

補遺 5 鉄道

Case – 2. Map Ta Phut-----^(Truck)----- Bangkok

<u>1st Phase</u>	Cargo Volume	Cost of Transportation	Cost of Handling
1. Bag	294,000 ton/y	$\times (225 \text{ B/ton} + 40 \text{ B/ton})$	= 77,910,000 B
2. Liquid	19,860 ton/y	$\times (110 \text{ B/ton} + 40 \text{ B/ton})$	= 2,979,000 B
3. Bulk	3,000 ton/y	$\times (200 \text{ B/ton} + 40 \text{ B/ton})$	= 720,000 B
	Total		= 81,609,000 B

<u>2nd Phase</u>			
1. Bag	622,770 ton/y	$\times (225 + 40)$	= 165,034,050 B
2. Liquid	30,720 ton/y	$\times (110 + 40)$	= 4,608,000 B
3. Bulk	592,623 ton/y	$\times (200 + 40)$	= 142,229,520 B
	Total		= 311,871,570 B

Case – 1. Map Ta Phut -----^(Truck)----- Sattahip -----^(Railway)----- Bangkok

<u>1st Phase</u>			
1. Bag	294,000 ton/y	$\times (225 + 40 + 109.1)$	= 109,985,400 B
2. Liquid	19,860 ton/y	$\times (110 + 40 + 109.1)$	= 5,145,726 B
3. Bulk	3,000 ton/y	$\times (200 + 40 + 109.1)$	= 1,047,300 B
	Total		= 116,178,426 B

<u>2nd Phase</u>			
1. Bag	622,770 ton/y	$\times (225 + 40 + 109.1)$	= 232,978,257 B
2. Liquid	30,720 ton/y	$\times (110 + 40 + 109.1)$	= 7,959,552 B
3. Bulk	592,623 ton/y	$\times (200 + 40 + 109.1)$	= 206,884,689 B
	Total		= 447,822,498 B

Case – 1 (Map Ta Phut – Bkk)

<u>1st Phase</u>			
1. Bag	294,000 ton/y	$\times 109.1$	= 32,075,400 B
2. Liquid	19,860 ton/y	$\times 109.1$	= 2,166,726 B
3. Bulk	3,000 ton/y	$\times 109.1$	= 327,300 B
	Total		= 34,569,426 B

<u>2nd Phase</u>			
1. Bag	622,770	$\times 109.1$	= 67,944,207 B
2. Liquid	30,720	$\times 109.1$	= 3,351,552 B
3. Bulk	592,623	$\times 109.1$	= 64,655,169 B
	Total		= 135,950,928 B

補遺 6 財 務 分 析

工業港の財務分析

表 6 - 1 ベースケース

表 6 - 2 ケース 1 (港湾料率 5 % 引上げの場合)

表 6 - 3 ケース 2 (港湾料率 1 0 % ")

工業団地の財務分析

表 6 - 4 ケース 1 - 1

表 6 - 5 ケース 1 - 2

表 6 - 6 ケース 2 - 1 (ケース 1 - 1 につき価格マージンを 5 % とする場合)

表 6 - 7 ケース 2 - 2 (ケース 1 - 2 につき価格マージンを 5 % とする場合)

表 6 - 8 ケース 3 - 1 (ケース 1 - 1 につき土地売却が 2 年遅れた場合)

表 6 - 9 ケース 3 - 2 (ケース 1 - 2 につき土地売却が 2 年遅れた場合)

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

Table 6-1 Base Case Income Statement (1)

(THOUSAND BAHTS)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
INCOME STATEMENT													
OPERATING REVENUES					178857	178857	178857	178857	178857	178857	178857	178857	178857
PORT CHARGES					175670	175670	175670	175670	175670	175670	175670	175670	175670
RENTALS					3187	3187	3187	3187	3187	3187	3187	3187	3187
OTHERS													
OPERATING EXPENSES					87992	87992	87992	87992	87992	87992	87992	87992	87992
PERSONNEL					18200	18200	18200	18200	18200	18200	18200	18200	18200
ADMINISTRATION					6916	6916	6916	6916	6916	6916	6916	6916	6916
MAINTENANCE					47988	47988	47988	47988	47988	47988	47988	47988	47988
OPERATION					14888	14888	14888	14888	14888	14888	14888	14888	14888
WATER					459	459	459	459	459	459	459	459	459
FUEL					9329	9329	9329	9329	9329	9329	9329	9329	9329
ELECTRICITY					5100	5100	5100	5100	5100	5100	5100	5100	5100
OTHERS													
NET INCOME BEFORE DEP. DEPRECIATION					90865	90865	90865	90865	90865	90865	90865	90865	90865
NET INCOME AFTER DEP. INTEREST ON DEPOSIT					27821	27821	27821	27821	27821	27821	27821	27821	27821
INTEREST ON LT LOAN					1376	1376	4341	4341	7329	10648	14216	17989	21455
OTHERS					53753	53753	53753	53753	53753	53753	53753	53724	53414
NET OPERATING INCOME					575	6213	23231	44469	27821	27821	27821	27821	27821
ACCUMULATED NOI					-575	-6213	-23231	-44469	-25932	-25932	-18602	-11716	-7914
					-575	-6787	-30019	-74488	-100420	-126351	-150907	-172598	-218199
													-230250

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS)

Income Statement (2)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
INCOME STATEMENT													
OPERATING REVENUES	178857	178857	178857	178857	178857	178857	178857	178857	178857	178857	178857	178857	178857
PORT CHARGES	175670	175670	175670	175670	175670	175670	175670	175670	175670	175670	175670	175670	175670
RENTALS	3187	3187	3187	3187	3187	3187	3187	3187	3187	3187	3187	3187	3187
OTHERS													
OPERATING EXPENSES	87992	87992	87992	87992	87992	87992	87992	87992	87992	87992	87992	87992	87992
PERSONNEL	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200
ADMINISTRATION	6916	6916	6916	6916	6916	6916	6916	6916	6916	6916	6916	6916	6916
MAINTENANCE	47988	47988	47988	47988	47988	47988	47988	47988	47988	47988	47988	47988	47988
OPERATION	14888	14888	14888	14888	14888	14888	14888	14888	14888	14888	14888	14888	14888
WATER	459	459	459	459	459	459	459	459	459	459	459	459	459
FUEL	9329	9329	9329	9329	9329	9329	9329	9329	9329	9329	9329	9329	9329
ELECTRICITY	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100
OTHERS													
NET INCOME BEFORE DEP. DEPRECIATION	90865	90865	90865	90865	90865	90865	90865	90865	90865	90865	90865	90865	90865
DEPRECIATION	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043
NET INCOME AFTER DEP. INTEREST ON DEPOSIT	27821	27821	27821	27821	27821	27821	27821	27821	27821	27821	27821	27821	27821
INTEREST ON DEPOSIT	23419	23843	22971	22230									
INTEREST ON LT LOAN	52252	50029	47341	44653	41966	39278	36590	33903	31215	28527	25840	23152	20464
OTHERS													
NET OPERATING INCOME	-1011	1636	3451	5398	-14144	-11457	-8769	-6081	-3394	-706	1982	4669	7357
ACCUMULATED NOI	-231262	-229626	-226174	-220776	-234921	-246377	-255146	-261228	-264621	-265327	-263346	-258677	-251320

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS)

Income Statement (3)

	2010	2011	2012	2013	2014
INCOME STATEMENT					
OPERATING REVENUES	178857	178857	178857	178857	178857
PORT CHARGES	175670	175670	175670	175670	175670
RENTALS	3187	3187	3187	3187	3187
OTHERS					
OPERATING EXPENSES	87992	87992	87992	87992	87992
PERSONNEL	18200	18200	18200	18200	18200
ADMINISTRATION	6916	6916	6916	6916	6916
MAINTENANCE	47988	47988	47988	47988	47988
OPERATION	14888	14888	14888	14888	14888
WATER	459	459	459	459	459
FUEL	9329	9329	9329	9329	9329
ELECTRICITY	5100	5100	5100	5100	5100
OTHERS					
NET INCOME BEFORE DEP. DEPRECIATION	90865	90865	90865	90865	90865
	63043	63043	63043	63043	63043
NET INCOME AFTER DEP. INTEREST ON DEPOSIT	27821	27821	27821	27821	27821
INTEREST ON LT LOAN	17777	15089	12401	9714	7026
OTHERS					
NET OPERATING INCOME	10045	12732	15420	18108	20795
ACCUMULATED NOI	-241275	-228543	-213123	-195016	-174220

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

Cashflow Statement (1)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
CASHFLOW STATEMENT													
SOURCE OF FUNDS :													
DEPRECIATION				63043	63043	63043	63043	63043	63043	63043	63043	63043	63043
NET OPERATING INCOME	-575	-6213	-23231	-44469	-25932	-25932	-24556	-21691	-18602	-15283	-11716	-7914	-4137
LONG TERM LOAN	32830	289360	683120	530490									
GOVERNMENT FUNDS	6930	270560	610510	327900									
OTHERS													
TOTAL SOURCES	39185	553707	1270399	813921	37112	37112	38488	41352	44441	47760	51327	55129	58906
APPLICATION OF FUNDS													
ADDITION TO FIXED ASSET	39760	559920	1293630	858390									
REPAYMENT OF LT LOAN												1642	16110
OTHERS													
TOTAL APPLICATION	39760	559920	1293630	858390								1642	16110
NET CASH FLOW	-575	-6213	-23231	-44469	37112	37112	38488	41352	44441	47760	51327	53488	42797
NCF AT BEGINNING YEAR	-575	-6787	-30019	-30019	-74488	-37376	-265	38223	79575	124016	171776	223103	276591
NCF AT END YEAR	-575	-6787	-30019	-74488	-37376	-265	38223	79575	124016	171776	223103	276591	319387

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

Cashflow Statement (2)

(THOUSAND RAHTS)

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	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CASHFLOW STATEMENT													
SOURCE OF FUNDS													
DEPRECIATION	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043
NET OPERATING INCOME	-1011	1636	3451	5398	-14144	-11457	-8769	-6081	-3394	-706	1982	4669	7357
LONG TERM LOAN													
GOVERNMENT FUNDS													
OTHERS													
TOTAL SOURCES	62032	64679	66495	68441	48899	51587	54274	56962	59650	62337	65025	67712	70400
APPLICATION OF FUNDS													
ADDITION TO FIXED ASSET				313900									112000
REPAYMENT OF LT LOAN	50266	76790	76790	76790	76790	76790	76790	76790	76790	76790	76790	76790	76790
OTHERS													
TOTAL APPLICATION	50266	76790	76790	390690	76790	76790	76790	76790	76790	76790	76790	76790	188790
NET CASH FLOW	11766	-12111	-10295	-322249	-27891	-25203	-22516	-19828	-17140	-14453	-11765	-9078	-118390
NCF AT BEGINNING YEAR	319387	331154	319043	308747	-13501	-41393	-66596	-89112	-108940	-126080	-140533	-152299	-161376
NCF AT END YEAR	331154	319043	308747	-13501	-41393	-66596	-89112	-108940	-126080	-140533	-152299	-161376	-279766

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

Cashflow Statement (3) (THOUSAND BAHTS)

2010 2011 2012 2013 2014

CASHFLOW STATEMENT

SOURCE OF FUNDS

DEPRECIATION	63043	63043	63043	63043	63043
NET OPERATING INCOME	10045	12732	15420	18108	20795
LONG TERM LOAN					
GOVERNMENT FUNDS					
OTHERS					

TOTAL SOURCES 73088 75775 78463 81151 83838

APPLICATION OF FUNDS

ADDITION TO FIXED ASSET			56390	313900	
REPAYMENT OF LT LOAN	76790	76790	76790	76790	76790
OTHERS					

TOTAL APPLICATION 76790 76790 133180 390690 76790

NET CASH FLOW -3702 -1015 -54717 -309539 7048

NCF AT BEGINNING YEAR -279766 -283468 -284483 -339200 -648739

NCF AT END YEAR -283468 -284483 -339200 -648739 -641691

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS) PAGE 4 / PART 1

Balance Sheet (1)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
BALANCE SHEET													
ASSETS													
CASH	39760	599680	1893310	2751700	2688657	2625614	2600793	2579102	2560500	2545217	2533501	2523945	2503699
DEPOSIT							7645	15915	24803	34355	44621	55318	63877
NON DEPRECIABLE ASSETS	39760	299910	785700	846630	846630	846630	30578	63660	99213	137421	178482	221273	255510
NET ASSETS AFTER DEP.		299770	1107610	1905070	1842027	1778984	846630	846630	846630	846630	846630	846630	846630
TOTAL LIABIL.& RETAIN.	39760	599680	1893310	2751700	2688657	2625614	2600793	2579102	2560500	2545217	2533501	2523945	2503699
LIABILITIES													
LONG TERM LOANS	40335	606467	1923329	2826188	2789076	2751865	2751700	2751700	2751700	2751700	2751700	2750058	2733949
GOVERNMENT FUNDS	32830	322190	1005310	1535800	1535800	1535800	1535800	1535800	1535800	1535800	1535800	1534159	1518049
OTHERS/ST LOAN ETC.>	6930	277490	888000	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900
RETAINED EARNINGS	575	6787	30019	74488	37376	265							
	-575	-6787	-30019	-74488	-100420	-126351	-150907	-172598	-191200	-206483	-218199	-226113	-230250

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS)

Balance Sheet (2)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
BALANCE SHEET													
ASSETS													
CASH	66231	63809	61749										
DEPOSIT	264923	255234	246998										
NON DEPRECIABLE ASSETS	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630
NF ASSETS AFTER DEP.	1274638	1211595	1148552	1399409	1336365	1273322	1210279	1147236	1084193	1021149	958106	895063	944020
TOTAL LIABIL.& RETAIN.	2452422	2377268	2303929	2246039	2182995	2119952	2056909	1993866	1930823	1867779	1804736	1741693	1790650
LIABILITIES													
LONG TERM LOANS	2683683	2606893	2530103	2466815	2417916	2366330	2312055	2255093	2195444	2133107	2068082	2000370	2041969
GOVERNMENT FUNDS	1467784	1390994	1314204	1237414	1160624	1083834	1007044	930254	853464	776674	699884	623094	546304
OTHERS<ST LOAN ETC.>	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900
RETAINED EARNINGS	-231262	-229626	-226174	-220776	-234921	-246377	-255146	-261238	-264621	-265327	-263346	-258677	-251320

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS)

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Balance Sheet (3)

	2010	2011	2012	2013	2014
BALANCE SHEET					
ASSETS	1727607	1664563	1657910	1908767	1845724
CASH					
DEPOSIT					
NON DEPRECIABLE ASSETS	846630	846630	846630	846630	846630
NF ASSETS AFTER DEP.	880977	817933	811280	1062137	999094
TOTAL LIABIL. & RETAIN.	1727607	1664563	1657910	1908767	1845724
LIABILITIES	1968882	1893106	1871033	2103783	2019944
LONG TERM LOANS	469514	392724	315934	239144	162354
GOVERNMENT FUNDS	1215900	1215900	1215900	1215900	1215900
OTHERS<ST LOAN ETC.>	283468	284483	339200	648739	641691
RETAINED EARNINGS	-241275	-228543	-213123	-195016	-174220

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

Table 6-2 Case I Income Statement (1)

(THOUSAND BAHTS)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
INCOME STATEMENT													
OPERATING REVENUES					187640	187640	187640	187640	187640	187640	187640	187640	187640
PORT CHARGES					184453	184453	184453	184453	184453	184453	184453	184453	184453
RENTALS					3187	3187	3187	3187	3187	3187	3187	3187	3187
OTHERS													
OPERATING EXPENSES					87992	87992	87992	87992	87992	87992	87992	87992	87992
PERSONNEL					18200	18200	18200	18200	18200	18200	18200	18200	18200
ADMINISTRATION					6916	6916	6916	6916	6916	6916	6916	6916	6916
MAINTENANCE					47988	47988	47988	47988	47988	47988	47988	47988	47988
OPERATION					14888	14888	14888	14888	14888	14888	14888	14888	14888
WATER					459	459	459	459	459	459	459	459	459
FUEL					9329	9329	9329	9329	9329	9329	9329	9329	9329
ELECTRICITY					5100	5100	5100	5100	5100	5100	5100	5100	5100
OTHERS													
NET INCOME BEFORE DEP. DEPRECIATION					99648	99648	99648	99648	99648	99648	99648	99648	99648
NET INCOME AFTER DEP. INTEREST ON DEPOSIT INTEREST ON LT LOAN OTHERS	575	6213	23231	44469	53753	53753	53753	53753	53753	53753	53753	53724	36605
NET OPERATING INCOME	-575	-6213	-23231	-44469	-17148	-16502	-14094	-10438	-6509	-2286	2252	7097	11995
ACCUMULATED NOI	-575	-6787	-30019	-74488	-91636	-108138	-122232	-132670	-139178	-141464	-139213	-132116	-120121

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

Case 1 Income Statement (2)

(THOUSAND BAHTS)

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	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
INCOME STATEMENT													
OPERATING REVENUES	187640	187640	187640	187640	187640	187640	187640	187640	187640	187640	187640	187640	187640
PORT CHARGES	184453	184453	184453	184453	184453	184453	184453	184453	184453	184453	184453	184453	184453
RENTALS	3187	3187	3187	3187	3187	3187	3187	3187	3187	3187	3187	3187	3187
OTHERS													
OPERATING EXPENSES	87992	87992	87992	87992	87992	87992	87992	87992	87992	87992	87992	87992	87992
PERSONNEL	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200
ADMINISTRATION	6916	6916	6916	6916	6916	6916	6916	6916	6916	6916	6916	6916	6916
MAINTENANCE	47988	47988	47988	47988	47988	47988	47988	47988	47988	47988	47988	47988	47988
OPERATION	14888	14888	14888	14888	14888	14888	14888	14888	14888	14888	14888	14888	14888
WATER	459	459	459	459	459	459	459	459	459	459	459	459	459
FUEL	9329	9329	9329	9329	9329	9329	9329	9329	9329	9329	9329	9329	9329
ELECTRICITY	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100
OTHERS													
NET INCOME BEFORE DEP. DEPRECIATION	99648	99648	99648	99648	99648	99648	99648	99648	99648	99648	99648	99648	99648
NET INCOME AFTER DEP. INTEREST ON DEPOSIT INTEREST ON LT LOAN OTHERS	36605	36605	36605	36605	36605	36605	36605	36605	36605	36605	36605	36605	36605
	31973	33239	33793	34128	12415	11933	11610	11473	11605	11948	12517	13330	13799
	52252	50029	47341	44653	41966	39278	36590	33903	31215	28527	25840	23152	20464
NET OPERATING INCOME	16326	19815	23057	26079	7054	9260	11625	14175	16995	20026	23283	26783	29940
ACCUMULATED NOI	-103795	-83980	-60923	-34843	-27789	-18529	-6904	7271	24265	44291	67574	94356	124296

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS)

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Case 1 Income Statement (3)

	2010	2011	2012	2013	2014
INCOME STATEMENT					
OPERATING REVENUES	187640	187640	187640	187640	187640
PORT CHARGES	184453	184453	184453	184453	184453
RENTALS	3187	3187	3187	3187	3187
OTHERS					
OPERATING EXPENSES	87992	87992	87992	87992	87992
PERSONNEL	18200	18200	18200	18200	18200
ADMINISTRATION	6916	6916	6916	6916	6916
MAINTENANCE	47988	47988	47988	47988	47988
OPERATION	14888	14888	14888	14888	14888
WATER	459	459	459	459	459
FUEL	9329	9329	9329	9329	9329
ELECTRICITY	5100	5100	5100	5100	5100
OTHERS					
NET INCOME BEFORE DEP. DEPRECIATION	99648	99648	99648	99648	99648
	63043	63043	63043	63043	63043
NET INCOME AFTER DEP. INTEREST ON DEPOSIT	36605	36605	36605	36605	36605
INTEREST ON LT LOAN	7349	8377	8959	6296	
OTHERS	17777	15089	12401	9714	7026
NET OPERATING INCOME	26177	29893	33162	33187	29579
ACCUMULATED NOI	150473	180366	213528	246715	276294

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS)

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Case I Cashflow Statement (1)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
CASHFLOW STATEMENT													
SOURCE OF FUNDS													
DEPRECIATION				63043	63043	63043	63043	63043	63043	63043	63043	63043	63043
NET OPERATING INCOME	-575	-6213	-23231	-44469	-17148	-16502	-14094	-10438	-6509	-2286	2252	7097	11995
LONG TERM LOAN	32830	289360	683120	530490									
GOVERNMENT FUNDS	6930	270560	610510	327900									
OTHERS													
TOTAL SOURCES	39185	553707	1270399	813921	45895	46541	48950	52605	56535	60757	65295	70140	75038
APPLICATION OF FUNDS													
ADDITION TO FIXED ASSET	39760	559920	1293630	858390								1642	16110
REPAYMENT OF LT LOAN													
OTHERS													
TOTAL APPLICATION	39760	559920	1293630	858390								1642	16110
NET CASH FLOW	-575	-6213	-23231	-44469	45895	46541	48950	52605	56535	60757	65295	68499	58929
NCF AT BEGINNING YEAR	-575	-575	-6787	-30019	-74488	-28593	17948	6898	119503	176038	236795	302090	370588
NCF AT END YEAR	-575	-6787	-30019	-74488	-28593	17948	6898	119503	176038	236795	302090	370588	429517

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

Case 1 Cashflow Statement (2)

(THOUSAND BAHTS)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CASHFLOW STATEMENT													
SOURCE OF FUNDS													
DEPRECIATION	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043
NET OPERATING INCOME	16326	19815	23057	26079	7054	9260	11625	14175	16995	20026	23283	26783	29940
LONG TERM LOAN													
GOVERNMENT FUNDS													
OTHERS													
TOTAL SOURCES	79369	82859	86100	89123	70097	72303	74668	77218	80038	83069	86326	89826	92983
APPLICATION OF FUNDS													
ADDITION TO FIXED ASSET				313900									112000
REPAYMENT OF LT LOAN	50266	76790	76790	76790	76790	76790	76790	76790	76790	76790	76790	76790	76790
OTHERS													
TOTAL APPLICATION	50266	76790	76790	390690	76790	76790	76790	76790	76790	76790	76790	76790	188790
NET CASH FLOW	29103	6069	9310	-301567	-6693	-4487	-2122	428	3248	6279	9536	13036	-95807
NGF AT BEGINNING YEAR	429517	458620	464689	473999	172432	165739	161252	159130	159558	162806	169085	178621	191657
NGF AT END YEAR	458620	464689	473999	172432	165739	161252	159130	159558	162806	169085	178621	191657	95850

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD
 (THOUSAND DAHTS)
 Case 1 Cashflow Statement (3)

2010 2011 2012 2013 2014

CASHFLOW STATEMENT

SOURCE OF FUNDS

DEPRECIATION	63043	63043	63043	63043	63043
NET OPERATING INCOME	26177	29893	33162	33187	29579
LONG TERM LOAN					
GOVERNMENT FUNDS					
OTHERS					
TOTAL SOURCES	89220	92936	96205	96231	92622

APPLICATION OF FUNDS

ADDITION TO FIXED ASSET			56390	313900	
REPAYMENT OF LT LOAN	76790	76790	76790	76790	76790
OTHERS					
TOTAL APPLICATION	76790	76790	133180	390690	76790
NET CASH FLOW	12430	16146	-36975	-294459	15832

NCF AT BEGINNING YEAR	95850	108280	124426	87451	-207008
NCF AT END YEAR	108280	124426	87451	-207008	-191176

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS)

Case 1 Balance Sheet (1)

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	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
BALANCE SHEET													
ASSETS	39760	599680	1893310	2751700	2688657	2643562	2629468	2619030	2612522	2610236	2612487	2617943	2613828
CASH					3590	13380	23901	35208	47359	60418	74118	85903	
DEPOSIT					14359	53518	95603	140830	189436	241672	296474	343614	
NON DEPRECIABLE ASSETS	39760	299910	785700	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630
NF ASSETS AFTER DEP.	299770	1107610	1905070	1842027	1778984	1715940	1652097	1589854	1526811	1463768	1400724	1337681	
TOTAL LIABIL. & RETAIN.	39760	599680	1893310	2751700	2688657	2643562	2629468	2619030	2612522	2610236	2612487	2617943	2613828
LIABILITIES	40335	606467	1923329	2826188	2780293	2751700	2751700	2751700	2751700	2751700	2751700	2750058	2733949
LONG TERM LOANS	32830	322190	1005310	1535800	1535800	1535800	1535800	1535800	1535800	1535800	1535800	1534159	1518049
GOVERNMENT FUNDS	6930	277490	888000	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900
OTHERS (ST LOAN ETC.)	575	6787	30019	74488	28593								
RETAINED EARNINGS	-575	-6787	-30019	-74488	-91636	-108138	-122232	-132670	-139178	-141464	-139213	-132116	-120121

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS)

Case 1 Balance Sheet (2)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
BALANCE SHEET													
ASSETS	2579888	2522914	2469181	2418470	2348734	2281204	2216039	2153424	2093629	2036864	1983357	1933350	1886499
CASH	91724	92938	94800	34486	33148	32250	31826	31912	32561	33817	35724	38331	19170
DEPOSIT	366896	371751	379199	137945	132591	129002	127304	127647	130245	135268	142897	153325	76680
NON DEPRECIABLE ASSETS	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630
NF ASSETS AFTER DEP.	1274638	1211595	1148552	1399409	1336365	1273322	1210279	1147236	1084193	1021149	958106	895063	944020
TOTAL LIABIL.& RETAIN.	2579888	2522914	2469181	2418470	2348734	2281204	2216039	2153424	2093629	2036864	1983357	1933350	1886499
LIABILITIES	2683683	2606893	2530103	2453313	2376523	2299733	2222943	2146154	2069364	1992574	1915784	1838994	1762204
LONG TERM LOANS	1467784	1390994	1314204	1237414	1160624	1083834	1007044	930254	853464	776674	699884	623094	546304
GOVERNMENT FUNDS	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900
OTHERS<ST LOAN ETC.>	-103795	-83980	-60923	-34843	-27789	-18529	-6904	7271	24265	44291	67574	94356	124296
RETAINED EARNINGS													

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS)

Case 1 Balance Sheet (3)

	2010	2011	2012	2013	2014
BALANCE SHEET					
ASSETS	1835886	1788989	1745361	1908767	1845724
CASH	21456	24885	17490		
DEPOSIT	86634	92541	69961		
NON DEPRECIABLE ASSETS	846630	846630	846630	846630	846630
NF ASSETS AFTER DEP.	880977	817933	811280	1062137	999094
TOTAL LIABIL.& RETAIN.	1835886	1788989	1745361	1908767	1845724
LIABILITIES	1685414	1608624	1531834	1662052	1569430
LONG TERM LOANS	469514	392724	315934	239144	163354
GOVERNMENT FUNDS	1215900	1215900	1215900	1215900	1215900
OTHERS<ST LOAN ETC.>				207008	191176
RETAINED EARNINGS	150473	180366	213528	246715	276294

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

Table 6-3 Case 2 Income Statement (1)

(THOUSAND DAIHTS)

PAGE 1 /PART 1

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
INCOME STATEMENT													
OPERATING REVENUES					196424	196424	196424	196424	196424	196424	196424	196424	196424
PORT CHARGES					193237	193237	193237	193237	193237	193237	193237	193237	193237
RENTALS					3187	3187	3187	3187	3187	3187	3187	3187	3187
OTHERS													
OPERATING EXPENSES					87992	87992	87992	87992	87992	87992	87992	87992	87992
PERSONNEL					18200	18200	18200	18200	18200	18200	18200	18200	18200
ADMINISTRATION					6916	6916	6916	6916	6916	6916	6916	6916	6916
MAINTENANCE					47988	47988	47988	47988	47988	47988	47988	47988	47988
OPERATION					14888	14888	14888	14888	14888	14888	14888	14888	14888
WATER					459	459	459	459	459	459	459	459	459
FUEL					9329	9329	9329	9329	9329	9329	9329	9329	9329
ELECTRICITY					5100	5100	5100	5100	5100	5100	5100	5100	5100
OTHERS													
NET INCOME BEFORE DEP. DEPRECIATION					108432	108432	108432	108432	108432	108432	108432	108432	108432
NET INCOME AFTER DEP. INTEREST ON DEPOSIT					63043	63043	63043	63043	63043	63043	63043	63043	63043
INTEREST ON LT LOAN					45388	45388	45388	45388	45388	45388	45388	45388	45388
OTHERS					1302	1302	4744	9182	13951	19077	24586	30446	36155
NET OPERATING INCOME	575	6213	23231	44469	53753	53753	53753	53753	53753	53753	53753	53724	53414
ACCUMULATED NOI	-575	-6213	-23231	-44469	-8365	-7062	-3621	817	5587	10713	16221	22110	28129
	-575	-6787	-30019	-74488	-82853	-89915	-93536	-92719	-87133	-76420	-60199	-38089	-9959

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS)

Case 2 Income Statement (2)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
INCOME STATEMENT													
OPERATING REVENUES	196424	196424	196424	196424	196424	196424	196424	196424	196424	196424	196424	196424	196424
PORT CHARGES	193237	193237	193237	193237	193237	193237	193237	193237	193237	193237	193237	193237	193237
RENTALS	3187	3187	3187	3187	3187	3187	3187	3187	3187	3187	3187	3187	3187
OTHERS													
OPERATING EXPENSES	87992	87992	87992	87992	87992	87992	87992	87992	87992	87992	87992	87992	87992
PERSONNEL	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200	18200
ADMINISTRATION	6916	6916	6916	6916	6916	6916	6916	6916	6916	6916	6916	6916	6916
MAINTENANCE	47988	47988	47988	47988	47988	47988	47988	47988	47988	47988	47988	47988	47988
OPERATION	14888	14888	14888	14888	14888	14888	14888	14888	14888	14888	14888	14888	14888
WATER	459	459	459	459	459	459	459	459	459	459	459	459	459
FUEL	9329	9329	9329	9329	9329	9329	9329	9329	9329	9329	9329	9329	9329
ELECTRICITY	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100	5100
OTHERS													
NET INCOME BEFORE DEP. DEPRECIATION	108432	108432	108432	108432	108432	108432	108432	108432	108432	108432	108432	108432	108432
NET INCOME AFTER DEP. INTEREST ON DEPOSIT	45388	45388	45388	45388	45388	45388	45388	45388	45388	45388	45388	45388	45388
INTEREST ON LT LOAN	40529	43090	45035	46092	26453	27758	29341	31285	33553	36191	39228	42691	44534
OTHERS	52252	50029	47341	44653	41966	39278	36590	33903	31215	28527	25840	23152	20464
NET OPERATING INCOME	33665	38450	43083	46827	29876	33868	38159	42771	47727	53052	58776	64927	69458
ACCUMULATED NOI	23706	62155	105238	152065	181941	215809	253969	296739	344466	397518	456294	521222	590679

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS)

PAGE 1 /PART 3

Case 2 Income Statement (3)

	2010	2011	2012	2013	2014
INCOME STATEMENT					
OPERATING REVENUES	196424	196424	196424	196424	196424
PORT CHARGES	193237	193237	193237	193237	193237
RENTALS	3187	3187	3187	3187	3187
OTHERS					
OPERATING EXPENSES	87992	87992	87992	87992	87992
PERSONNEL	18200	18200	18200	18200	18200
ADMINISTRATION	6916	6916	6916	6916	6916
MAINTENANCE	47988	47988	47988	47988	47988
OPERATION	14888	14888	14888	14888	14888
WATER	459	459	459	459	459
FUEL	9329	9329	9329	9329	9329
ELECTRICITY	5100	5100	5100	5100	5100
OTHERS					
NET INCOME BEFORE DEP. DEPRECIATION	108432	108432	108432	108432	108432
DEPRECIATION	63043	63043	63043	63043	63043
NET INCOME AFTER DEP. INTEREST ON DEPOSIT	45388	45388	45388	45388	45388
INTEREST ON DEPOSIT	42510	46821	49549	49995	34709
INTEREST ON LT LOAN	17777	15089	12401	9714	7026
OTHERS					
NET OPERATING INCOME	70122	77120	82536	85670	73071
ACCUMULATED NOI	660801	737922	820458	906127	979198

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

Case 2 Cashflow Statement (1) (THOUSAND BAHTS) PAGE 2 /PART 1

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
CASHFLOW STATEMENT													
SOURCE OF FUNDS													
DEPRECIATION				63043	63043	63043	63043	63043	63043	63043	63043	63043	63043
NET OPERATING INCOME	-575	-6213	-23231	-44469	-8365	-7062	-3621	817	5587	10713	16221	22110	28129
LONG TERM LOAN	32830	289360	683120	530490									
GOVERNMENT FUNDS	6930	270560	610510	327900									
OTHERS													
TOTAL SOURCES	39185	553707	1270399	813921	54679	55981	59422	63860	68630	73756	79264	85153	91172
APPLICATION OF FUNDS													
ADDITION TO FIXED ASSET	39760	559920	1293630	858390									
REPAYMENT OF LT LOAN												1642	16110
OTHERS													
TOTAL APPLICATION	39760	559920	1293630	858390								1642	16110
NET CASH FLOW	-575	-6213	-23231	-44469	54679	55981	59422	63860	68630	73756	79264	83512	75063
NCF AT BEGINNING YEAR	-575	-6787	-30019	-74488	-19810	-19810	36171	95593	159454	228083	301839	381104	464615
NCF AT END YEAR	-575	-6787	-30019	-74488	-19810	36171	95593	159454	228083	301839	381104	464615	539678

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD
 (THOUSAND BAHTS) PAGE 2 /PART 2
 Case 2 Cashflow Statement (2)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
CASHFLOW STATEMENT													
SOURCE OF FUNDS													
DEPRECIATION	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043	63043
NET OPERATING INCOME	33665	38450	43083	46827	29876	33868	38159	42771	47727	53052	58776	64927	69458
LONG TERM LOAN													
GOVERNMENT FUNDS													
OTHERS													
TOTAL SOURCES	96708	101493	106126	109870	92919	96912	101203	105814	110770	116096	121819	127971	132501
APPLICATION OF FUNDS													
ADDITION TO FIXED ASSET				313900									112000
REPAYMENT OF LT LOAN	50266	76790	76790	76790	76790	76790	76790	76790	76790	76790	76790	76790	76790
OTHERS													
TOTAL APPLICATION	50266	76790	76790	390690	76790	76790	76790	76790	76790	76790	76790	76790	188790
NET CASH FLOW	46443	24703	29336	-280820	16129	20122	24413	29024	33980	39306	45029	51181	-56289
NCF AT BEGINNING YEAR	539678	586121	610824	640160	359340	375469	395591	420003	449027	483007	522312	567342	618522
NCF AT END YEAR	586121	610824	640160	359340	375469	395591	420003	449027	483007	522312	567342	618522	562233

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS)

PAGE 2 /PART 3

Case 2 Cashflow Statement (3)

2010 2011 2012 2013 2014

CASHFLOW STATEMENT

SOURCE OF FUNDS

DEPRECIATION	63043	63043	63043	63043	63043
NET OPERATING INCOME	70122	77120	82536	85670	73071
LONG TERM LOAN					
GOVERNMENT FUNDS					
OTHERS					
TOTAL SOURCES	133165	140164	145579	148713	136114

APPLICATION OF FUNDS

ADDITION TO FIXED ASSET			56390	313900	
REPAYMENT OF LT LOAN	76790	76790	76790	76790	76790
OTHERS					
TOTAL APPLICATION	76790	76790	133180	390690	76790
NET CASH FLOW	56375	63374	12399	-241977	59324

NCF AT BEGINNING YEAR	562233	618608	681982	694381	452404
NCF AT END YEAR	618608	681982	694381	452404	511728

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BAHTS) PAGE 4 /PART 1

Case 2 Balance Sheet (1)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
BALANCE SHEET													
ASSETS													
CASH	39760	599680	1893310	2751700	2688657	2661785	2658164	2658981	2664567	2675280	2691501	2711970	2723990
DEPOSIT						7234	19119	31891	45617	60368	76221	92923	107936
NON DEPRECIABLE ASSETS	39760	299910	785700	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630
MF ASSETS AFTER DEP.	299770	1107610	1905070	1842027	1778984	1715940	1652897	1589854	1526811	1463768	1400724	1337681	
TOTAL LIABIL.& RETAIN.	39760	599680	1893310	2751700	2688657	2661785	2658164	2658981	2664567	2675280	2691501	2711970	2723990
LIABILITIES													
LONG TERM LOANS	40335	606467	1923329	2826188	2771509	2751700	2751700	2751700	2751700	2751700	2751700	2750058	2733949
GOVERNMENT FUNDS	32830	322190	1005310	1535800	1535800	1535800	1535800	1535800	1535800	1535800	1535800	1534159	1518049
OTHERS<ST LOAN ETC.>	6930	277490	888000	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900
RETAINED EARNINGS	575	6787	30019	74488	19809								
	-575	-6787	-30019	-74488	-82853	-89915	-93536	-92719	-87133	-76420	-60199	-38089	-9959

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

Case 2 Balance Sheet (2)

(THOUSAND BAHTS)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
BALANCE SHEET													
ASSETS	2707389	2669049	2635342	2605378	2558464	2515543	2476912	2442893	2413829	2390092	2372078	2360215	2352883
CASH	117224	122145	128032	71868	75094	79118	84001	89805	96601	104462	113468	123704	112447
DEPOSIT	46897	48859	512128	287472	300375	316472	336002	359222	386405	417850	453873	494818	449786
NON DEPRECIABLE ASSETS	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630	846630
NF ASSETS AFTER DEP.	1274638	1211595	1148552	1399409	1336365	1273322	1210279	1147236	1084193	1021149	958106	895063	944020
TOTAL LIABIL.& RETAIN.	2707389	2669049	2635342	2605378	2558464	2515543	2476912	2442893	2413829	2390092	2372078	2360215	2352883
LIABILITIES	2683683	2606893	2530103	2453313	2376523	2299733	2222943	2146154	2069364	1992574	1915784	1838994	1762204
LONG TERM LOANS	1467784	1390994	1314204	1237414	1160624	1083834	1007044	930254	853464	776674	699884	623094	546304
GOVERNMENT FUNDS	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900	1215900
OTHERS<ST LOAN ETC.>	23706	62155	105238	152065	181941	215809	253969	296739	344466	397518	456294	521222	590679

FINANCIAL STATEMENT OF INDUSTRIAL PORT AT EASTERN SEA BOARD

(THOUSAND BARTS)

Case 2 Balance Sheet (3)

	2010	2011	2012	2013	2014
BALANCE SHEET					
ASSETS	2346215	2346545	2352291	2361171	2357452
CASH	123722	136396	138876	90481	102346
DEPOSIT	494886	545585	555505	361923	409382
NON DEPRECIABLE ASSETS	846630	846630	846630	846630	846630
NF ASSETS AFTER DEP.	880977	817933	811280	1062137	999094
TOTAL LIABIL.& RETAIN.	2346215	2346545	2352291	2361171	2357452
LIABILITIES	1685414	1608624	1531834	1455044	1378254
LONG TERM LOANS	469514	392724	315934	239144	162354
GOVERNMENT FUNDS	1215900	1215900	1215900	1215900	1215900
OTHERS(ST LOAN ETC.)	660801	737922	820458	906127	979198
RETAINED EARNINGS					

** FINANCIAL STATEMENT OF INDUSTRIAL ESTATE AT EASTERN SEA BOARD **
 =====
 Table 6-4 Case 1-1 Income Statement (1)
 (1000 BAHTS)

CASE 1=1

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
INCOME STATEMENT													
OPERATING REVENUE	213089	221828	205302	247839	230614	213389	67207	60475	60475	60475	60475	60475	60475
SALES OF FACTORY SITES	212643	221115	204588	187364	170139	152914	6731						
SEA FRONT AREA	128125	127298	117379	107460	97540	87621							
INLAND AREA	84518	93816	87209	79904	72599	65293	6731						
MAINTENANCE CHARGE				4544	4544	4544	4544	4544	4544	4544	4544	4544	4544
WATER SUPPLY CHARGE	446	713	713	55931	55931	55931	55931	55931	55931	55931	55931	55931	55931
SERVICE WATER	446	713	713	891	891	891	891	891	891	891	891	891	891
INDUSTRIAL WATER				55040	55040	55040	55040	55040	55040	55040	55040	55040	55040
OTHERS													
OPERATING EXPENSES	149544	127151	126922	178055	178055	178055	60256	54805	54805	54805	54805	54805	54805
PERSONNEL	1390	1390	2224	2780	2780	2780	2780	2780	2780	2780	2780	2780	2780
ADMINISTRATION	500	500	801	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001
MAINTENANCE				2055	2055	2055	2055	2055	2055	2055	2055	2055	2055
WATER	405	648	648	48970	48970	48970	48970	48970	48970	48970	48970	48970	48970
SERVICE WATER	405	648	648	810	810	810	810	810	810	810	810	810	810
INDUSTRIAL WATER				48160	48160	48160	48160	48160	48160	48160	48160	48160	48160
COST OF LAND SOLD	147348	124612	133249	123249	123249	123249	5451						
SEA FRONT AREA	88744	70995	70995	70995	70995	70995							
INLAND AREA	58604	53617	52254	52254	52254	52254							
OTHERS													
NET INCOME REF TAX & INT	63545	94677	78379	69784	52559	35334	6950	5670	5670	5670	5670	5670	5670
INTEREST (FOREIGN)	5410	18104	25387	22682	13630	3642							
INTEREST (DOMESTIC)		9188	18774	19172	14578	5191	199						
TAXES ON LAND SALES		13503	14041	12991	11898	9710	427						
NET INCOME AFT TAX & INT	-5410	22751	36475	20829	16032	13547	6324	5670	5670	5670	5670	5670	5670
SAME BUT CUMULATIVE	-5410	17340	53815	74645	90677	104224	121016	127340	133010	138680	144349	150019	155689

** FINANCIAL STATEMENT OF INDUSTRIAL ESTATE AT EASTERN SEA BOARD **
 =====
 Case I-1 Cashflow Statement (1)
 (1000 BAHTS)

CASE 1=1

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
CASHFLOW STATEMENT													
SOURCE OF FUNDS													
NET INCOME AFT TAX & INT	-5410	22751	36475	20829	16032	13547	16792	6324	5670	5670	5670	5670	5670
L-T LOAN <FOREIGN>	125820	169380											
L-T LOAN <DOMESTIC>		114851	4973										
LAND COST AT SOLD		147248	124612	123249	123249	123249	123249	5451					
OTHERS													
TOTAL SOURCES	120410	454230	166060	144078	139282	136797	140041	11775	5670	5670	5670	5670	5670
APPLICATION OF FUNDS													
LAND ACQ & DEVELOPMENT	119410	454230	166060	28000	62910	147600	84690						
REPAYMENT <FOREIGN>						57426	59912	2486					
REPAYMENT <DOMESTIC>													
TOTAL APPLICATIONS	119410	454230	166060	28000	62910	205026	144602	2486					
NET CASHFLOW	1000			116078	76372	-68229	-4561	9288	5670	5670	5670	5670	5670
NCF AT BEGIN' OF YEAR	1000	1000	1000	1000	117078	193450	125221	120661	129949	135619	141288	146958	152628
NCF AT END OF YEAR	1000	1000	1000	117078	193450	125221	120661	129949	135619	141288	146958	152628	158297

** FINANCIAL STATEMENT OF INDUSTRIAL ESTATE AT EASTERN SEA BOARD **
 Table 6-5 Case 1-2 Income Statement (1) (1000 BAHTS)

CASE 1=2

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
INCOME STATEMENT													
OPERATING REVENUE	213089	221828	205302	247839	230614	213389	67207	60475	60475	60475	60475	60475	60475
SALES OF FACTORY SITES	212643	221115	204588	187364	170139	152914	6731						
SEA FRONT AREA	128125	127290	117379	107460	97540	87621							
INLAND AREA	84518	93816	87209	79904	72599	65293	6731						
MAINTENANCE CHARGE				4544	4544	4544	4544	4544	4544	4544	4544	4544	4544
WATER SUPPLY CHARGE	446	713	713	55931	55931	55931	55931	55931	55931	55931	55931	55931	55931
SERVICE WATER	446	713	713	891	891	891	891	891	891	891	891	891	891
INDUSTRIAL WATER				55040	55040	55040	55040	55040	55040	55040	55040	55040	55040
OTHERS													
OPERATING EXPENSES	149544	127151	126922	178055	178055	178055	60256	54805	54805	54805	54805	54805	54805
PERSONNEL	1390	1390	2224	2780	2780	2780	2780	2780	2780	2780	2780	2780	2780
ADMINISTRATION	500	500	801	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001
MAINTENANCE				2055	2055	2055	2055	2055	2055	2055	2055	2055	2055
WATER	405	648	648	48970	48970	48970	48970	48970	48970	48970	48970	48970	48970
SERVICE WATER	405	648	648	810	810	810	810	810	810	810	810	810	810
INDUSTRIAL WATER				48160	48160	48160	48160	48160	48160	48160	48160	48160	48160
COST OF LAND SOLD	147248	124612	123249	123249	123249	123249	5451						
SEA FRONT AREA	88744	70995	70995	70995	70995	70995							
INLAND AREA	58504	53617	52254	52254	52254	52254							
OTHERS													
NET INCOME BEF TAX & INT	63545	94677	78379	69784	52559	35334	6950	5670	5670	5670	5670	5670	5670
INTEREST <FOREIGN>	7008	23244	32472	28968	17346	4614							
INTEREST <DOMESTIC>		9774	20664	21780	16893	6561	558						
TAXES ON LAND SALES		13503	14041	12991	11898	10804	427						
NET INCOME AFT TAX & INT	-7008	17025	27501	11137	7139	14450	5965	5670	5670	5670	5670	5670	5670
SAME BUT CUMULATIVE	-7008	10017	37517	48654	55793	63309	77759	83724	89394	95063	100733	106403	112072

** FINANCIAL STATEMENT OF INDUSTRIAL ESTATE AT EASTERN SEA BOARD **
 (1000 BAHTS)

Case 1-2 Cashflow Statement (1)

CASE 1-2

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
CASHFLOW STATEMENT													
SOURCE OF FUNDS													
NET INCOME AFT TAX & INT	-7008	17025	27501	11137	7139	7517	14450	5965	5670	5670	5670	5670	5670
L-T LOAN <FOREIGN>	127418	167782											
L-T LOAN <DOMESTIC>		13947											
LAND COST AT SOLD		147248	124612	123249	123249	123249	123249	5451					
OTHERS													
TOTAL SOURCES	120410	454230	166060	134386	130388	130766	137699	11416	5670	5670	5670	5670	5670
APPLICATION OF FUNDS													
LAND ACQ & DEVELOPMENT					63709	147600	83891						
REPAYMENT <FOREIGN>						61088	68061	6974					
REPAYMENT <DOMESTIC>													
TOTAL APPLICATIONS	119410	454230	166060	28000	63709	208688	151952	6974					
NET CASHFLOW	1000			106386	66679	-77921	-14253	4442	5670	5670	5670	5670	5670
NCF AT BEGIN' OF YEAR	1000	1000	1000	1000	107386	174065	96144	81891	86333	92002	97672	103342	109011
NCF AT END OF YEAR	1000	1000	1000	107386	174065	96144	81891	86333	92002	97672	103342	109011	114681

** FINANCIAL STATEMENT OF INDUSTRIAL ESTATE AT EASTERN SEA BOARD **
 =====
 Table 6-6 Case 2-1, 5% price margin in Case 1-1 (1000 BAHTS)
 =====

CASE 2=1

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Income Statement (1)													
INCOME STATEMENT													
OPERATING REVENUE	203705	212053	194256	239255	223091	206628	66898	60475	60475	60475	60475	60475	60475
SALES OF FACTORY SITES	203259	211340	195543	179080	143616	146153	6423						
SEA FRONT AREA	122614	121823	112331	102838	93345	83852	6423						
INLAND AREA	80645	89516	83212	76242	69271	62301	6423						
MAINTENANCE CHARGE				4544	4544	4544	4544	4544	4544	4544	4544	4544	4544
WATER SUPPLY CHARGE	446	713	713	55931	55931	55931	55931	55931	55931	55931	55931	55931	55931
SERVICE WATER	446	713	713	891	891	891	891	891	891	891	891	891	891
INDUSTRIAL WATER				55040	55040	55040	55040	55040	55040	55040	55040	55040	55040
OTHERS													
OPERATING EXPENSES	149544	127151	126922	178055	178055	178055	60256	54805	54805	54805	54805	54805	54805
PERSONNEL	1390	1390	2224	2780	2780	2780	2780	2780	2780	2780	2780	2780	2780
ADMINISTRATION	500	500	801	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001
MAINTENANCE				2055	2055	2055	2055	2055	2055	2055	2055	2055	2055
WATER	405	648	648	48970	48970	48970	48970	48970	48970	48970	48970	48970	48970
SERVICE WATER	405	648	648	810	810	810	810	810	810	810	810	810	810
INDUSTRIAL WATER				48160	48160	48160	48160	48160	48160	48160	48160	48160	48160
COST OF LAND SOLD	147248	124612	123249	123249	123249	123249	5451						
SEA FRONT AREA	88744	70995	70995	70995	70995	70995							
INLAND AREA	58504	53617	52254	52254	52254	52254							
OTHERS													
NET INCOME BEF TAX & INT	54161	84902	69334	61500	45036	28573	6642	5670	5670	5670	5670	5670	5670
INTEREST <FOREIGN>	5410	18104	25387	22682	13630	3642							
INTEREST <DOMESTIC>		9952	21231	22558	17582	6966	663						
TAXES ON LAND SALES		12907	13420	12417	10326	9281	408						
NET INCOME AFT TAX & INT	-5410	13198	24863	8971	4888	8685	5571	5670	5670	5670	5670	5670	5670
SAME BUT CUMULATIVE	-5410	7788	32651	41622	46510	50008	64264	69933	75603	81273	86942	92612	92612

** FINANCIAL STATEMENT OF INDUSTRIAL ESTATE AT EASTERN SEA BOARD **
 (1000 RMBTS)

Case 2-1 Cashflow Statement (1)

CASE 2=1

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
CASHFLOW STATEMENT													
SOURCE OF FUNDS													
NET INCOME AFT TAX & INT	-5410	13198	24863	8971	4888	3498	8485	5571	5670	5670	5670	5670	5670
L-T LOAN <FOREIGN>	125820	169380											
L-T LOAN <DOMESTIC>		124404	16585										
LAND COST AT SOLD		147248	124612	123249	123249	123249	123249	5451					
OTHERS													
TOTAL SOURCES	120410	454230	166060	132221	128137	126748	131934	11021	5670	5670	5670	5670	5670
APPLICATION OF FUNDS													
LAND ACQ & DEVELOPMENT					62910	147600	84690						
REPAYMENT <FOREIGN>						62302	70494	8292					
REPAYMENT <DOMESTIC>													
TOTAL APPLICATIONS	119410	454230	166060	28000	62910	209802	155184	8292					
NET CASHFLOW	1000			104221	65227	-83055	-23250	2729	5670	5670	5670	5670	5670
NCF AT BEGIN' OF YEAR	1000	1000	1000	1000	105221	170448	87394	64143	66872	72542	78211	83881	89551
NCF AT END OF YEAR	1000	1000	1000	105221	170448	87394	64143	66872	72542	78211	83881	89551	95220

** FINANCIAL STATEMENT OF INDUSTRIAL ESTATE AT EASTERN SEA BOARD **
 Table 6-7 Case 2-2, 5% pricemargin Income Statement (1) (1000 BAHTS)

CASE 2=2

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
INCOME STATEMENT													
OPERATING REVENUE	203705	212053	196256	239555	223091	206628	66898	60475	60475	60475	60475	60475	60475
SALES OF FACTORY SITES	203259	211340	195543	179080	162616	146153	6423						
SEA FRONT AREA	122614	121823	112331	102838	93345	83852							
INLAND AREA	80645	89516	83212	76242	69271	62301	6423						
MAINTENANCE CHARGE			4544	4544	4544	4544	4544	4544	4544	4544	4544	4544	4544
WATER SUPPLY CHARGE	446	713	713	55931	55931	55931	55931	55931	55931	55931	55931	55931	55931
SERVICE WATER	446	713	713	891	891	891	891	891	891	891	891	891	891
INDUSTRIAL WATER				55040	55040	55040	55040	55040	55040	55040	55040	55040	55040
OTHERS													
OPERATING EXPENSES	149544	127151	126922	178055	178055	178055	60256	54805	54805	54805	54805	54805	54805
PERSONNEL	1390	1390	2224	2780	2780	2780	2780	2780	2780	2780	2780	2780	2780
ADMINISTRATION	500	500	801	1001	1001	1001	1001	1001	1001	1001	1001	1001	1001
MAINTENANCE				2055	2055	2055	2055	2055	2055	2055	2055	2055	2055
WATER	405	648	648	48970	48970	48970	48970	48970	48970	48970	48970	48970	48970
SERVICE WATER	405	648	648	810	810	810	810	810	810	810	810	810	810
INDUSTRIAL WATER				48160	48160	48160	48160	48160	48160	48160	48160	48160	48160
COST OF LAND SOLD	147248	124612	123249	123249	123249	123249	5451						
SEA FRONT AREA	88744	70995	70995	70995	70995	70995							
INLAND AREA	58504	53617	52254	52254	52254	52254							
OTHERS													
NET INCOME BEF TAX & INT	54161	84902	69334	61500	45036	28573	6642	5670	5670	5670	5670	5670	5670
INTEREST <FOREIGN>	7008	23244	32472	28968	17346	4614							
INTEREST <DOMESTIC>		10538	23121	25166	19897	8336	1022						
TAXES ON LAND SALES		12907	13420	11372	10326	9281	408						
NET INCOME AFT TAX & INT	-7008	7472	15889	-721	-4006	-2532	6342	5212	5670	5670	5670	5670	5670
SAME BUT CUMULATIVE	-7008	464	16353	11626	9093	15436	20647	26317	31986	37656	43326	48995	

** FINANCIAL STATEMENT OF INDUSTRIAL ESTATE AT EASTERN SEA BOARD **
 =====
 (1000 RAHIS)
 =====
 Case 2-2 Cashflow Statement (1)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
CASHFLOW STATEMENT													
SOURCE OF FUNDS													
NET INCOME AFT TAX & INT	-7008	7472	15889	-721	-4006	-2532	6342	5212	5670	5670	5670	5670	5670
L-T LOAN <FOREIGN>	127418	167782											
L-T LOAN <DOMESTIC>		131728	25559										
LAND COST AT SOLD		147248	124612	123249	123249	123249	123249	5451					
OTHERS													
TOTAL SOURCES	120410	454230	166060	122528	119244	120717	129592	10662	5670	5670	5670	5670	5670
APPLICATION OF FUNDS													
LAND ACQ & DEVELOPMENT	119410	454230	166060	28000	63709	147600	83891						
REPAYMENT <FOREIGN>					65864	78644	12780						
REPAYMENT <DOMESTIC>													
TOTAL APPLICATIONS	119410	454230	166060	28000	63709	213464	162535	12780					
NET CASHFLOW	1000			94528	55535	-92747	-32943	-2117	5670	5670	5670	5670	5670
NCF AT BEGIN' OF YEAR	1000	1000	1000	1000	95528	151063	58316	25373	23256	28925	34595	40265	45934
NCF AT END OF YEAR		1000	1000	95528	151063	58316	25373	23256	28925	34595	40265	45934	51604

** FINANCIAL STATEMENT OF INDUSTRIAL ESTATE AT EASTERN SEA BOARD **
 =====
 Table 6-8 Case 3-1, Delay of land sales in Case 1-1 (1000 BAHTS)

CASE 3=1

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
INCOME STATEMENT													
OPERATING REVENUE				234885	249036	230816	267044	248053	229063	67897	60475	60475	60475
SALES OF FACTORY SITES				234439	243779	225559	206568	187578	148588	7421			
SEA FRONT AREA				141258	140347	129410	118474	107538	96602				
INLAND AREA				93182	103432	96148	88094	80040	71986	7421			
MAINTENANCE CHARGE					4544	4544	4544	4544	4544	4544	4544	4544	4544
WATER SUPPLY CHARGE				446	713	713	55931	55931	55931	55931	55931	55931	55931
SERVICE WATER				446	713	713	891	891	891	891	891	891	891
INDUSTRIAL WATER							55040	55040	55040	55040	55040	55040	55040
OTHERS													
OPERATING EXPENSES	1890	1890	1890	165771	143868	142366	190688	190688	190688	60815	54805	54805	54805
PERSONNEL	1390	1390	500	2224	2780	2780	2780	2780	2780	2780	2780	2780	2780
ADMINISTRATION	500			801	1001	1001	1001	1001	1001	1001	1001	1001	1001
MAINTENANCE					2055	2055	2055	2055	2055	2055	2055	2055	2055
WATER				405	648	648	48970	48970	48970	48970	48970	48970	48970
SERVICE WATER				405	648	648	810	810	810	810	810	810	810
INDUSTRIAL WATER							48160	48160	48160	48160	48160	48160	48160
COST OF LAND SOLD				162341	137385	135882	135882	135882	135882	6009			
SEA FRONT AREA				97841	78272	78272	78272	78272	78272				
INLAND AREA				64501	59112	57610	57610	57610	57610				
OTHERS													
NET INCOME REF TAX & INT	-1890	-1890	-1890	69114	105168	88450	76356	57365	38375	7082	5670	5670	5670
INTEREST < FOREIGN >	5410	18104	25387	25387	22682	13630	3642						
INTEREST < DOMESTIC >		26508	64308	75600	75600	62346	30192	5446					
TAXES ON LAND SALES				14887	15480	14323	13117	11911	10705	471			
NET INCOME AFT TAX & INT	-5410	-46502	-91586	-46760	-8594	-1849	29405	39808	27670	6610	5670	5670	5670
SAME BUT CUMULATIVE	-5410	-51913	-143498	-190258	-198853	-200702	-171297	-131488	-103819	-97208	-91539	-85869	-80199

** FINANCIAL STATEMENT OF INDUSTRIAL ESTATE AT EASTERN SEA BOARD **
 =====
 Case 3-1 Cashflow Statement (1)
 (1000 BAHTS)

CASE 3=1

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
CASHFLOW STATEMENT													
SOURCE OF FUNDS													
NET INCOME AFT TAX & INT	-5410	-46502	-91586	-46760	-8594	-1849	29405	39808	27670	6610	5670	5670	5670
L-T LOAN (FOREIGN)	125820	169380											
L-T LOAN (DOMESTIC)		331353	141147										
LAND COST AT SOLD			162341	135882	137385	135882	135882	135882	135882	6009			
OTHERS													
TOTAL SOURCES	120410	454230	49562	11581	128790	134033	165288	175691	163552	12620	5670	5670	5670
APPLICATION OF FUNDS													
LAND ACQ & DEVELOPMENT			166060	28000	62910	147600	84690						
REPAYMENT (FOREIGN)						165676	236250	70574					
REPAYMENT (DOMESTIC)													
TOTAL APPLICATIONS	119410	454230	166060	28000	62910	313276	320940	70574					
NET CASHFLOW	1000		-116498	87581	65880	-179243	-155652	105117	163552	12620	5670	5670	5670
NCF AT BEGIN' OF YEAR	1000	1000	1000	-115498	-27917	37963	-141280	-296932	-191815	-28263	-15643	-9973	-4304
NCF AT END OF YEAR	1000	1000	-115498	-27917	37963	-141280	-296932	-191815	-28263	-15643	-9973	-4304	1366

** FINANCIAL STATEMENT OF INDUSTRIAL ESTATE AT EASTERN SEA BOARD **
 (1000 BAHTS)

Table 6-9 Case 3-2, Delay of land sales in Case 1-2
 Income Statement (1)

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
INCOME STATEMENT													
OPERATING REVENUE				234885	249036	230816	267044	248053	229063	67897	60475	60475	60475
SALES OF FACTORY SITES				234439	243779	225559	206568	187578	168588	7421			
SEA FRONT AREA				141258	140347	129410	118474	107538	96602				
INLAND AREA				93182	103432	96148	88094	80040	71986	7421			
MAINTENANCE CHARGE					4544	4544	4544	4544	4544	4544	4544	4544	4544
WATER SUPPLY CHARGE				446	713	713	55931	55931	55931	55931	55931	55931	55931
SERVICE WATER				446	713	713	891	891	891	891	891	891	891
INDUSTRIAL WATER							55040	55040	55040	55040	55040	55040	55040
OTHERS													
OPERATING EXPENSES				165771	143868	142366	190688	190688	190688	60815	54805	54805	54805
PERSONNEL				2224	2780	2780	2780	2780	2780	2780	2780	2780	2780
ADMINISTRATION				801	1001	1001	1001	1001	1001	1001	1001	1001	1001
MAINTENANCE					2055	2055	2055	2055	2055	2055	2055	2055	2055
WATER				405	648	648	48970	48970	48970	48970	48970	48970	48970
SERVICE WATER				405	648	648	810	810	810	810	810	810	810
INDUSTRIAL WATER							48160	48160	48160	48160	48160	48160	48160
COST OF LAND SOLD				162341	137385	135882	135882	135882	135882	6009			
SEA FRONT AREA				97841	78272	78272	78272	78272	78272				
INLAND AREA				64501	59112	57610	57610	57610	57610				
OTHERS													
NET INCOME REF TAX & INT				69114	105168	88450	76356	57365	38375	7082	5670	5670	5670
INTEREST <FOREIGN>				32472	28968	17346	4614						
INTEREST <DOMESTIC>				75600	75600	62033	29606	5353					
TAXES ON LAND SALES				14887	15480	14323	13117	11911	10705	471			
NET INCOME AFT TAX & INT				-53845	-14880	-5272	29019	40101	27670	6610	5670	5670	5670
SAME BUT CUMULATIVE				-59236	-158493	-227218	-232490	-203471	-163370	-129090	-123420	-117751	-112081

*** FINANCIAL STATEMENT OF INDUSTRIAL ESTATE AT EASTERN SEA BOARD ***

Case 3-2 Cashflow Statement (1)
(1000 BAHTS)

CASE 3=2

	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
CASHFLOW STATEMENT													
SOURCE OF FUNDS													
NET INCOME AFT TAX & INT	-7008	-52228	-99256	-53845	-14880	-5272	29019	40101	27670	6610	5670	5670	5670
L-T LOAN <FOREIGN>	127418	167782											
L-T LOAN <DOMESTIC>		338676	133824										
LAND COST AT SOLD				162341	137385	135882	135882	135882	135882	6009			
OTHERS													
TOTAL SOURCES	120410	454230	34567	108497	122504	130610	164901	175984	163552	12620	5670	5670	5670
APPLICATION OF FUNDS													
LAND ACQ & DEVELOPMENT	119410	454230	166060	28000	63709	147600	83891						
REPAYMENT <FOREIGN>						169338	236250	66912					
REPAYMENT <DOMESTIC>													
TOTAL APPLICATIONS	119410	454230	166060	28000	63709	316938	320141	66912					
NET CASHFLOW	1000		-131493	80497	58795	-186328	-155240	109072	163552	12620	5670	5670	5670
NCF AT BEGIN' OF YEAR	1000	1000	1000	-130493	-49996	8799	-177529	-332768	-223697	-60144	-47525	-41855	-36185
NCF AT END OF YEAR	1000	1000	-130493	-49996	8799	-177529	-332768	-223697	-60144	-47525	-41855	-36185	-30516

補遺7 経済分析

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表 7-1 日本の土木工事の総生産額の内訳比率

Item		Percent %	
Intermediate goods		58.3	
Gross value added	Salary	19.7	41.7
	Operating surplus	17.7	
	Capital consumption allowance	2.5	
	Indirect tax	0.3	
	Other	1.5	
Gross output		100	

Source; Inter-industry table in Kanto, 1960

表 7-2 タイおよび日本の石油精製業の総生産額の内訳(従業員1人当たり)

(Unit: 1,000 Baht)

	Total cost of production	Value-added			Value of gross output
		Salary	Operating surplus and other	Total	
Thailand 1977	20,975.2 (85.3)	194.6 (0.8)	3,432.3 (13.8)	3,626.9 (14.7)	24,602 (100)
Japan 1979	28,194 (88.92)	393 (1.24)	3,121 (9.84)	3,514 (11.08)	31,708 (100)

Source; Thailand; Industrial census 1978.

Japan ; Industrial statistics, 1979.

Note; Figure in () is percent.

米作地の限界生産価値の算出

1) 単価収獲高

Unit: Kg/Rai

Year	One crop per year	Two crop per year
1976	269	509
1977	231	532
1978	261	532
1979	258	528
1980	271	608

Source: Agricultural Economic Office

2) 生産者販売価格

Unit: Baht/Ton

Year	Average
1979	2,501
1980	2,994
1981	3,435

Source: Agricultural Economic Office

3) 市場販売価格

Unit: Baht/Ton

Year	Wholesale	Retail	FOB
1976	3,939	4,517	5,126
1977	4,045	4,550	5,529
1978	4,495	5,206	7,454
1979	4,609	5,220	6,791
1980	5,785	6,509	8,837
1981	6,818	8,320	11,349

Source: Rice committee, BOT
Internal Trade Department, HOC

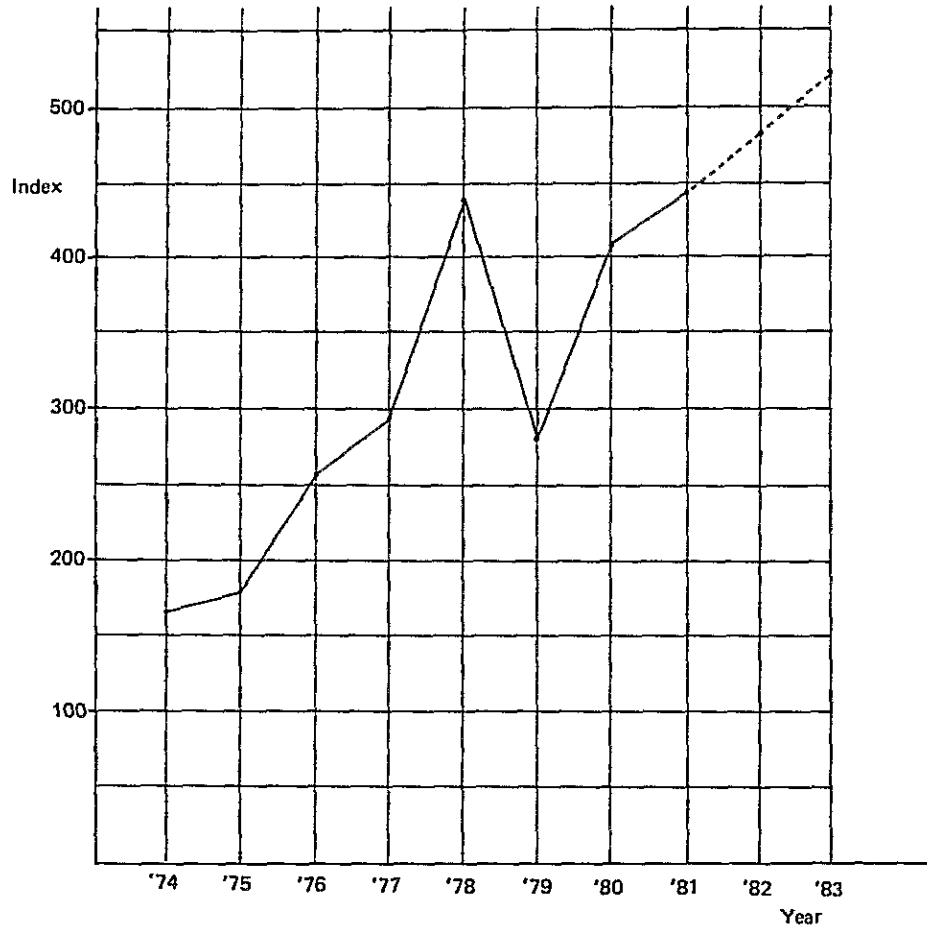
米のFOB価格は1980年では8,837 Baht/tである。一方、生産価格は2,994 Baht/tである。これは、FOB価格の33.9%である。

市場貸付金利を14%とすると、米作地の限界生産価値は1980年価格で13,010 Baht/Raiとなる。

$$8837 \times 0.608 \times 0.339 \times \frac{1}{0.14} = 13010 \text{ Baht/Rai}$$

1983年価格では18,023 Baht/Raiとなる。

1972 = 100



Source : Bank of Thailand Quarterly Bulletin March 1982

図 7-1 タピオカの市場物価指数

表 7 - 3 MIE の建設費の各年度別変換係数

(1) Calculation of the Conversion Factor for Construction Cost for MIE in 1984

Item	Division Component	Foreign Currency	Local currency						②	① × ②
			Traded good	Skilled Labour	Unskilled Labour	Untraded goods	Machinery	Land		
	Conversion factor	1.00	1.00	0.93	0.52	0.95	0.86	0.43		
	Composition ratio ① %									
Land Acquisition	60.5	-	-	-	-	-	-	(100) 0.43	(100) 0.43	0.260
Industrial Complex	10.3	(47.7) 0.477	(14.1) 0.141	(3.7) 0.034	(5.6) 0.029	(22.0) 0.209	(0.9) 0.059	-	(100) 0.949	0.098
Port Area	14.0	(55.0) 0.55	(13.5) 0.135	(4.4) 0.041	(6.7) 0.035	(17.5) 0.166	(2.9) 0.025	-	(100) 0.952	0.133
Urban Area	9.1	(34.7) 0.347	(17.4) 0.174	(4.3) 0.040	(6.5) 0.034	(31.3) 0.287	(5.8) 0.050	-	(100) 0.942	0.086
Railway	6.1	(36.8) 0.368	(27.2) 0.272	(5.2) 0.048	(7.7) 0.040	(15.0) 0.425	(8.1) 0.070	-	(100) 0.941	0.057
Telecommunication	0	(57.0) 0.570	(5.6) 0.056	(6.1) 0.057	(9.1) 0.047	(22.2) 0.211	-	-	(100) 0.941	0
Total	100								General Conversion factor	0.634

(2) Calculation of the Conversion Factor for Construction Cost for MIE in 1985

Item	Division Component	Foreign Currency	Local currency						②	① × ②
			Traded good	Skilled Labour	Unskilled Labour	Untraded goods	Machinery	Land		
	Conversion factor	1.00	1.00	0.93	0.52	0.95	0.86	0.43		
	Composition ratio ① %									
Land Acquisition	3.8	-	-	-	-	-	-	(100) 0.43	(100) 0.43	0.016
Industrial Complex	42.8	(47.7) 0.477	(14.1) 0.141	(3.7) 0.034	(5.6) 0.029	(22.0) 0.209	(6.9) 0.059	-	(100) 0.949	0.406
Port Area	39.5	(55.0) 0.55	(13.5) 0.135	(4.4) 0.041	(6.7) 0.035	(17.5) 0.166	(2.9) 0.025	-	(100) 0.952	0.376
Urban Area	6.6	(34.7) 0.347	(17.4) 0.174	(4.3) 0.040	(6.5) 0.034	(31.3) 0.287	(5.8) 0.050	-	(100) 0.942	0.062
Railway	7.3	(36.8) 0.368	(27.2) 0.272	(5.2) 0.048	(7.7) 0.040	(15.0) 0.425	(8.1) 0.070	-	(100) 0.941	0.069
Telecommunication	0	(57.0) 0.570	(5.6) 0.056	(6.1) 0.057	(9.1) 0.047	(22.2) 0.211	-	-	(100) 0.941	0
Total	100								General Conversion factor	0.929

(3) Calculation of the Conversion Factor for Construction Cost for MIE in 1986

Item	Division Component	Foreign Currency	Local currency					②	① × ②	
			Traded goods	Skilled Labour	Unskilled Labour	Untraded goods	Machinery			Land
	Conversion factor	1.00	1.00	0.93	0.52	0.95	0.86	0.43		
	Composition ratio ① %									
Land Acquisition	0	-	-	-	-	-	-	(100) 0.43	(100) 0.43	-
Industrial Complex	11.3	(47.7) 0.477	(14.1) 0.141	(3.7) 0.034	(5.6) 0.029	(22.0) 0.209	(6.9) 0.059	-	(100) 0.949	0.107
Port Area	69.4	(55.0) 0.55	(13.5) 0.135	(4.4) 0.041	(6.7) 0.035	(17.5) 0.166	(2.9) 0.025	-	(100) 0.952	0.661
Urban Area	7.0	(34.7) 0.347	(17.4) 0.174	(4.3) 0.040	(6.5) 0.034	(31.3) 0.297	(5.8) 0.050	-	(100) 0.942	0.066
Railway	8.4	(36.8) 0.368	(27.2) 0.272	(5.2) 0.048	(7.7) 0.040	(15.0) 0.425	(8.1) 0.070	-	(100) 0.941	0.079
Telecommunication	3.9	(57.0) 0.570	(5.6) 0.056	(6.1) 0.057	(9.1) 0.047	(22.2) 0.211	-	-	(100) 0.941	0.037
Total	100								General Conversion factor	0.95

(4) Calculation of the Conversion Factor for Construction Cost for MIE in 1987

Item	Division Component	Foreign Currency	Local currency					②	① × ②	
			Traded good	Skilled Labour	Unskilled Labour	Untraded goods	Machinery			Land
	Conversion factor	1.00	1.00	0.93	0.52	0.95	0.86	0.43		
	Composition ratio ① %									
Land Acquisition	0	-	-	-	-	-	-	(100) 0.43	(100) 0.43	0
Industrial Complex	2.7	(47.7) 0.477	(14.1) 0.141	(3.7) 0.034	(5.6) 0.029	(22.0) 0.209	(6.9) 0.059	-	(100) 0.949	0.026
	76.0	(55.0) 0.55	(13.5) 0.135	(4.4) 0.041	(6.7) 0.035	(17.5) 0.166	(2.9) 0.025	-	(100) 0.952	0.724
Urban Area	16.5	(34.7) 0.347	(17.4) 0.174	(4.3) 0.040	(6.5) 0.034	(31.3) 0.297	(5.8) 0.050	-	(100) 0.942	0.155
Railway	0	(36.8) 0.368	(27.2) 0.272	(5.2) 0.048	(7.7) 0.040	(15.0) 0.425	(8.1) 0.070	-	(100) 0.941	0
Telecommunication	4.8	(57.0) 0.570	(5.6) 0.056	(6.1) 0.057	(9.1) 0.047	(22.2) 0.211	-	-	(100) 0.941	0.045
Total	100								General Conversion factor	0.95

表7-4(1) ケーススタデー

No.2 case

Project life 20 years

(Unit: 10⁶ ¥)

	Year	Cost (1)	Benefit (2)	(2) - (1)	Net present value discount rate = 14.8%
1	1984	899		-899	899
2	1985	11,171		-11,171	-9,730.84
3	1986	18,217		-18,217	-13,822.71
4	1987	6,912		-6,912	-4,568.55
5	1988	106	5,483	5,377	3,095.80
6	1989	106	7,046	6,940	3,480.57
7	1990	106	7,833	7,727	3,375.67
8	1991	106	7,833	7,727	2,940.48
9	1992	106	7,833	7,727	2,561.39
10	1993	106	7,833	7,727	2,231.18
11	1994	106	7,833	7,727	1,943.53
12	1995	106	7,833	7,727	1,692.97
13	1996	106	7,833	7,727	1,474.72
14	1997	106	7,833	7,727	1,284.60
15	1998	106	7,833	7,727	1,118.99
16	1999	106	7,833	7,727	974.73
17	2000	106	7,833	7,727	849.06
18	2001	106	7,833	7,727	739.60
19	2002	106	7,833	7,727	644.25
20	2003	106	7,833	7,727	561.20
21	2004				
22	2005				
23	2006				
24	2007				
25	2008				

-52.36

表 7-4(2) ケーススタデー

No.3 case

Cost 10% higher, Benefit as estimated

(Unit @ 10⁶ ¥)

	Year	Cost (1)	Benefit (2)	(2) - (1)	Net present value discount rate = 14.3%
1	1984	989		-989	-989
2	1985	12,288		-12,288	-10,750.66
3	1986	20,039		-20,039	-15,338.52
4	1987	7,603		-7,603	-5,091.51
5	1988	117	5,483	5,366	3,143.88
6	1989	117	7,046	6,929	3,551.73
7	1990	117	7,833	7,716	3,460.31
8	1991	117	7,833	7,716	3,027.39
9	1992	117	7,833	7,716	2,648.64
10	1993	117	7,833	7,716	2,317.27
11	1994	117	7,833	7,716	2,027.36
12	1995	117	7,833	7,716	1,773.71
13	1996	117	7,833	7,716	1,551.81
14	1997	117	7,833	7,716	1,357.66
15	1998	117	7,833	7,716	1,187.80
16	1998	117	7,833	7,716	1,039.20
17	2000	117	7,833	7,716	909.19
18	2001	117	7,833	7,716	795.44
19	2002	117	7,833	7,716	695.92
20	2003	117	7,833	7,716	608.85
21	2004	117	7,833	7,716	532.68
22	2005	117	7,833	7,716	466.04
23	2006	117	7,833	7,716	407.73
24	2007	117	7,833	7,716	356.72
25	2008	117	7,833	7,716	312.09

1.73

表 7-4(3) ケーススタデー

No.4 case
 Cost 10% higher
 Benefit as estimated
 Project life 20 years

(Unit: 10⁶ ¥)

	Year	Cost (1)	Benefit (2)	(2) - (1)	Net present value discount rate = 13.3%
1	1984	989		-989	-989
2	1985	12,288		-12,288	-10,845.54
3	1986	20,039		-20,039	-15,610.48
4	1987	7,603	-2,603	-7,603	-5,227.51
5	1988	117	5,483	5,366	3,256.35
6	1989	117	7,046	6,929	3,711.26
7	1990	117	7,833	7,716	3,647.65
8	1991	117	7,833	7,716	3,219.46
9	1992	117	7,833	7,716	2,841.53
10	1993	117	7,833	7,716	2,507.97
11	1994	117	7,833	7,716	2,213.57
12	1995	117	7,833	7,716	1,953.72
13	1996	117	7,833	7,716	1,724.38
14	1997	117	7,833	7,716	1,521.96
15	1998	117	7,833	7,716	1,343.30
16	1999	117	7,833	7,716	1,185.61
17	2000	117	7,833	7,716	1,046.44
18	2001	117	7,833	7,716	923.60
19	2002	117	7,833	7,716	815.18
20	2003	117	7,833	7,716	719.49
21	2004				
22	2005				
23	2006				
24	2007				
25	2008				

-41.06

表7-4(4) ケーススタデー

No.5 case

Cost as estimated
Benefit 10% lower(Unit: 10⁶ ¥)

	Year	Cost (1)	Benefit (2)	(2) - (1)	Net present value discount rate = 14.2%
1	1984	899		-899	-899
2	1985	11,171		-11,171	-9,781.96
3	1986	18,217		-18,217	-13,968.34
4	1987	6,912		-6,912	-4,640.93
5	1988	106	4,935	4,829	2,839.18
6	1989	106	6,341	6,235	3,210.01
7	1990	106	7,050	6,944	3,130.5
8	1991	106	7,050	6,944	2,741.24
9	1992	106	7,050	6,944	2,400.38
10	1993	106	7,050	6,944	2,101.91
11	1994	106	7,050	6,944	1,840.55
12	1995	106	7,050	6,944	1,611.69
13	1996	106	7,050	6,944	1,411.29
14	1997	106	7,050	6,944	1,235.81
15	1998	106	7,050	6,944	1,082.14
16	1999	106	7,050	6,944	947.58
17	2000	106	7,050	6,944	829.76
18	2001	106	7,050	6,944	726.58
19	2002	106	7,050	6,944	636.24
20	2003	106	7,050	6,944	557.13
21	2004	106	7,050	6,944	487.85
22	2005	106	7,050	6,944	427.19
23	2006	106	7,050	6,944	374.07
24	2007	106	7,050	6,944	327.56
25	2008	106	7,050	6,944	286.83

-84.74

表 7 - 4 (5) ケーススタデー

No.6 case
 Cost as estimated
 Benefit 10% lower
 Project life 20 years

(Unit: 10⁶ ¥)

	Year	Cost (1)	Benefit (2)	(2) - (1)	Net present value discount rate = 13.1%
1	1984	899		-899	-899
2	1985	11,171		-11,171	-9,877.1
3	1986	18,217		-18,217	-14,241.37
4	1987	6,912		-6,912	-4,277.67
5	1988	106	4,935	4,829	2,951.26
6	1989	106	6,341	6,235	3,369.17
7	1990	106	7,050	6,944	3,317.68
8	1991	106	7,050	6,944	2,933.40
9	1992	106	7,050	6,944	2,593.64
10	1993	106	7,050	6,944	2,293.22
11	1994	106	7,050	6,944	2,027.61
12	1995	106	7,050	6,944	1,792.76
13	1996	106	7,050	6,944	1,585.11
14	1997	106	7,050	6,944	1,401.51
15	1998	106	7,050	6,944	1,239.18
16	1999	106	7,050	6,944	1,095.65
17	2000	106	7,050	6,944	968.74
18	2001	106	7,050	6,944	856.54
19	2002	106	7,050	6,944	757.33
20	2003	106	7,050	6,944	669.61
21	2004				
22	2005				
23	2006				
24	2007				
25	2008				

57.27

表7-4(6) ケーススタデー

No.7 case
 Cost 10% higher
 Benefit 10% lower
 Project life 25 years

(Unit: 10⁶ ¥)

	Year	Cost (1)	Benefit (2)	(2) - (1)	Net present value discount rate = 12.8%
1	1984	989		-989	-989
2	1985	12,288		-12,288	-10,893.62
3	1986	20,039		-20,039	-15,749.18
4	1987	7,603		-7,603	-5,297.34
5	1998	117	4,935	4,818	2,975.98
6	1989	117	6,341	6,224	3,419.14
7	1990	117	7,050	6,933	3,365.63
8	1991	117	7,050	6,933	2,983.72
9	1992	117	7,050	6,933	2,645.14
10	1993	117	7,050	6,933	2,344.98
11	1994	117	7,050	6,933	2,078.88
12	1995	117	7,050	6,933	1,842.98
13	1996	117	7,050	6,933	1,633.85
14	1997	117	7,050	6,933	1,448.45
15	1998	117	7,050	6,933	1,284.09
16	1999	117	7,050	6,933	1,138.37
17	2000	117	7,050	6,933	1,009.20
18	2001	117	7,050	6,933	894.68
19	2002	117	7,050	6,933	793.15
20	2003	117	7,050	6,933	703.15
21	2004	117	7,050	6,933	623.36
22	2005	117	7,050	6,933	552.62
23	2006	117	7,050	6,933	489.92
24	2007	117	7,050	6,933	434.32
25	2008	117	7,050	6,933	385.04

117.51

表 7-4(7) ケーススタデー

No.8 case
 Cost 10% higher
 Benefit 10% lower
 Project life 20 years

(Unit: 10⁶ ¥)

	Year	Cost (1)	Benefit (2)	(2) - (1)	Net present value discount rate = 11.7%
1	1984	989		-989	-989
2	1985	12,288		-12,288	11,000.9
3	1986	20,039		-20,039	-16,060.89
4	1987	7,603		-7,603	-5,455.39
5	1988	117	4,935	4,818	3,094.95
6	1989	117	6,341	6,224	3,579.35
7	1990	117	7,050	6,933	3,569.46
8	1991	117	7,050	6,933	3,195.57
9	1992	117	7,050	6,933	2,860.85
10	1993	117	7,050	6,933	2,561.19
11	1994	117	7,050	6,933	2,292.92
12	1995	117	7,050	6,933	2,052.75
13	1996	117	7,050	6,933	1,837.74
14	1997	117	7,050	6,933	1,645.24
15	1998	117	7,050	6,933	1,472.91
16	1999	117	7,050	6,933	1,318.63
17	2000	117	7,050	6,933	1,180.51
18	2001	117	7,050	6,933	1,056.86
19	2002	117	7,050	6,933	946.16
20	2003	117	7,050	6,933	847.05
21	2004				
22	2005				
23	2006				
24	2007				
25	2008				

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マスタープラン建設費内訳

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表 8-1 工業コンプレックス (マスタープラン)

Item	Unit	Quantity	Unit Price (B)	Amount (Thousand B)			Total Amount (Thousand US\$)	Remarks
				Total	Local Currency	Foreign Currency		
1. Land Acquisition	ha	1,159.4	312,500	362,310	362,310	0		
2. Site Preparation				(2,359,950)	(1,260,270)	(1,099,680)		
Preparatory Work	ha	1,159.4	20,000	23,190	20,870	2,320		
Earth Work	m ³	8,150,000	20 30	244,500	195,600	48,900		
Revetment	m	6,210		591,200	298,210	292,990		
Quaywall	m	3,505	252,000	883,260	441,630	441,630		
Dredging	m ³	9,900,000	46	455,400	182,160	273,240		
Reclamation	m ³	40,600,000	4	162,400	121,800	40,600		
3. Road	m	23,950		99,060	62,770	36,290	Inc	
4. Water Supply				(1,057,850)	(391,940)	(665,910)	Including Bridges	
Industrial Water Supply	Ls	1		993,180	349,330	643,850		
Service Water Supply	Ls	1		64,670	42,610	22,060		
5. Drainage				(46,610)	(34,960)	(11,650)		
River Improvement	Ls	1		11,040	8,280	2,760		
Watercourse	Ls	1		35,570	26,680	8,890		
6. Power Supply				(593,070)	(301,210)	(291,860)		
High-tension/Substation	Ls	1		573,640	285,670	287,970		
Street Lighting	Ls	1		19,430	15,540	3,890		
Sub-total				4,518,850	2,413,460	2,105,390	196,470	
Investigation & Engineering	Ls	1		237,500	95,000	142,500		
Physical Contingency	Ls	1		415,650	205,140	210,510		
Total				5,172,000	2,713,600	2,458,400	224,870	
					(52.5%)	(47.5%)		

表 8-2 港湾区域 (マスタープラン)

Item	Unit	Quantity	Unit Price (¥)	Amount (Thousand ¥)			Total Amount (Thousand US\$)	Remarks
				Total	Local Currency	Foreign Currency		
1. Land Acquisition	ha	35.8	312,500	11,190	11,190	0		
2. Site Preparation				(7,780)	(6,300)	(1,480)		
Preparatory Work	ha	35.8	20,000	720	650	70		
Earth Work	m ³	353,000	20	7,060	5,650	1,410		
3. Port Facilities				(3,984,960)	(2,000,020)	(1,984,940)		
Dredging	m ³	34,400,000	46	1,582,400	632,960	949,440		
Reclamation	m ³	3,700,000	4	14,80	11,100	3,700		
Breakwater	m	3,000		643,530	321,760	321,770		
Revetment	m	2,500		288,920	149,030	139,890		
Training Jetty	m	1,700		100,800	57,460	43,340		
Quaywall	m	1,750		420,500	210,250	210,250		
Wharf	m	330	861,000	284,130	113,650	170,480		
Navigation Aids	Ls	1		14,000	11,540	6,220		
Road	m	6,305		17,760	11,540	6,220		
Pavement	m ¹	301,280		123,140	80,040	43,100		
Buildings	m ²	74,600		414,600	352,410	62,190		
Water Supply	Ls	1		9,340	5,950	3,390		
Drainage	Ls	1		8,510	6,380	2,130		
Sewerage	Ls	1		12,420	7,620	4,800		
Power Supply	Ls	1		47,170	36,120	11,050		
Park & Green	m ²	60,000	49	2,940	2,350	590		
4. Cargo Handling Equipments	* Ls	1		* 610,900	106,450	504,450		
5. Tug Boats etc.	** Ls	1		**168,500	0	168,500		
Sut-total				4,783,330	2,123,960	2,659,370	207,970	
Investigation & Engineering	Ls	1		214,740	85,880	128,860		
Physical Contingency	Ls	1		399,330	200,660	198,670		
Total				5,397,400 (44.7%)	2,410,500 (44.7%)	2,986,900 (55.3%)	234,670	

* この費用は下記荷役機械の購入から運搬据付までの費用である。

シップロダー	1,250 t/h × 1 台
スタッカーリクレーマー	1,250 t/h × 2 台
バケットエレベーター	1,250 t/h × 4 台
ベルトコンベヤー	3,300m
モバイルクレーン	40 t × 12 台
フォークリフト	15 台
ベイローダー	8 台

** この費用は下記船舶の購入費用である。

ダグポート	3,000 PS × 2 隻, 2,000 PS × 3 隻
パイロットポート	3 隻

表 8-3 都市区域 (マスタープラン)

Item	Unit	Quantity	Unit Price (฿)	Amount (Thousand ฿)			Total Amount (Thousand US\$)	Remarks
				Total	Local Currency	Foreign Currency		
1. Land Acquisition	ha	601.3	312,500	187,910	187,910	0	Including bridges	
2. Site Preparation				(87,560)	(71,220)	(16,340)		
Preparatory Work	ha	582	20,000	11,640	10,480	1,160		
Earth Work	m ³	3,796,000	20	75,920	60,740	15,180		
3. Road	m	141,290		298,970	193,390	105,580		
4. Water Supply	Ls	1		266,230	161,370	104,860		
5. Drainage	Ls	1		205,100	153,830	51,270		
6. Sewerage	Ls	1		224,110	130,600	93,510		
7. Solid Waste Disposal	Ls	1		31,720	22,200	9,520		
8. Power Supply				(225,100)	(157,920)	(67,180)		
High-tension/Substation	Ls	1		82,410	39,030	43,380		
Transmission Line	Ls	1		142,690	118,890	23,800		
9. Pedestrian Way	m	8,880	1,600	14,210	11,370	2,840		
10. Park	m ²	630,000	49	30,870	24,700	6,170		
11. Mall	m	3,320	2,700	8,960	7,170	1,790		
Sub-total				1,580,740	1,121,680	459,060	68,730	
Investigation/Engineering	Ls	1		104,250	41,700	62,550		
Physical Contingency	Ls	1		139,310	93,420	45,890		
Total	Ls	1		1,824,300	1,256,800 (68.9%)	567,500 (31.1%)	79,320	

* 開発土地販売単価

販売可能面積 355 ha

開発土地販売単価は次のようになる。

$$1,824,300,000 \text{ Baht} \div 355 \text{ ha} = 5,139,000 \text{ Baht/ha}$$

$$(82,200 \text{ Baht/Rai})$$

表 8-4 鉄 道 (マスタープラン)

Item	Unit	Quantity	Unit Price (¥)	Amount (Thousand ¥)			Total Amount (Thousand US\$)	Remarks
				Total	Local Currency	Foreign Currency		
1. Land Acquisition		(131.8 ha)		(38,630)	(38,630)	(0)		
Within Promalgated Area	ha	83.8	312,500	26,193	26,193	0		
Outside Promalgated Area	ha	48.0		12,437	12,437	0		
2. Truch Line				(171,450)	(107,400)	(64,050)		
(1) Truck Structure	km	24.7		84,530	64,480	20,050		
(2) Truck Work	km	24.7		61,420	28,890	32,530		
(3) Bridges	Unit	11		25,500	14,030	11,470		
3. Marshaling Yard	Ls	1		21,570	12,420	9,150		
4. Communication/ Signaling	Ls	1		20,000	18,000	2,000		
5. Lighting Facilities	Ls	1		5,730	3,130	2,200		
6. Maintenance Office	Unit	1	2,900,000	5,800	4,930	870		
7. Station	Unit	1	4,800,000	4,800	4,080	720		
Sub-total				267,980	188,990	78,990	11,650	
Investigation/Engineering				28,860	11,500	17,360		
Physical Contingency				40,160	28,310	11,850		
Total				337,000	228,800 (67.9%)	108,200 (32.1%)	14,650	

表 8-5 バイパスおよび連絡道路 (マスタープラン)

Item	Unit	Quantity	Unit Price (¥)	Amount (Thousand ¥)			Total Amount (Thousand US\$)	Remarks	
				Total	Local Currency	Foreign Currency			
1. By-Pass									
(1) Within Promulgated Area									
Land Acquisition	ha	269	312,500	84,070	84,070	0			
Road Construction	m	20,000	15,900	318,000	206,700	111,300			
Lighting	Ls	1		31,140	24,910	6,230			
Sub-total				433,210	315,680	117,530			
Investigation/Engineering				34,910	13,960	20,950			
Physical Contingency				34,980	23,260	11,720			
Total				503,100	352,900	150,200		21,880	
(2) Connect with Route-3									
Land Acquisition	ha	180	187,500	33,750	33,750	0			
Road Construction	m	18,000	17,800	320,400	208,260	112,140			
Lighting	Ls			28,030	22,420	5,610			
Sub-total				382,180	264,430	117,750			
Investigation/Engineering				34,820	13,930	20,890			
Physical Contingency				52,300	34,640	17,660			
Total				469,300	313,000	156,300	20,400		
2. Connective Road									
Land Acquisition	ha	16.8	312,500	5,250	5,250	0	Connect with Ban Chang		
Road Construction	m	5,600	6,100	34,160	22,200	11,960			
Lighting	Ls	1		5,800	4,640	1,160			
Sub-total				45,210	32,090	13,120			
Investigation/Engineering				2,290	920	1,370			
Physical Contingency				4,000	2,690	1,310			
Total				51,500	35,700	15,800		2,240	
Grand-total				1,023,900	701,600 (68.5%)	322,900 (31.5%)	44,520		

表 8-6 通 信 (マスタープラン)

Item	Unit	Quantity	Unit Price (B)	Amount (Thousand B)			Total Amount (Thousand US\$)	Remarks
				Total	Local Currency	Foreign Currency		
1. Telephone System	Ls	1		158,630	22,210	136,420		
2. Telex Telegraph	Ls	1		15,160	14,550	610		
3. Local Cable System	Ls	1		39,240	39,240	0		
4. P.C.M. Cable System	Ls	1		105,670	0	105,670		
Total				318,700	76,000	242,700	13,860	

表 8-7 住宅および公共施設 (マスタープラン)

Item	Unit	Quantity	Unit Price (B)	Amount (Thousand B)			Total Amount (Thousand US\$)	Remarks
				Total	Local Currency	Foreign Currency		
1. Housing				(2,868,200)	(2,868,200)	(0)		
Detached House	Unit	1,730	600,000	1,038,000	1,038,000			
Semi-Detached House	Unit	3,470	350,000	1,214,500	1,214,500			
Town House	Unit	6,940	55,000	381,700	318,700			
Flat (Low House)	Unit	5,200	45,000	234,000	234,000			
2. Education Facilities				(240,730)	(204,620)	(36,110)		
Secondary School	Unit	3	30,000,000	90,000	76,500	13,500		
Primary School	Unit	4.25	18,900,000	80,330	68,280	12,050		
Kindergarden	Unit	16	4,400,000	70,400	59,840	10,560		
3. Community Facilities				(2,535,000)	(2,154,750)	(380,250)		
Town Center	m ²	270,000	8,000	2,160,000	1,836,000	324,000		
Local Center	m ²	75,000	5,000	375,000	318,750	56,250		
Sub-total				5,643,930	5,227,570	416,360	245,390	
Investigation/Engineering	Ls	1		282,200	112,880	169,320		
Physical Contingency	Ls	1		395,070	365,950	29,120		
Total				6,321,200 (90.3%)	5,706,400 (9.7%)	614,800	274,830	

表 8 - 8 浄水場施設建設費 (短期開発計画)

Item	Unit	Quantity	Unit Price (¥)	Amount (thousand ¥)			Remarks
				Total	Local Currency	Foreign Currency	
1. Civil & Architectural Works	Ls	1		17,680	8,840	8,840	
2. Equipments	Ls	1		17,670	8,840	8,830	
Total				35,350	17,680	17,670	
* Allotment of Construction Cost of Purification Plant							
a) Industrial Complex	%	10.9		3,870	1,940	1,930	
b) Port Area	%	6.7		2,380	1,190	1,190	
c) Urban Area	%	82.4		29,100	14,550	14,550	

表 8 - 9 給電施設建設費 (短期開発計画)

Item	Unit	Quantity	Unit Price (¥)	Amount (thousand ¥)			Remarks
				Total	Local Currency	Foreign Currency	
High-tension Line & Substation							
1. High-tension Line	km	6	1,500,000	9,000	9,000	0	115KV; 3km x 2
2. Substation				(215,000)	(100,000)	(115,000)	
Equipments	feeder	24		115,000	0	115,000	
Construction Work	Ls	1		100,000	100,000	0	
Total				224,000	109,000	115,000	
* Allotment of Construction Cost of Electric Facilities							
a) Industrial Complex	%	86.6		193,980	94,390	99,590	
b) Port Area	%	1.0		2,250	1,100	1,150	
c) Urban Area	%	12.0		26,900	13,100	13,800	
d) Railway	%	0.4		870	410	460	

補遺9 港湾区域

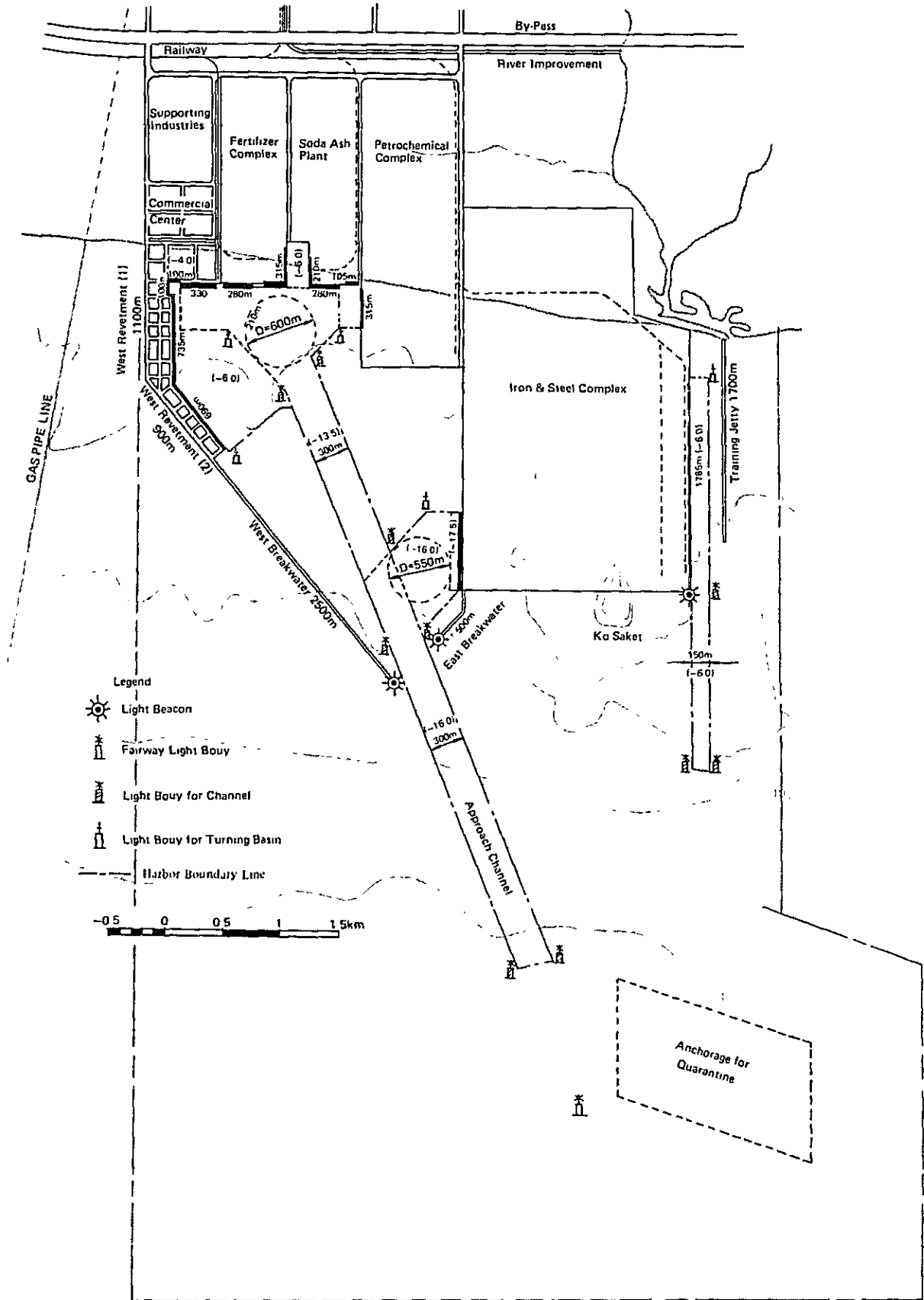


図9-1 港域区域(マスタープラン)

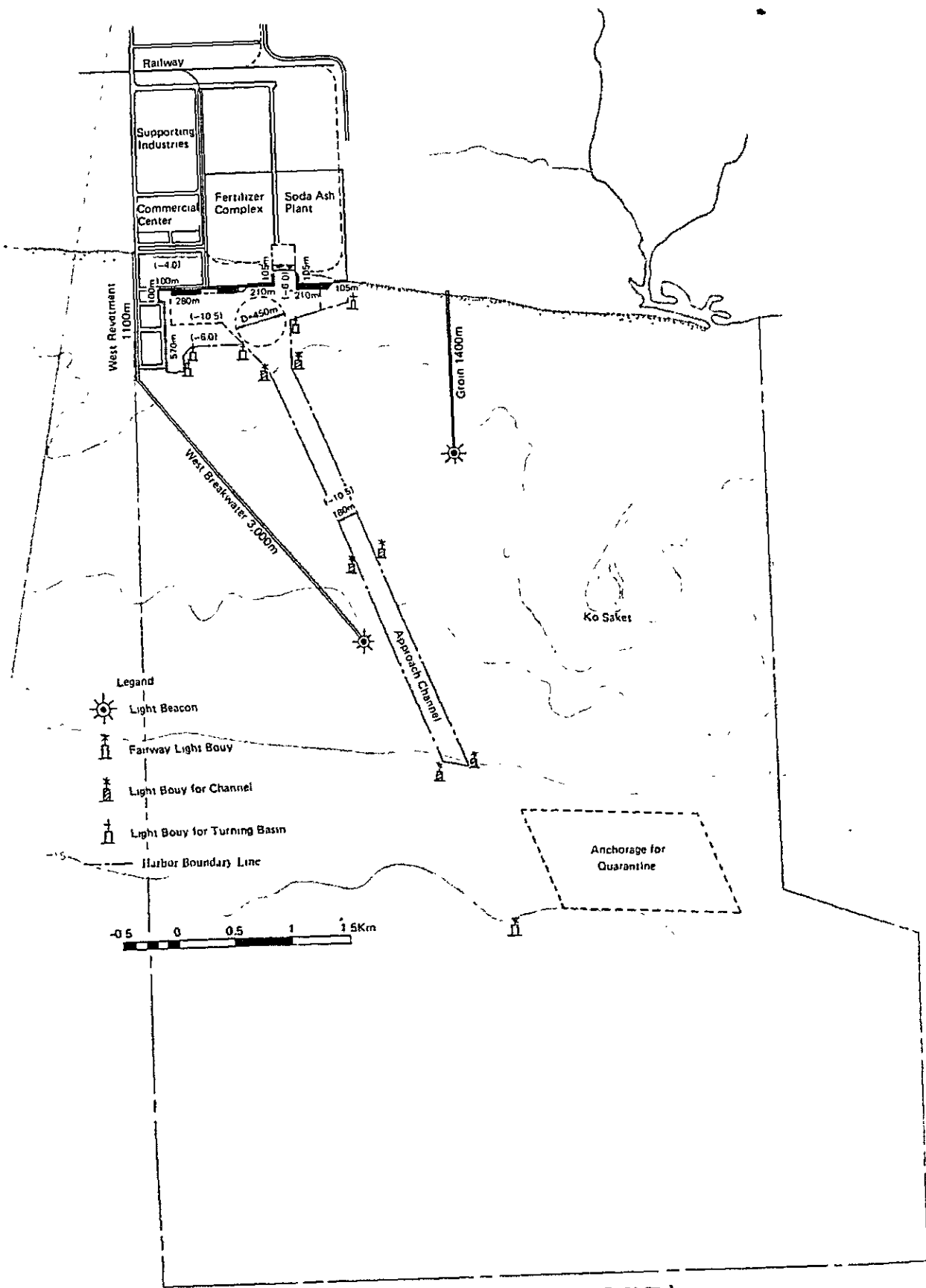


图 9 - 2 港湾区域 (短期開発計画)

JICA