			1) 98,826	45,655	53,171
5. TYPE OF STUDY	F/S		2)		
6. COUNTERPART AGENCY	Bangladesh Water Development Board (BWDB)	3. CONTENTS OF MAJOR PROJECT(S)	3)		
7. OBJECTIVES OF STUDY	To formulate plans for irrigation and drainage development as well as flood control which will be toward the increase and improvement of agricultural products		To measure plans for irrigation, river flood embarkment, drainage facilities improvement and agricultural supporting systems.		
8. DATE OF S/W	Feb. 1989	4. FEASIBILITY AND ITS ASSUMPTIONS	EIRR	FIRR	
9. CONSULTANT(S)	Taiyo Consultants Co., Ltd. Sanyu Consultants Inc.		19.7%	9.6%	
10. STUDY TEAM	No. of Members 10 Period Jul. 1989 - Oct.1990 (16 months) Total M/M 62.97 Japan 25.43 Field 37.54	Feasibility:	Implementation Period: Jul.1989 - Oct.1990		
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	Topographic and canal survey Soil mechanics and boring survey Soil analysis Questionnaire survey	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.		
12. EXPENDITURE	Total 211,998 (¥000) Contracted 203,192	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.	5. TECHNICAL TRANSFER		
		2 persons under BWDB received for technical training in Japan	3. PRINCIPAL SOURCES OF INFORMATION		
			①, ②		
			2. MAJOR REASONS FOR PRESENT STATUS		
			In accordance with the present flood control, it became clear that the result of this F/S might not be applicable.		
			1. PRESENT STATUS		
			<input type="checkbox"/> Completed or in Progress <input checked="" type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="checkbox"/> Processing		
			(Description)		
			In 1990 F/S of the project was finished. The possibility of OECF loan is checked by the Embassy of Japan in Bangladesh and the Ministry of Agriculture, Forestry and Fisheries (MAFF) in Japan. <FY1991 Overseas Survey> The project contents need to be reviewed in relation to the present flood control.		

和名 クリグラム北部灌漑排水計画

(F/S, (M/P)+F/S, D/D)

PROJECT SUMMARY (F/S)

Compiled March 1990
Revised March 1992

ASO BTN/A 301/88

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS		III. PRESENT STATUS OF STUDIED PROJECT										
1. COUNTRY	Bhutan	1. SITE OR AREA	Lhuntsi and Mongar Districts (Area:560,000ha, Population-Lhuntsi District:42,100, Mongar District:77,200)		1. PRESENT STATUS <input type="checkbox"/> Completed or in Progress <input type="checkbox"/> Completed <input type="checkbox"/> Implementing <input type="checkbox"/> Processing <input checked="" type="checkbox"/> Promoting <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Discontinued or Cancelled									
2. NAME OF STUDY	Luntch-Mongar Integrated Agricultural Development Project	2. PROJECT COSTS	US\$1=14Nu. Total Cost Local Cost Foreign Cost 1) 8,586 2,336 6,250 (US\$1,000) 2) 3)											
3. SECTOR	Agriculture/ General	3. CONTENTS OF MAJOR PROJECT(S)	Following two development projects are selected as model development: <table border="1"> <thead> <tr> <th>Site</th> <th>Area</th> <th>Development Plan</th> </tr> </thead> <tbody> <tr> <td>Tangmachhu</td> <td>478 (ha)</td> <td>Irrigation and Drainage facilities, Feeder Road Construction, Agro-Industry development, etc.</td> </tr> <tr> <td>Masangdaza</td> <td>123 (ha)</td> <td>Irrigation and Drainage facilities, Feeder Road Construction, Agro-mechanization, etc.</td> </tr> </tbody> </table>		Site	Area	Development Plan	Tangmachhu	478 (ha)	Irrigation and Drainage facilities, Feeder Road Construction, Agro-Industry development, etc.	Masangdaza	123 (ha)	Irrigation and Drainage facilities, Feeder Road Construction, Agro-mechanization, etc.	(Description) Bhutan government may request grant aid for the projects
Site	Area	Development Plan												
Tangmachhu	478 (ha)	Irrigation and Drainage facilities, Feeder Road Construction, Agro-Industry development, etc.												
Masangdaza	123 (ha)	Irrigation and Drainage facilities, Feeder Road Construction, Agro-mechanization, etc.												
4. REFERENCE NO.		4. FEASIBILITY AND ITS ASSUMPTIONS	Implementation Period: Jul.1989 - Mar.1992 EIRR FIRR 1) 4.6% * 2) 3.8% * Feasibility: Yes Conditions and Development Impacts: Condition: Only benefit from irrigation development is calculated, and benefit from feeder road development is not calculated Impacts: 1) Activation of regional economy 2) Expenses Saving and export earning 3) Spreading effects to other areas 4) Effective utilization of available labour force 5) Strengthening of farmer's organization *EIRR 1) is for Tangmachhu and 2) is for Masangdaza.											
5. TYPE OF STUDY	F/S	5. TECHINCAL TRANSFER	Technology transfer to counterparts in the course of the Study		2. MAJOR REASONS FOR PRESENT STATUS									
6. COUNTERPART AGENCY	Ministry of Agriculture and Forestry	10. STUDY TEAM	No. of Members 7 Period Dec.1987 - Nov.1988 (12 months) Total M/M 42.10 Japan 10.00 Field 32.10											
7. OBJECTIVES OF STUDY	To formulate an Integrated Agricultural Development plan for the object area and to assess its technical soundness and economic viability.	11. ASSOCIATED AND/OR SUBCONTRACTED STUDY			3. PRINCIPAL SOURCES OF INFORMATION ①									
8. DATE OF S/W	July 1986	12. EXPENDITURE	Total 137,883 (¥000) Contracted 131,476											
9. CONSULTANT(S)	Nippon Koei Co., Ltd. Nippon Giken Inc.													

和名 ルンチ・モンガル農業総合開発計画

(F/S, (M/P)+F/S, D/D)

PROJECT SUMMARY (Other)

Compiled March 1986
Revised March 1992

ASO BRNS 601/83

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS		III. PRESENT STATUS OF USE 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. COSTS OF PROPOSED PLAN OR MAJOR PROJECTS	(US\$1=232.2 yen) 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, nearing completion now. 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.	
3. SECTOR	Social Infrastructures/ Architecture & Housing	(US\$1,000)	1) 2,373 2)		
4. REFERENCE NO.		3. MAJOR PROJECT(S) PROPOSED			
5. TYPE OF STUDY	Other	The Government Printing Dept. is unable to print the publications of the various Ministries which have been increasing rapidly due to the imminent Independence. The study suggested measures to improve the operation of the Dept.			
6. COUNTERPART AGENCY	Government Printing Dept.	4. CONDITIONS AND DEVELOPMENT IMPACTS			
7. OBJECTIVES OF STUDY	Proposal on Improving of Government Printing Dept.	The project will expand the capacity and raise the efficiency of the Government Printing Dept., and contribute to the skill upgrading of manpower.			
8. DATE OF S/W		5. TECHINCAL TRANSFER			
9. CONSULTANT(S)	Kokuyo Inc.				
10. STUDY TEAM	No. of Members 7 Period Sep.1983 - Jan.1984 (4 months) Total M/M 4.32 Japan 2.67 Field 1.65				
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	None				
12. EXPENDITURE	Total 14,688 (¥000) Contracted 11,287				
				2. MAJOR REASONS FOR PRESENT STATUS	②
				3. PRINCIPAL SOURCES OF INFORMATION	②

和名 印刷局改善計画

(M/P, M/P+(F/S), Basic Study, Other)

PROJECT SUMMARY (M/P)

Compiled March 1988
Revised March 1992

ASO BRN/S 101/85

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF USE OF STUDY RESULTS	
1. COUNTRY	Brunei	1. SITE OR AREA	Urban area and its outskirts			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	2. COSTS OF PROPOSED PLAN OR MAJOR PROJECTS	B\$1=US\$0.48 Total Cost Local Cost Foreign Cost			
3. SECTOR	Transportation/ General	(US\$1,000)	1) 72,900			(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 Ministry of Transport and Communications is preparing documents for requesting Japanese assistance on transportation development, utilizing the findings of the JICA study. 2. MAJOR REASONS FOR PRESENT STATUS Government investment is progressing to an improvement of road network. However, the government financial support is strongly necessary to improve the public bus operation. 3. PRINCIPAL SOURCES OF INFORMATION ①②
4. REFERENCE NO.		3. MAJOR PROJECT(S) PROPOSED				
5. TYPE OF STUDY	M/P	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				
6. COUNTERPART AGENCY	Land Transport Dept.	4. CONDITIONS AND DEVELOPMENT IMPACTS				
7. OBJECTIVES OF STUDY	Preparation of a Master Plan for the improvement and an intermediate programme of the Public Transport System	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 20%, therefore, Government financial supports are necessary.				
8. DATE OF S/W	Mar. 1984	5. TECHINCAL TRANSFER				
9. CONSULTANT(S)	Japan Engineering Consultants Co., Ltd.	1. On the job training 2. Cooperative work for the report preparation				
10. STUDY TEAM	No. of Members 9 Period Jul.1984 - Mar.1985 (7.5 months) Jun.1985 - Jul.1985 (1 months) Total M/M 33.63 Japan 19.20 Field 14.43					
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	None					
12. EXPENDITURE	Total 93,943 (¥'000) Contracted 82,647					

和名 公共交通網整備計画

{M/P, M/P+(F/S), Basic Study, Other}

PROJECT SUMMARY (Other)

Compiled March 1990
Revised March 1992

ASO CHN/S 601/79

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF USE OF STUDY RESULTS																												
1. COUNTRY	China	1. SITE OR AREA	Shijiusuo and Qinhuangdao			1. PRESENT STATUS	<input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued																										
2. NAME OF STUDY	(Port Construction)	2. COSTS OF PROPOSED PLAN OR MAJOR PROJECTS	Total Cost	Local Cost	Foreign Cost																												
3. SECTOR	Transportation/ Port	(US\$1,000)	1)			(Description) OECF loans have been agreed as follows. <table border="1" style="margin-left: 40px;"> <thead> <tr> <th></th> <th>Shijusuo Port</th> <th>-Shijusuo Railway Construction</th> <th>Beijing-Qinhuangdas 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)					Shijusuo Port	-Shijusuo Railway Construction	Beijing-Qinhuangdas 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
	Shijusuo Port	-Shijusuo Railway Construction	Beijing-Qinhuangdas Railway Improvement																														
Apr.1980	7,085	10,100	2,500																														
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4. REFERENCE NO.		3. MAJOR PROJECT(S) PROPOSED	Feasibility study on Shijiusuo as a port of coal export and iron ore import and on Qinhuangdao as a port of coal export.																														
5. TYPE OF STUDY	Other																																
6. COUNTERPART AGENCY	National Basic Construction Committee																																
7. OBJECTIVES OF STUDY																																	
8. DATE OF S/W		4. CONDITIONS AND DEVELOPMENT IMPACTS	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.																														
9. CONSULTANT(S)	Overseas Coastal Area Development Institute of Japan																																
10. STUDY TEAM	No. of Members 11 Period 1980.1 - 1980.2 (1 months) Total M/M Japan Field																																
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY		5. TECHNICAL TRANSFER																															
12. EXPENDITURE	Total Contracted 8,186 (¥000)					2. MAJOR REASONS FOR PRESENT STATUS																											
						3. PRINCIPAL SOURCES OF INFORMATION	①																										

和名 港湾建設計画

{M/P, M/P+(F/S), Basic Study, Other}

PROJECT SUMMARY (Other)

Compiled March 1986
Revised March 1992

ASO CHN/S 602/81

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF USE OF STUDY RESULTS		
1. COUNTRY	China	1. SITE OR AREA	Beijing - Tianjin and Beijing - Hengyang			1. PRESENT STATUS	<input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued
2. NAME OF STUDY	*Railway Modernization Project	2. COSTS OF PROPOSED PLAN OR MAJOR PROJECTS	Total Cost	Local Cost	Foreign Cost	(Description)	
3. SECTOR	Transportation/ Railway	(US\$1,000)	1)				
4. REFERENCE NO.		3. MAJOR PROJECT(S) PROPOSED	2)				
5. TYPE OF STUDY	Other	A group of long-term and short-term experts was assigned to assist for the modernization of Chinese railways.					
6. COUNTERPART AGENCY	Dept. of Railway	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.					
7. OBJECTIVES OF STUDY	Technical cooperation	4. CONDITIONS AND DEVELOPMENT IMPACTS					
8. DATE OF S/W	Mar. 1979	The study will contribute to the modernization of Chinese railways.					
9. CONSULTANT(S)		5. TECHINICAL TRANSFER					
10. STUDY TEAM	No. of Members 44 Period 1979.7 - 1981.9 (26 months) Total M/M Japan Field	2. MAJOR REASONS FOR PRESENT STATUS					
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY		3. PRINCIPAL SOURCES OF INFORMATION					
12. EXPENDITURE	Total Contracted 47,756 (¥000)	①					

和名 鉄道近代化計画

{M/P, M/P+(F/S), Basic Study, Other}

PROJECT SUMMARY (F/S)

Compiled March 1988
Revised March 1992

ASO CHN/S 302/84

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDIED PROJECT																					
1. COUNTRY	China	1. SITE OR AREA	Between Hengyang and Kwangchow--Section 1 Between Zhengzhou and Baoji--Section 2		1. PRESENT STATUS	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="checkbox"/> Processing																				
2. NAME OF STUDY	*Double Tracking and Electrification Project of Railways between Hengyang and Kwangchow, and Electrification Project of Railways between Chengchow and Paoki	2. PROJECT COSTS	(US\$1=251 yen)			(Description)	- Detailed designs were completed by the Ministry of Railways - OECF loans approved are as follows.																			
3. SECTOR	Transportation/ Railway		Total Cost	Local Cost	Foreign Cost		<table border="1"> <thead> <tr> <th></th> <th>Hengyang - Kwangchow</th> <th>Zhengzhou - Baoji</th> </tr> </thead> <tbody> <tr> <td>Oct.1984</td> <td>10,192</td> <td>7,575</td> </tr> <tr> <td>Aug.1985</td> <td>26,822</td> <td>13,258</td> </tr> <tr> <td>Jun.1986</td> <td>24,491</td> <td>9,462</td> </tr> <tr> <td>Jul.1987</td> <td>8,789</td> <td>31,396</td> </tr> <tr> <td>Aug.1988</td> <td>-</td> <td>7,500</td> </tr> </tbody> </table> (million yen)			Hengyang - Kwangchow	Zhengzhou - Baoji	Oct.1984	10,192	7,575	Aug.1985	26,822	13,258	Jun.1986	24,491	9,462	Jul.1987	8,789	31,396	Aug.1988	-	7,500
	Hengyang - Kwangchow	Zhengzhou - Baoji																								
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Jun.1986	24,491	9,462																								
Jul.1987	8,789	31,396																								
Aug.1988	-	7,500																								
4. REFERENCE NO.		3. CONTENTS OF MAJOR PROJECT(S)	Railway improvement (partial electrification and track construction)		The project is completed.																					
5. TYPE OF STUDY	F/S		1) Section 1 (Hengyang - Kwangchow) Extension of existing track: 270km Construction of double track: 244km Abolition of single track: 271km Electrification of track: 155km																							
6. COUNTERPART AGENCY	Planning and Statistics Bureau, Ministry of Railways		2) Section 2 (Chengchow - Paoki) Electrification of double track: 684km(entire section)																							
7. OBJECTIVES OF STUDY	F/S for transport capacity reinforcement(double tracking electrification, structure reinforcement, etc.)	Implementation Period:	Jan.1984 - Dec.1988																							
8. DATE OF S/W	June 1983	4. FEASIBILITY AND ITS ASSUMPTIONS	EIRR	FIRR																						
9. CONSULTANT(S)	Japan Railway Technical Service	Feasibility:	Yes																							
10. STUDY TEAM	No. of Members 20 Period 1983.7 - 1984.8 (13 months) Total M/M 81.11 Japan 57.05 Field 24.06	Conditions and Development Impacts:	1) 30.13% 8.7% 2) 41.66% 19.4%		2. MAJOR REASONS FOR PRESENT STATUS																					
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	none	1. Preconditions · 1yuan=125yen · Service life: Based on counterpart's materials and results in JNR. · Project life: 30 years · Inflation: excluded from analysis. · Traffic volume=ordinary traffic + transfer traffic · No increase in transport demand after 2000.	2. Development impacts · Time saving(railway passenger benefit) · Reduction in freight transport cost (benefit for railway freight consignors) · Creation of employment opportunities		1. Large economic effects, such as an increase in transport capacity 2. High priority given to this project by China in promoting modernization 3. Vigorous promotion of the project by the Chinese Ministry of Railways																					
12. EXPENDITURE	Total 207,700 (¥'000) Contracted 203,558	5. TECHNICAL TRANSFER	The study term prepared and submitted to the counterparts technical reports (site reports, minutes of discussion, etc.).		3. PRINCIPAL SOURCES OF INFORMATION																					
					①																					

和名 鄭州・宝鷄間複線鐵道電化計畫、衡陽・広州間鐵道複線化及び電化計畫

{F/S, (M/P)+F/S, D/D}

PROJECT SUMMARY (F/S)

Compiled March 1988
Revised March 1992

ASO CHN/S 301/84

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDIED PROJECT																																		
1. COUNTRY	China	1. SITE OR AREA	1. Qinhuangdao 2. Lianyungang 3. Qingdao		1. PRESENT STATUS	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Delayed or Suspended <input checked="" type="checkbox"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="checkbox"/> Processing																																	
2. NAME OF STUDY	*Improvement Project of Chimwangtao, Lieyunkang and Tsingtao Ports	2. PROJECT COSTS	(US\$1=251 yen)			(Description)	OCEF loans approved are as follows. <table border="1"> <thead> <tr> <th></th> <th>Qinhuangdao</th> <th>Lianyungang</th> <th>Qingdao</th> </tr> </thead> <tbody> <tr> <td>1984 Oct.</td> <td>4,631</td> <td>2,445</td> <td>2,203</td> </tr> <tr> <td>1985 Aug.</td> <td>3,723</td> <td>5,772</td> <td>3,937</td> </tr> <tr> <td>1986 Jun.</td> <td>7,011</td> <td>11,085</td> <td>2,620</td> </tr> <tr> <td>1987 Jul.</td> <td>3,451</td> <td>11,911</td> <td>8,683</td> </tr> <tr> <td>1988 Aug.</td> <td>3,184</td> <td>8,297</td> <td>13,043</td> </tr> <tr> <td>1989 May</td> <td>-</td> <td>7,490</td> <td>26,514</td> </tr> <tr> <td></td> <td></td> <td colspan="2" style="text-align: right;">(million yen)</td> </tr> </tbody> </table>			Qinhuangdao	Lianyungang	Qingdao	1984 Oct.	4,631	2,445	2,203	1985 Aug.	3,723	5,772	3,937	1986 Jun.	7,011	11,085	2,620	1987 Jul.	3,451	11,911	8,683	1988 Aug.	3,184	8,297	13,043	1989 May	-	7,490	26,514			(million yen)
	Qinhuangdao	Lianyungang	Qingdao																																				
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		(million yen)																																					
3. SECTOR	Transportation/ Port		Total Cost	Local Cost	Foreign Cost																																		
4. REFERENCE NO.			1) 258,964	164,143																																			
5. TYPE OF STUDY	F/S		2) 452,589	312,350																																			
6. COUNTERPART AGENCY	National Planning Committee, National Science and Technology Committee, Transport	3. CONTENTS OF MAJOR PROJECT(S)	3) 709,163	510,756																																			
7. OBJECTIVES OF STUDY	Preparation for port developemnt plan of 1990 as target year.		1) Qinhuangdao 2) Lianyungang 3) Qingdao Break water 1,326m 3,170m 930m Berth (-12.5) 967m (Container) 560m (Coal) 295m (-10.0) 410m (Grain) 280m (Timber) 200m (Timber) 450m (General) 200m (sand) 215m Dredging 4,300,000cu.m 10,341,000cu.m 8,969,000cu.m Land Reclamation 4,260,000cu.m 4,900,000cu.m 7,670,000cu.m																																				
8. DATE OF S/W	June 1983	4. FEASIBILITY AND ITS ASSUMPTIONS	EIRR		FIRR																																		
9. CONSULTANT(S)	Overseas Coastal Area Development Institute of Japan	Feasibility: Yes	1) 27.9%		6.08%																																		
10. STUDY TEAM	No. of Members 19 Period 1983.7 - 1984.9 (15 months) Total M/M 109.4 Japan 85.4 Field 24.0	Conditions and Development Impacts: · Projection of cargo volume in 1990 Qinhuangdao 6,730 thousand tonnes Lianyungang 19,400 thousand tonnes Qingdao 36,000 thousand tonnes · Effective use of port facilities for import cargo such as grain, timber and general cargo, and for export cargo of energy resources such as coal.	2) 17.2%		4.11%																																		
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	none	5. TECHINCAL TRANSFER	3) 12.2%		6.39%	2. MAJOR REASONS FOR PRESENT STATUS																																	
12. EXPENDITURE	Total 297,053 (¥000) Contracted 268,748	Preparation of a report in cooperation with counterpart				High priority as a national project																																	
						3. PRINCIPAL SOURCES OF INFORMATION																																	
						①																																	

和名 秦皇島港丙丁バース建設、連雲港 二期工事、青島港前湾港区建設計画

(F/S, (M/P)+F/S, D/D)

PROJECT SUMMARY (F/S)

Compiled March 1988
Revised March 1992

ASO CHN/S 303/84

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDIED PROJECT																	
1. COUNTRY	China	1. SITE OR AREA			1. PRESENT STATUS	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input checked="" type="checkbox"/> Implementing <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled																
2. NAME OF STUDY	*Tianjin, Shanghai and Guangzhou Telecommunications Project	<table border="1"> <tr> <th>Area (sq. m)</th> <th>Population (ten thousand, 1982)</th> </tr> <tr> <td>Tianjin</td> <td>775</td> </tr> <tr> <td>Shanghai</td> <td>1,101</td> </tr> <tr> <td>Guangzhou</td> <td>5,161</td> </tr> </table>	Area (sq. m)	Population (ten thousand, 1982)			Tianjin	775	Shanghai	1,101	Guangzhou	5,161										
Area (sq. m)	Population (ten thousand, 1982)																					
Tianjin	775																					
Shanghai	1,101																					
Guangzhou	5,161																					
3. SECTOR	Communications & Broadcasting/Telecommunication	2. PROJECT COSTS	(US\$1=251 yen)		(Description)	Oct.1984 OECF loan agreement (1,154 million yen) Aug.1985 OECF loan agreement (9,235 million yen) Jun.1986 OECF loan agreement (7,916 million yen) Jul.1987 OECF loan agreement (9,398 million yen) Aug.1988 OECF loan agreement (7,297 million yen)																
4. REFERENCE NO.		<table border="1"> <tr> <th></th> <th>Total Cost</th> <th>Local Cost</th> <th>Foreign Cost</th> </tr> <tr> <td>1)</td> <td>207,570</td> <td>33,466</td> <td>174,104</td> </tr> <tr> <td>2)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3)</td> <td></td> <td></td> <td></td> </tr> </table>						Total Cost	Local Cost	Foreign Cost	1)	207,570	33,466	174,104	2)				3)			
	Total Cost	Local Cost	Foreign Cost																			
1)	207,570	33,466	174,104																			
2)																						
3)																						
5. TYPE OF STUDY	F/S	3. CONTENTS OF MAJOR PROJECT(S)																				
6. COUNTERPART AGENCY	Ministry of Posts and Telecommunications of the People's Republic of China	Exchange 150,000 terminals Junction cable 255km Subscriber cable 5,928km Mobile communication three cities																				
7. OBJECTIVES OF STUDY	Elaborating the Telecommunications Network Expansion Project in Tianjin, Shanghai and Guanzhou, three major coast cities of the People's Republic of China, and carrying out its feasibility study.	Implementation Period: 1985 - 1988																				
8. DATE OF S/W	June 1983	4. FEASIBILITY AND ITS ASSUMPTIONS	EIRR	FIRR																		
9. CONSULTANT(S)	Japan Telecommunications Engineering and Consulting service	Feasibility: Yes	14.6%	10.4%																		
10. STUDY TEAM	No. of Members 27 Period 1983.7 - 1984.6 (12 months) Total M/M 77.04 Japan 42.31 Field 34.73	Conditions and Development Impacts: Prerequisites for IRR calculation: Demand in 1985, 1990 and 2000 was forecast based on the growth of population, the rate of economic growth and city planning taking into account telephone demand up to 1982. Project life was estimated at 20 years. Development effects: Making economic activities, business and administration efficient, Substitution effect by means of transportation, Economy of energy, Making the distribution rational and efficient, and Enrichment of national life and education.																				
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	none	5. TECHINCAL TRANSFER																				
12. EXPENDITURE	Total 182,687 (¥000) Contracted 168,036	1. OJT: China Telecommunications Seminar (November 1984, in Tokyo; October 1984, in Beijing) 2. Acceptance of trainees: two counterparts (42 days as of October 1984, JICA) 3. Other: acceptance of technical business mission (three times: February and September 1985, July 1987; 7-8 persons each)																				
		2. MAJOR REASONS FOR PRESENT STATUS			3. PRINCIPAL SOURCES OF INFORMATION	①																
		1. Bigness of effect: Being recognized as a national project in order to establish efficient economy. 2. Degree of priority: National project 3. Other: Strong support by the Japanese agencies concerned																				

和名 天津・上海・広州電気通信網改造計画

{F/S, (M/P)+F/S, D/D}

PROJECT SUMMARY (F/S)

Compiled March 1990
Revised March 1992

ASO CHN/A 302/84

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS		III. PRESENT STATUS OF STUDIED PROJECT	
1. COUNTRY	China	1. SITE OR AREA	Harbin and Jiamusi Cities in Hei Long Jiang Province, Bao Qing Xian		
2. NAME OF STUDY	Basic Plan on the Sanjiang Plain Agricultural Experiment Station	2. PROJECT COSTS	US\$1=2.5Yuan in 1984		
3. SECTOR	Agriculture/ General		Total Cost	Local Cost	Foreign Cost
4. REFERENCE NO.			1) 8,000	3,000	5,000
5. TYPE OF STUDY	F/S		2)		
6. COUNTERPART AGENCY	Committee on Science and Technology, Hei Long Jiang Province	3. CONTENTS OF MAJOR PROJECT(S)	3)		
7. OBJECTIVES OF STUDY			Following research will be conducted to get basic technical data for agricultural development in San Jiang Plain		
8. DATE OF S/W	Aug. 1984		1. Research on breeding and cultivation of cold-proof seeds		
9. CONSULTANT(S)	Agricultural Development Consultants Association	4. FEASIBILITY AND ITS ASSUMPTIONS	2. Research on farm land improvement in a cold area with low humidity		
10. STUDY TEAM	No. of Members 9 Period Sep. 1984 - Mar. 1985 (7 months)		Implementation Period:		
	Total M/M 16.00 Japan 6.81 Field 9.19		EIRR FIRR		
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY		5. TECHNICAL TRANSFER	Feasibility:		
12. EXPENDITURE	Total 54,180 (¥'000) Contracted 46,378		Conditions and Development Impacts:		
			Till recently Chinese way of research was inflexible because of rigidity of coverage by each ministry, therefore there was no idea that integrate irrigation and agricultural projects. That this kind of integrated experiment stations started for the purpose of development of San Jiang Plain is meaningful since it indicates perspective of Chinese experiment station. This is also indispensable to implement agricultural development in San Jiang Plain smoothly.		
			Cooperation with related experiment stations by establishing a new organization under Committee on Science and Technology of Hei Long Jiang Province. Technical Transfer is being alone through operation between irrigation research institute and integrated agricultural research institute.		
			1. PRESENT STATUS		
			<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Implementing <input type="checkbox"/> Discontinued or Cancelled <input type="checkbox"/> Processing		
			(Description)		
			After the completion of (D/D) of basic planning in Mar. 1985, experts were dispatched there as technical cooperation and improvement of field and setting up of machineries and equipments were done. Currently, experiment and research are in progress, based on them.		
			2. MAJOR REASONS FOR PRESENT STATUS		
			3. PRINCIPAL SOURCES OF INFORMATION		
			①		

和名 三江平原農業綜合試驗場基本計画

{F/S, (M/P)+F/S, D/D}

PROJECT SUMMARY (F/S)

Compiled March 1990
Revised March 1992

ASO CHN/S 305/86

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF STUDIED PROJECT	
1. COUNTRY	China	1. SITE OR AREA	Shanghai and its suburbs (Shanghai new station-Xin Longhua)			1. PRESENT STATUS <input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input checked="" type="checkbox"/> Implementing <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled
2. NAME OF STUDY	*Subway Project of Shanghai	2. PROJECT COSTS	(US\$1=159 yen)			
3. SECTOR	Transportation/ Railway		Total Cost	Local Cost	Foreign Cost	(Description) - OECF loan was not requested. - West Germany agreed to finance in January 1989. - Additional finance was obtained from USA and France. - The review of the F/S and basic designs were implemented by the Chinese authorities.
4. REFERENCE NO.			1) 1,170,754	861,226		
5. TYPE OF STUDY	F/S		2)			
6. COUNTERPART AGENCY	Science and Technology Commission of Shanghai Municipality, Bureau of Shanghai	3. CONTENTS OF MAJOR PROJECT(S)	3)			
7. OBJECTIVES OF STUDY	F/S for constructing a subway to improve urban transport in Shanghai		Subway Construction: Xin Longhua - Shanghai new station (13km) Northward Extension: Shanghai new station - Ji Yun Lu (9km) Total: 22km in total to be constructed in 2 sections			
8. DATE OF S/W	Jan. 1985	4. FEASIBILITY AND ITS ASSUMPTIONS	EIRR	FIRR		
9. CONSULTANT(S)	Japan Railway Technical Service		8.7%	1.14%		
10. STUDY TEAM	No. of Members 16 Period 1985.5 - 1986.8 (15 months) Total M/M 81.58 Japan 52.17 Field 29.41	Feasibility: Yes	Conditions and Development Impacts: 1. Preconditions for calculating IRR Transport demand was estimated for the years from 1983 to 2020. As for rolling stock gauge, axle load, car dimensions, etc., standard values in Japan were used as samples. 2. Development impact Improvement of road traffic congestion			
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY		5. TECHNICAL TRANSFER	1. OJT: A seminar was held. 2. Training of counterpart personnel: One person for one month. 3. Two Chinese experts observed the status of subway construction and operation in Japan.			
12. EXPENDITURE	Total 196,815 (¥000) Contracted 191,021					
			2. MAJOR REASONS FOR PRESENT STATUS Although loans from Japan had been originally planned for, this was not accepted by the Chinese government, and subway construction in Beijing was chosen instead. As a result, Shanghai resorted to other sources for funds.			
			3. PRINCIPAL SOURCES OF INFORMATION ①			

和名 上海都市快速鉄道整備計画

{F/S, (M/P)+F/S, D/D}

PROJECT SUMMARY (F/S)

Compiled March 1990
Revised March 1992

ASO CHN/S 304/86

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS		III. PRESENT STATUS OF STUDIED PROJECT	
1. COUNTRY	China	1. SITE OR AREA	Dapeng Wang, Kwang Tung prefecture		
2. NAME OF STUDY	*Port Development Project in Dapeng Bay	2. PROJECT COSTS	(US\$1=162Yen)		
			Total Cost	Local Cost	Foreign Cost
3. SECTOR	Transportation/ Port		(US\$1,000) 1) 102,280	58,110	44,170
4. REFERENCE NO.		3. CONTENTS OF MAJOR PROJECT(S)			
5. TYPE OF STUDY	F/S	Item	Size		
6. COUNTERPART AGENCY	Ministry of Transportation	Wharf	L: 1,300m		
7. OBJECTIVES OF STUDY	Zoning plan of the coastal area Long term M/P F/S on the development plan aiming at the year 1990	Temporary Embankment	L: 500m		
8. DATE OF S/W	Oct. 1985	Dredging volume	2,860 thousand cu.m		
9. CONSULTANT(S)	Institute of Japan Overseas Coastal Area Development	Reclamation volume	4,210 thousand cu.m		
10. STUDY TEAM	No. of Members 13 Period 1986.1 - 1987.3 (15 months)	Marshalling yard	193,400 sq.m		
	Total M/M 72.6 Japan 39.8 Field 32.8	Cargo handling equipments	Truck cranes, etc.		
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	none	Implementation Period:	Jul.1988 - Dec.1992		
12. EXPENDITURE	Total 181,859 (¥000) Contracted 177,438	4. FEASIBILITY AND ITS ASSUMPTIONS	EIRR 12.8%	FIRR 2.2%	
		Feasibility: Yes			
		Conditions and Development Impacts:	The following impacts are considered as development impacts. Savings in land transportation cost Savings in sea transportation cost by enlargement of the calling ship size. Savings in ship's staying cost		
		5. TECHINICAL TRANSFER	OJT(on the job Training) by the Seminar.		
		1. PRESENT STATUS	<input checked="" type="checkbox"/> Completed or in Progress <input type="checkbox"/> Promoting <input type="checkbox"/> Completed <input type="checkbox"/> Delayed or Suspended <input type="checkbox"/> Processing <input type="checkbox"/> Discontinued or Cancelled		
		(Description)	1991 Jan. OECF loan agreement signed. (3,691 million Jap. yen) 1991 Oct. OECF loan agreement signed. (7,613 million Jap. yen) 1988 Commencement of reclamation and dredging 1989 Oct. Opening of trial operation on 3 berths (1,000; 3,000; 10,000 tonnage) 1990 Commencement of construction of railway and road now Under construction of 2 container beths and 1 multi-purpose berth 1993 Target year of completion		
		2. MAJOR REASONS FOR PRESENT STATUS			
		3. PRINCIPAL SOURCES OF INFORMATION	①		

和名 大鵬湾港湾整備計画

(F/S, (M/P)+F/S, D/D)

PROJECT SUMMARY (M/P)

Compiled March 1990
Revised March 1992

ASO CHN/S 101/87

I. OUTLINE OF STUDY		II. SUMMARY OF STUDY RESULTS			III. PRESENT STATUS OF USE OF STUDY RESULTS	
1. COUNTRY	China	1. SITE OR AREA	Shanghai city			1. PRESENT STATUS <input checked="" type="checkbox"/> In Progress or In Use <input type="checkbox"/> Delayed <input type="checkbox"/> Discontinued
2. NAME OF STUDY	*Shanghai Air Pollution Control	2. COSTS OF PROPOSED PLAN OR MAJOR PROJECTS	(US\$1=125Yen) Total Cost Local Cost Foreign Cost 1) 127,000 (US\$1,000) 2)			
3. SECTOR	Administration/ Environmental Problems	3. MAJOR PROJECT(S) PROPOSED	<ul style="list-style-type: none"> - Installation of desulfurization equipment at the power plant - Large-scale concentrated power supply (for factories in the western part of Shanghai City) - Introduction of various pollution control devices and measures at 301 factories of Shanghai 			(Description) Osaka City Municipality, which is a sister city to Shanghai City, is following this project and making technical support by exchanging experts. The report has been utilized as guidelines for studying air pollution and planning control measures. It will take some time to implement the proposed project, because it will not realize direct economic effects.
4. REFERENCE NO.		4. CONDITIONS AND DEVELOPMENT IMPACTS	In the environmental aspect, there is expectation of environmental improvement, however, there is very little expectation of economical investment impact. In other words, it is a key point for project implementation whether the Shanghai City Municipality is able to afford the expense or not.			
5. TYPE OF STUDY	M/P	5. TECHNICAL TRANSFER	<ul style="list-style-type: none"> - Hold seminar on air pollution control. - On the job training and short term training in Japan for counterparts on air pollution analysis - Guidance of operation of equipment such as vehicle mounted air pollution measurement equipment and factory exhaust gas measurement equipment 			
6. COUNTERPART AGENCY	Department of Environment, Municipality of Shanghai	2. MAJOR REASONS FOR PRESENT STATUS	Because of small economic benefits, the authorities are unwilling to bear the investment cost.			
7. OBJECTIVES OF STUDY	Air Pollution Control	3. PRINCIPAL SOURCES OF INFORMATION	①			
8. DATE OF S/W	Oct. 1985					
9. CONSULTANT(S)	Pacific Consultants International, Research Analysis and Computer					
10. STUDY TEAM	No. of Members 16 Period Jan. 1986 - Feb. 1988 (26 months) Total M/M 78.79 Japan 39.21 Field 39.58					
11. ASSOCIATED AND/OR SUBCONTRACTED STUDY	None					
12. EXPENDITURE	Total 385,188 (¥000) Contracted 224,269					

和名 上海市大气污染对策

{M/P, M/P+(F/S), Basic Study, Other}