					Required	Sed obse	S or In	e each	Exchan	Space of the each Exchange Office in the BMA (Area 4	e in th	e BMA	(Area -	1 2/2						
<u>=</u>	Opening Line		1992 year	Demand	Expansion	Space	8	Shortage Denand	Demand	Expunsion	Required	Required Shorts pe Demand	Demond	Parameter to the	1	Γ			į	
Name	Year	Capacity	Subscriber	1,997	1,997 Cpacity	Required 5	Required Remained Space	pace	ε		Space	Space	ξ	2 007 Capacita			Edperation Capacity	Neguired	Required Shortage XB	X X
Ç K	1984	16,192	16,259	40,719			-	Ī	13.393		i		200.0		and of	1007+7007	202+200/	Space	Space	Space
	1002	20,288					<del> -</del>	Ī					0.000		1	77				
	TOTAL	20,288			42,047	981	801	.78		11.310	3	¥0.		2000	- 1	0		$\perp$		
NTB-1	1979	3300	12,187	34,125			-		51 324				000 33	8,207	8	0	19,526	119	62	
NTB-2	1992	16,384									I		575,50		1	116,732				
	TOTAL	19,684			47,162	íã	129	ŧ,		\$5 QK0	15.	9		1000	1	0				
NWW-1	1969	\$,300	29,165	38,752		l		t	26.430	20,200		S		85,59	200	0	122,358	186	113	299
NWW-2	<u>5</u>	26,591					I	T					18,2/4		1	45,006		ات		
	total	31,891					-	T						•	1	Ö				
	TOTAL	31,891			46.599	2002	164	35		000.50	130	270				6			İ	
ž	1987	16.288	15.896	40.571		1		1	20 616	607.07	130	0/7		18,574			41,863	188	222	408
	total					<u> </u>	+	Ħ	Cloid				14,649		1	38,264				
	TOTAL	18 336			47.577	Ş	1	t	1							0				
La	8	00.0				<b>\$</b>	717			20.029	82	8		14,649	20	0	34,678	164	1917	
		269	ş.'.	085.67		1	1	+	15,459		7		8,120			23,579				
	i i					1	1					-				0				Ī
	TOTAL	12,288			30,132	150	140	<u>3</u>		12.523	86	865		8.120	2	† <del>-</del>	20.643	13		
<u> 2</u>	380	8,192	5,615	8,086		-	-		4.586			T	2 835		5	2 5	20,043			
5 5	total					-	-	Ħ				T			†	0,44.0				2
	TOTAL	15,360			27.	19	128	65		4 286	73	-		200	í	5 (				
TYB	1990	5,120	2,489	26,089					37.207	North L	2		000 0 000	C58,5	7/	5 1	8,121	ğ	3	
	total										T		0/1:47		1	C90 T0				
	TOTAL	6,400	To see to		1,50,5	171	174	2		1	1				1	1				
NWN		5,000	3.197	9 768		1	+	†	1363	7,11,2				24.4/8	2	0	56,593	23	83	
	TOTAL	S.000			10,001	8	145	Ş	71.7	Î.	Ī		4,033			9.315				
8AN	8	5 23	2,33	15.		1		1		0//*	*			4,053	7.7	Ċ	8,831	88	8	
	1	200.3		37.1		1	+	†	4,513				3,651			7.96	-			
		77.70	_		3,437	3	1	1		4,048	72	R C		3,651	71	o	7,699	83	-83	
Arca total		4.20,4.20	319,144	701.780	769.221	+	1	-1.78 20.13	443,803	384,759	7,73	826	301,202	299,195	1,978	745,005	683,954	2,112	-902	3.765
TOTA					1	+	+									8			1.1	
2		1536,456 1,212,241 2,355,551	12221	2,355,551	2,600,497		1	-5,081	1,480,453	1,305,420	7396	-2.553	1,018,475	1,014,461	6.470	2,498,928	2,319,881	7,020	-3,351	15,102
1.77. 19.1													1						ì	

This mark is shown shortage space(squire mater) in the swiching room

13-8 Required Space(7/8)

Required Space of each Exchange Office in the Surrounding Area (Provincial 6)

EVCTERATION	3,000	, 1000000																			
	3	SISIEM	e de la	2	NO.of Sub Demand	9 2	d Expansion Regulated		. Fl	<u></u>		1SiOn	Required Short	2		1sion Expa	Expansion Expansion Lines Required shortage Demand	Required	shortage		Demand
NAKHON PATHOM		PC-1000C	1970	3000		4	Τ	2	Space Space	_	2002 Year Lines	Space	Space	一	2007 Yead Lines	Т	2002+2007 Year Space		Space 2	2002 Year 2007 Year	2007 Year
	-	MSU NEAX 61	1984	9188					-	L	-	+	1	+	+	+			1		
	_	MSU NEAX 61		1024					-	_	+	+	1	<u> </u>	-	+		1	1		
	TOT/	TOTAL LU.		12840	11,413	43,153	50,454	112	801	202	21.820 2	22.754	128	1	24 156 24	24 156	46.010	1		į	
SAM PHRAN		ARF-102	1975	1000			†		_	L	1					2	40,710	1	3	675,543	89,129
	-	MOBILE NEAX 6	1985	0				-	-	-	-		1	-	1	$\frac{1}{1}$		1	1	1	
	A	MSU NEAX LSI		4096					-		+	+	-	-	+	+		+	1		
	Total LU.	LU.		\$0%	2,390	16,729	16,886	E	0		7,158 6	6.528	08	200	5 583 5	5 582	12 111	1		15	
NAKHON CHAISI 7201 RSU NEAX 61	7201 R	SUNEAX 61	1985	1000				-	-		İ				1.		12,1,2	Ř		8:3	23.4.73
	7201 R	RSU NEAX 61		1000					-	<u> </u>	-	-	+	-	$\frac{1}{1}$	+		†	+	+	
	Total LU.	t.u.		2000	1,137	13,510	17,150	E	0		11.258 11	11.772	36	1,	12 544 12 544	44	24 216	300.		100	10
KAMPHAENG SAE 7201 RSU NEAX 61	7201	SU NEAX 61	1985	1000	618	5,445	7,653	ß	0	8	1	8 182	7 26		1	34.	10,000	0 CC1		80	37,512
, ,	7201 R	RSU NEAX 61		1024	\$	4,080	4.921	15			1	5 500	1	1	. 1	7 0	126.01	2	à	11 919	22,68
	7201 R	7201 RSU NEAX 61		1000	23	1,952	1.880	9	ō		1	2806	, ,	,	$\perp$	2,571	12,787	38	*	8,619	15,807
DUA	7201 R	RLU NEAX 61		256				+	-				•		2,072		7,44	5	5	4,215	7,886
HUAI PHLU	7201 R	RSU NEAX 61		512				H	+	+	+	1	+	-	1	1		1		+	
	7201 R	RSU NEAX 61		512				+	1		+	+	-	+	+	-	1	1	-	+	
	7201 R	RSU NEAX 61		512			<del> </del>	+	$\perp$		+	-	+	-	1	+		1	+	+	
CHINDA	7201 R	7201 RSUNEAX 61		512			T	-	+	-	+	1	$\frac{1}{1}$	-		+		+	-	$\dagger$	
TOTAL		,		25264	15,630	84,869	98,944	477		360 53	53 512 57	57 660	252	250 63 887	700 67 170		101 640		1		100
										L	1	Т					121,249	E	55	545 138,381 2	202,268
SAMUT SAKHON	*	ARF-102	1960	2000				-	L	+	-		-	-	-			-	+	-	I
	2.	MSU AXE.10	1985	5120				$\mid$			$\perp$	$\frac{1}{1}$	1	-	-	1	+	+	+	+	T
	2	MSU AXE-10	1	1024	==			-	-		<del> </del> <del> </del> -	-	+	+	1	1	1	+	+	+	T
-	Total L.U.	LU.		8144	7.601	57,411	65,707	75.7	192	22	22 008	22 340	2000		202 00	1	320 37	-	-	-	
KRATHUN BAEN	2	MOBILE NEAX 6	1983	1000		-	-	-		L	1	1		27,47	- 1	3	0/0,04			60X'6/	102,235
	7301	RSU AXE-10		2048				-		+	+	$\frac{1}{1}$	+		+	_	+	+	+	+	
	Total LU.	L U.		3048	1,188	18,201	18,738	116	0	91	2 000	5 223	1.5	- 1	077 2 07		000	200	$\perp$		1
BAN PHAEO	2	MOBILE NEAX 6	1884	٥	1,387	12,567	16,174	105		L	L					2 2	286,11	X.		24.124	29.763
	20. X	7301 RSU AXE-10		2048			-	-						7897	_L		035,11	35	8	18,118	24,015
	7301 R	RSU AXE 10	Г	1024			<del> </del>	-		-	1	-	+	+	+	1	+	+	+	+	7
TOTAL		-		14264	10,176	88,179	100,620	482	12	290 33,642	42 33,862	862 162	2 .162	2 34,192	2 34.192		68 054	264	121 236.		56.013
	— F	, i	T	- 000	, ,			$\left  \cdot \right $		1_1	1 1	L		1	1		. i	5		170	2
	2	IOIALLU.	٦	39528	25,806 173,04	173,0481	18 199,564	929	659- 0	87,154	54 91,524	524 515	5 -515	5 98,079	9 98,079		189,603	500	809 260	809 260,202 358,281	8,281

This mark is shown shortage space (squire mater) in the switching room

13-8 Required Space(8/8)

Required Space of each Exchange Office in the Surrounding Area (Provincial 9)

	Shotage	Space	7	**	6	į.	ľ			•		*	•	87	T	9		•	<u> </u>	4	•	N	Ī				E			-135
	8		4	22	12	=	-		2 :	57		4	7	00	4	,	1	3	5	4	7	22				-			_	135
- 5		2002+2007 Space	1,488	7,928	4,148	3,698	2 420	3 260	4 262	1		1361	2,377	2,612	1,458	188	2 1 2 5	2,13	8	1369	2,335	785					•	-		45,140
	rion		797	3,915	2,125	1,802	1.281	1 683	1305		: 1	/64	1.293	1,475	838	442	1 725	2 6		2	1,333	382	1	+	1					23,892
- 1	roomred Shotage Demand	2007 Year Lines	767	3915	2,125	1,802	1281	82	182			ğ	1.293	1,475	838	442	1.725	2	*	2	1,333	382	+	1	+	1		1		23,892
F	3		7	a	8	۴	6	8	1	t					*	7		•					7	1	1	1	7	1		\$
Š	2	Space	3	2	9	4	3	Š	13	-	-	3 7	2	-	2	···	7	•		+	-	-	+	+	+	+	+	+	-	8
Г	Times Co.	401	160	CIO,	2,023	1,896	1,139	1,686	1,957		507	1001	1,004	,:;- 	620	347	1.400	670	7.5	0 0	7007	5		1	+	1	1	1		21.248
Demond le		7 200		2/3	1,935	1,959	1,044	1,688	1,723	-	704	ĝ,	1 3	215	23	23.4	1.177	513	2 2			41			+	1	+	+	Į	19,486
Shotner	Space	ř	1		8	¥	8	ř,	68	Ī			7 3			7	17	77						T	†	†	1	†		400
cmain	Space	10	3	ľ	5		٥	Ö	0	Ī	٦	1	5 6	3	•	8	0	ô	6	9	3 6	3	1	t	-	$\dagger$	1	1		144
Required Remain Shotses	Space	18	ž	3 8	3	3	8	28	13	-	t	V	3 4	5 7	7	7	-	F	۲۰	+	+	1	$\dagger$	+	$\dagger$	$\dagger$	1	$\dagger$	i	244
Expansion		180	15.044	6 701	1,17		4,708	5,845	4,294	_	1.169	1943	840	72.	\$ 20	Ž	2,297	886	058	1 443	7,40		†	1		$\dagger$	$\dagger$	1		057.10
_	1997 Year Lines	4915	14 777	103	1 8	3	2,818	5,233	3,855	-	888	2069	1,610	30	3	8	2,298	8	95 158	153	E		-		†	†	1	†	<b>_£</b> .	27,132
NO.of Sub Demend	1992 Year 1	¥.	3.761	1 085	,	3	252	937	77.4	-	8	830	377	ğ	ON,	2	252	115	115	234	177							†		700071
	Capacity 15	1,426	5.18	1000	\$		3	98.	1,024	1,024	256	1,024	512	c:S	717	ec	3	128	128	256	512	128	256	1,024	2048	100	┝	2048	2 6	200
Open Line	Year	0961	2861	1979	0.01	٤	†	<u>.</u>	1985	1986		F	F	f	t	†	7		-		+	-	+	-	-	+	100	t	3	-
SYSTEM	-	PC-1000C	MSU AXE-10	ARF-102				5	+	6802 RSU AXE-10	6802 RSU AXE-10	6802 RSU AXE-10	6802 RSU AXE-10	6802 RSU AXE-10	5807 PC! ANE 10	21-7-10-10-10-10-10-10-10-10-10-10-10-10-10-	SOUL XSU AXE-10	6802 RLU AXE-10	6802 RLU AXE-10	6802 RSU AXE-10	6802 RSU AXE-10	5802 RLU AXE.10	SU AXE-10	U AXE-10	6802 RSU AXE-10	6802 RSU.AXE-10	6802 RSU AXF-10	T	TOTALIT	
ност		<u></u>		È		1	T		2020	8802 N	802 R	S802 R	2083	S02 R	a cus	1	×	g g	802 R	302 R	302 R	802	25	200	802	302 75	202	<del> </del> Ĕ	٥	
EXCHANGE		AYUTTHAYA 1	AYUTTHAYA 2	BANG PA-IN	WANGNOI	PHACHI	THA DITA		Т	HAKACHA	BANGSAI	PHAK HAI	BANGBAN	LAT BUA LUANG	MAHARAT	0.841	2	EK	BANGSYE	UTHAI	BANG PAHAN	HUA WIANG	SUN SINLAPACHIP BAN 6802 RSU AXE-10	ROTCHANA INDUSTRIA 6802 RSU AXE-10	KRUNG SI VILLA	BAN LEN	ANG THONG			

This mark is shown shortage space (squire mater) in the switching room

#### **ANNEX**

CHAPTER 14 OPERATION AND MAINTENANCE PLAN

### 14-1 Manpower Policy Guideline

ITEMS	1992	1993	1994	1995	1996	1997
The Number of Subscribers	1,250,551	1,747,551	2,244,551	2,741,551	3,238,551	3,736,431
The Annual Increase Number of Subscribers		497,000	497,000	497,000	497,000	497,880
Manpower Policy Guideline	10,190	12,714	14,580	15,901	16,771	17,276
Subscribers per Manpower (Efficiency)	123	137	154	172	193	216
MEI Increase Rate		1.12	1.12	1.12	1.12	1.12

ITEMS	1998	1999	2000	2001	2002
The Number of Subscribers	4,064,431	4,392,431	4,720,431	5,048,431	5,377,065
The Annual Increase Number of Subscribers	328,000	328,000	328,000	328,000	328,634
Manpower Policy Guideline	17,400	17,412	17,326	17,157	16,920
Subscribers per Manpower (Efficiency)	234	252	272	294	318
MEI Increase Rate	1.08	1.08	1.08	1.08	1.08

ITEMS	2003	2004	2005	2006	2007	'07 / '92
The Number of Subscribers	5,604,065	5,831,065	6,058,065	6,285,065	6,513,494	5.21
The Annual Increase Number of Subscribers	227,000	227,000	227,000	227,000	228,429	
Manpower Policy Guideline	16,179	15,444	14,720	14,011	13,321	1.31
Subscribers per Manpower (Efficiency)	346	378	412	449	489	3.98
MEI Increase Rate	1.09	1.09	1.09	1.09	1.09	

14-2 Comparison of the Rates between the Whole Countries and Metropolitan Areas

JAN	Year	1962	1963	1964	1965	1966	1961	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	
	)) Ratio		1.10	1.12	1.13	1.14	1.15	1.12	1.12	1.13	1.13	13	1.12	1.11	1.08	3.	1.02	1.03	1.03	1.03	\$	1.03	1.03	1.03	1.05	1.05	1.05	1.08
	) Eff. (20	23	25	78	32	38	41	4	25	\$	99	75	84	93	8	10 20 20	107	110	113	1117	121	125	129	132	138	146	153	
an)	mp. (19	210	218	226	234	242	250	260	270	280	290	300	305	310	316	323	328	332	334	335	333	333	330	324	321	311	305	
(Japan	1c. (18) E																										ĺ	
	b. (17) In	ŀ																					۱.			1	22 1,422	
	(16) Sub.		<u>L.</u>							_			L.					ļ					ļ				46,722	
	15) Ratic		1.08	1.14	1.11	1:10	1.10	1.10	1.07	-1	1.08	80.7	1.07	1.05	1.05	9.	1.03	1.0	20.	1.0	9. 2.	1.05	1.0	2.	Free	1.07	1.08	1.07
	14) Eff. (	36	42	<del>4</del>	\$	59	8	71	77	85	8	ጵ	103	108	113	118	121	125	33	134	139	146	154	163	161	505	220	
Tokyo Area)	3) Errp. (	25.40	26.70	27.40	28.20	28.90	29.25	29.40	29.73	35.22	36.01	36.73	36.94	37.48	37.83	37.98	37.89	37.92	37.89	37.90	37.76	37.25	31.8	36.71	32.21	31.41	30.53	
(Tok	2) Inc. (13		146	194	193	192	193	195	175	718	757	275	27.5	237	225	ଟ୍ଟ	136	153	166	170	172	195	247	288	8	284	289	
	Sub. (1;	987	1,133	1,327	1,520	1,712	1,905	2,100	2,275	2,993	3,250	3,525	3,800	4,037	4,262	4,463	599	4,752	4,918	5,088	5,260	5,455	5,702	2,990	6,150	6,434	6,723	
-	Ratio(11)						1.10						_				-	_				-	-				_	1.08
	9		)			•	•																				-	7
<del>Q</del>	(6)·						52					i															i	
(Thailand	Inc. (8) Emp	~		_	<b>,</b>	F-4	F4	_		F-4	r-4																*	1
	E	-					2 103																				i	
	qnS (9)	_					902					i																
	Eff. (5) Ratio (6) Sub		1.8	0.92	0.92	.3	1.23	1.23	7.14	1.12	1.12	1.06					;										 	1.08
-	€	53	53	Α. Φ	45	4	9	74	8	95	28	112					!					,					-	
(Study Area	(3) Emp.	5.73	6.81	7.91	8.69	8.93	9.11	9.22	9.37	9.65	9.70	13.00									-	i . i				•		
S	(2) Inc.	1										438	465	<b>8</b>	<del>2</del>	460	460	329	310	310	310	310	ঠ	22	220	219	221	
	(1) Sub.	ğ	331	353	422	535	8	672	778	886	1,021	1,459	1,924	2,384	2,844	3,304	3,764	4,093	4,403	4,713	5,023	5,333	5,583	5,803	6,023	6,242	6,463	
		-15	-14	-13	-12	-	01-	o,	φ		φ	ιĊ	4	ņ	ņ	7	0	ľ	~	m	4	w	0	<u></u>	∞	<u></u>	10	
Thai	Year	1982	1983	1984	1985	1986	1987	1988	1989	1990	1661	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	88	2005	2006	2007	Average

# 14-3 The Actual Number of Transmission Employees (FY1991)

Area	Work	Location	Employee
BMA	O & M	Krungkasem	21
		Plrakhanong	14
		Lat ya	16
		Lak si	17
		Phahoyothin	11
	Outside Plant		20
	Leased Circuit	]	8
	Administration	]	8
	Management & Planning		16
Sub Total (BMA)	4	1	131
		Ayutthaya	8
	}	Nakhon Pathom	8
		Samut Säkhon	7
Study Area Total			154
Headquarters			10
Other Area	O&M	}	125
	Management & Planning		16
Other Area Total			151
TOT Total			305

14.4 The Actual Number of Employees and the First Standard Number of Employees in Switching Maintenance Area 1 (1/5)

	_].					0661	ا						ž	1961			-			1992		ļ	į
	1	dil ad	The Line Capacity			The Actual	4		The Standard	fand		The Line Capacity	pacity		The S	The Standard		The Line Capacity	pacity		Å	The Standard	
Type Area Exchange Name	-	Cape RSU	2Xcapa	2)Capa, 3)=1)+2]4)Mainte, 5)Tost, 6)Others 7)=4+5+	fainte. S)T.	ss s)Other	× 7)=4+5+6	Mainte	Test Others	era Total	1)Capa.	RSU 2).	2).Capt. 3)=1)-	3)=1)+2) Maigne.	Test	Others Total	1)Cape	RSU	2) Capa 3)=1)+2)	+2) Maine.	Ţ	Others Total	3
SPC 1 ASOK DIN DAENG	ENG	28480		28480	3	7	10	3.62	3.96	7.57	7 28480		1,	28480 3.62	2 3.96		7.57	28480	, · ·	23480 3,		3.8	7.57
X3 1 ASOK DEN DAENG	ENG	10000		10000	90	٠,	Ħ	624	3,72	96'6	3000	**	8	10000	3.72		3,96	00001	×	10000		3.72	956
CAMA 1 KRUNG KASEM	 			0	14	4.7	4	8,4		4.00	0			-6- -6-	۰	•	8			9	4.00		30.4
MIX 1 KRUNG KASEM	*	44000		44000	9		31	10,00		10.00	0 44000		4	44000 10.00	9	ä	4 00.01	44000	4	44000 10.	90'01		10.00
SPC 1 KRUNG KASEM	***	16384		15384				8	2.86	5.78	8 16384	<b>.</b>	16.	16384 2.92	2 2.86		5.78	16384	Ä	16384 2.	2.92 2	2.86	\$7.8
SPCT1 1 KRUNG KASEM	<u> </u>			6	۲			90.9		6.00	0			0 6.00	9	~	6.00			0	6.00		6.00
TC 1 KRUNG KASEM	 %			8	£4	4		8.00		1 7.00	-5			9.00	9		2.00			0	. 00 9	-	7,00
XB 1 KRUNG KASEM	 	10000		9000	۲~		8°	6.24	52	1 10.96	90001		ğ	10000 6.24	3.72		96 01	0000	<b>2.</b>	9 00001	624 3	3.72	10.96
XBT1 1 KRUNG KASEM				-5	'n		4r)	6.00		6.00	0			0.00	9	-	90.9			9	0079		6.00
SPC 1 PATHUM WAN		20240	1000	21240	€>	ৰ	•	320	3.31	6.51	1 20240		1000 212	21240 3.20	155 0		•••	100000	1000	21240 3.	3.20 3	3.31	6.51
XB 1 PATHUMWAN	<b>7</b> .	2384		5384	4	4	œ	4,32	2.81	7,13	3 5384	•	8	5384 4.32	12 2.81		7.13	5384		5384	4.32 2	2.81	7.13
SPC 1 PELON CHIT		30480	5920	36400	r>	-1		8,4	99'5	8.72	2 30483	ø	5920 364	36400 4.06	36.4.66		8.72	30480	\$920 3	35400		86.4	8.72
XX 1 PHLON CHIT		12000		12000			••	6.93	4.10	11.03	12000		12	2000 6.93	73 4.10		1.03	2000	***	2000	6.93	4.10	11.03
XB 1 PPLON CHIT		10000		10000	۰	٥	ĭ	8.24	3.72	96'6	10000		ŏ	10000	624 3:72		9.96	00001		10000		3.72	95.6
SPC 1 SAMRAN RAT		26640		25640	4	72	***	3.51	3.79	7.31	11 25640	6	58	26640 3.51	87.5		733	25640	. 73	26640 3	3.51. 3	3.79	731
XB 1 SAMRAN RAT	F-	10000		10000	•		1	624	3.72	1 10.96	10000		ğ	79 00001	624 3.72		98 01	0000	1	9 00001	624 3	3.72	10,96
XB 1. SAMRAN RAT		10000		10000	*0	9	, z	4,0	3.72	5 14.96	200001	٥	01	00001	624 3.72	V3	1 96 1	00001		9 00001	6.24	3.72 \$	14.96
XB 1 SAMRAN RAT		10000		10000	9		7	270	3.72	2 11.96	10000	ö	10	00001	624 3.72	. 7	11.98	10000		9 00001	6.24.	3.72 2	11.96
SPC 1 SAMSEN	-	6242		50.03	ra	(4	61	231	1.92	2 6.23	6242	6	ç		231 132	8	623	6242		6042	2.31	1.92	â
XB : SAMSEN		5800		2800	'n	벽	υ·	154	2.89	7,40	5800	.0	<^1	2800	451 239		7,40	5800		5800	451	2.89	347
SPC 1 SUKHUMWIT		41760		41760	· ea	ø	-	438	5.13	9.48	41760		4	41760 42	4.35 5.13		9,48	11760	4	41.760	4.35	5.13	876
CS3 1 SURAWONG				8	4	:	,	8.00		4.00	9			4	4.00		6.70			5	8		900
SPC 1 SURAWONG		25360	6 6144	31504	es.	4		3.79	žį.	8.01	25360	9	6144 31	31504 3.	3.79 4.23		3.01	25360 7	7168 3	32528 3	3.54	4.32	8.16
XB 1 SURAWONG		10000		00000	•0			6.24	3.72	96'6	10000	9	10	79 00001	624 3.72		9.3	10000		9 00001	624	3.72	9.96
XB 1 SURAWONG		10000		10000	₹	'n	9	2 624	3.72	3 12.96	10000	ò	10	79 0000	624 3.72	ra	32.96	00001		9 00001	5.24	3.72 3	12.96
XB 1 SURAWONG		10000	-	10000	۲			423	3.72	8.	200001	9	10	0000	624 3.72		96.6	10000		9 00001	624	3.72	966
XBT7 1 SURAWONG	<del>-</del>			o	<b>v</b> s		•	5 6.00		9.00	Ŕ			. vs	6.00		9			0	6,00		800
Parang & Administrator	TOTAL STATE OF			-			0	~~;~	÷	000	R					¥	34,00					¥	8,
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(2/5)14.4 The Actual Number of Employees and the First Standard Number of Employees in Switching Maintenance Area 2

	<b>-</b>					2861								166			1			2	1992			
-,		The Un	The Une Capacity		F	The Actual			The Standard	dard	1	The Line Capacit	NC:D	-	ě	The Stunderd	7	Ä.	he Line Capacity	,		er.	Standard	
No. Type An	Area Exchange Name	DCapa RSU	2)Capa 3/41/2	3)=1)+2 4)Maine, 5)Test 6)Others 7)=4+5+6	SYTOST 6	Others 7	_X[	niule. To	Test Others	vers Total	1X	RSU 2).Cap	(2+(1+(5 -14-5)	H2) Maine	t. Test	Others	Total	)Cape	RSU 2).Cap	2).Capa, 3)=1)+2)	Mainte.	Ţ	Others Total	Total
9 590	2 CHATYRPHRUK	20480	20480	9	3	-	10	3.16	3.24	1 7.3	20480		ន		3,16 3,24		7.39	20480		20480	3.1		4	138
۰ X	2 CHATYRPHING	13000	13000	9	•	4	15	725	428	4 15.53	3 13000	.مر	ü	13000 7;	7.25 4.28	4	15.53	13000		13000		5 4.28	35 4	15.53
10 SPC	2 BANG CHAN	13192	4 40% 17288	78	4		90	2.97	2:95	16.5	13192	٠,	5096 18	18288 3.	3.03 3.04		6.07	13192	\$ 5096	88288	3.03	3,04	*	6.07
11 SPC	2 BANG NA	15240	15240	2	,		vo	2.85	2.76	5.6	1 15240		15.	15240 2.	2,85 2,76	٠,	5.61	15240		15240		5 2.76	S	5.61
11 SPC	2 BANG NA	0		8			o					_		o				9216	7 9216	16 18432	30.5	4 3.05	:	6.09
£X ::	2 BANG NA	12000	12000	8	4		=	8.33	4.10	11.03	3 12000	_	ŭ	2000	6.93 4.10	_	11.03	12000		12000	6.93	3. 4.10		11.03
12 SPC	2 BANG PALL	12192	13 12816 25008	- PE	**		6	3.42	3.65	1 8.07	7 12192	18	17872 304	30064	3.70 4.10	1	8.81	12192	24 17872	30064	3,70	0 4.10		8.81
13 SPC	2 BUA MAK	20234	20234	-4	8		7	3.14	321	6.36		4	8192 283	28576 3.	3.62 3.97		7.59	20384	4 8192		3.62	2 3.97		7.59
2 X	2 HUA MAK	8000	8006	<b>8</b>	es es		1	5,46	3.33	8.79	6000	_	ã	8000	5.46 3.33	2	8.79	3000		0008	5.46	5 3.33	~	8.79
14 SPC	2 KHLONG TOEI	10000	10000	74	د، د		7	2.54	2.27	4.81			4	14096 2.	2.78 2.65		5,43	34096		14096		3 2.65	<b>1</b> 4	5.43
15 SPC	2 KHLONG CHAN	19240	7 80% 27336	36	3 5	14	10	3.55	3.86	2 9.41	15240	90	9096 287	28536 3.61		4	9.55	19240	13 20408	39648	4.23	4.95	7	11.18
15 SPC	2 KELLONG CHAN	0		5			o				11776		11.	11776 2.0	2,64 2,44		5.08	11776		11776	2.64	t 2.44	-4	80%
57 X	2 KHLONG CHAN	13000	13000	8	4	4	4.	7.25	4.28	4 15.53	3 13000	_	E.	72 00001	1.25 4.28	4	15.53	13000		13000	7.25	\$ 4.28	₹	15.53
16 SPC	2 LAT KRABANG	3280	1024 4304	8				2.19	1.74	3.33	3820	•	1024 48	484A 2.	2,22 1,79	_	4.01	3820	1024	14 4844		1.79	_	4.01
17 SPC	2 ON NUT	20312	1 1000 21312	12	٨		6	3.20	3.31	6.52	20312	81	3048 233	23360 3.32	32 3.50		6.82	20312	2 6072	2 26384				727
19 SPC	2 PERAKHANONG	21360 SC-TDM	21360	9	2		00	321	3,32	6.52	2 21360 3	SCTDM	212	21360 3.21	332		6.52	21360 S	SC-TDM	21360		5.32		6.52
18 TC	2 PHRAKHANONG			6				8.00		90'9				0 6.00	\$		6.00			0				8.9
£ X	2 PHRAKHANONG	8000	0008	8	4		80	5.46	3.33	8.7	8000		*	8000 5.46	333		8.79	8000		8000	5.46	333		8.79
19 SPC	2 PUCHAO SAMENGPIERA	8120	10 10240 18360	38	5	-	٧,	3,03	8	1 7.08		91	10240 183	18360 3.03	33.04		7.08	8120	10 10240	0 18360		3.04		7.38
Ø	2 PUCHAO SAMENGPERA	2000	5	0001	4		66	8.0g	3.13	8.18	7000		×	20,5	3.13		8.18	2000		7000	50.5	3,13		8.18
20 SPC	2 SUMUT PRAKAN	2870	ន	2870 3	5		n	2.10	1.60	3.70	0 2870		33	2870 2.10	0 1.60		3.70	2870		2870				3.70
20 SPC	2 SUMUT PRAKAN	0		6										0				44		2.0	230	1.91		421
ž g	2 SUMUT PRAKAN	2000	35	2000	6 2	4	27	4.14	2.73	4 10.87	2000		×	5000 4.14	4 2.73	4	10.87	2000		2000	4.14	5.73	4	10.87
21 SPC	2 SATHUPRADIT	14862	14862	29	3 2		9	2.83	2.72	1 6.5			34.			**	6.55	14862		14862	2.83	2.72	~	6.55
23 23	2 SATHUPRADIT	3250	32	3250	3 2	*	6	3.28	2.37	4 9.65	3250		33	3250 3.28	.8 2.37	4	9.65	3250		325		2.37	4	9.65
Z SPC	2 THANON TOK	13312	13312	12				2.73	2.58	5.3			133	3312 2.73	3 2.58		5.31	13312		13312		2.58		5.31
r R	2 THANON TOK	5250	35	2220	4			4.26	2.78	**************************************	\$250		22	5250 4.26	6 2.78	***	2	5250		5250		2.78		8
ង	2 THUNG MAHAMEK	5120	S	5120				2.24	1.81	4.05	5120		51	5120 2.24	4 1.81		4.05	5120		5120		1.81		20.4
<b>8</b>	2 THUNG MAHAMEK	10000	100	100001	2 0	₹	6	42,8	3.77	4 13.96	19800		10000	6.24	4 3.72	4	13,96	10000		10000	42.0	3.72	4	13.8
2 2 2 2	2 TROK CHAN	13192	131	13192	4		v	2.73	2.57	5.2	13192	2 3	2048 15240	40 2.85	5 2.76		19:5	13192	3 3072	16264	2.91	2.85		5.76
g z	2 TROX CHAN	10000	χ	00001	8 8		=	628	3.72	9.96	10000		10000	6.24	3.72		8.6	10000		10000	624	3.72		98.6
So SPC	2 BANG PU	5120	1 1024 61	6144	rn		62	2.30	1.91	4.21	5120	~	1024 61	6144 2.30	1.91		4.21	5120	1 1024	4218		1.91		421
5: SPC	2 BANG MILLI BANG BO	2624	**	2624				2.09	1.58	3,66			2624	24 2.09	9 1.58		3.66	2624	3072	5696	227	1.87		4.14
	Planning & Administrator															23	25.00						ង	у 8
	Total	315250	36 38296 353546	114	4 73	27	219	117.82	85.89	27 230.71	331812	50 57	57640 389452	52 121.86	6 90.52	\$2	264.39	347172	69 85288	432460	128.25	97.14	22	27.39

(3/2) 14.4 The Actual Number of Employees and the First Standard Number of Employees in Switching Maintenance Area 3

The Line Capeacity   The Lin							1990							1991				_			1992			
Type Aven Booken, Visco   Type Aven Booken			Lag.	Jina Capacity		F	be Actual			The Structor	ارو	T.	Line Capac	ir		Te St	mdard		The Line	Capacity			The Sundard	F.
State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement   State   Theorement		Area Erchange Name	Capa RSU		+2,4)Main	B. S)Test	SOtten 7=		- 1	1	Į	١,		28. 3)=1)~			Oben Ten		RSU	2).Capt. 3)		fainte. Test		Others Total
The control builds   1900	Į .	3 THON BURI	0		8			0			0.00	8192		818					192		3182	2.43	2.10	453
March National Nati		3 THON BURI	20000	362	8	9 5		4	9.86	5.50	14.37	20000		2000			1		900		20000	8.86	5.50	14.37
SPC         3 bab/N CHAL         11172		3 THON BURI			8	s		'n	90.00		6.00				00'9			89			0	6.00		00'9
No.   2		3 BANG KHAE	12192	121	:3	3 1		4	2.67	2.48	5.14	12192		1215		-			132		:2192	2.67	2,48	5.14
SPC         3 AAVO PILAT         29540         9 216 38776         1 4 19         4.57         5.05         21 2600         51440         5.05         51100		3 BANG KHAE	9000	¥	8	4		ō.	4.60	2,93	7.53	9009		9	_				900		9000	4.60	2.93	153
XB         3 NANTO FIGURAL         11000         7         4         11         6.66         3.91         11000         6.66         3.91         1100         1100         1100         1100         11         4         2         2.66         1100         1100         2         2.65         1100         1100         2         2.65         1100         1100         2         2.65         1100         1100         2.75         2.86         3.91         1100		3 BANG PHLAT	29540	9216	- X	9		6	4.19	4.87	9.03	29540				-	••				58140	5.21	6.53	11.73
SPC         3 CEMANA SALTITYONG         15192         3         2.28         2.75         560         15192         2.85         275         560         15192         2.85         275         560         15192         2510         275         560         15192         2510         275         560         15192         2510         275         275         560         15192         275         275         275         570         419         275         560         15102         275         570         275         275         570         275         570         275         275         570         275         570         275         275         570         275         570         275         275         570         275         570         275         275         570         275         570         275         275         570         275         570         275         275         570         275		3 BANG PELAT	11000	110	8	4		Ξ	6.50	3,91	10.51	11000		2.28		•			8		11000	9.6	3.91	10.51
XB         3 CGARANSANTTWONG         5100         4.19         2.75         6.94         5100         4.19         2.75         6.94         5100         4.19         2.75         2.84         5100         4.19         2.75         2.84         5100         4.19         2.75         2.84         5101         2.75         2.84         5101         2.75         2.84         5101         2.75         2.84         5101         2.75         2.84         5101         2.75         2.84         5101         2.75         2.84         5101         2.75         2.84         5101         2.75         2.84         5101         2.75         2.84         5101         2.75         2.84         5101         2.75         2.84         5101         2.75		3 CHARAN SANTIWONG	15192	151	84	a,		٧n	2.85	2.75	5.60	15192		151					192		15122	2.85	2.75	5.60
SPC         3 DAO KHANONG         13312         13312         13312         13312         13312         2.75         435         4311         2.75         435         4311         2.75		3 CHARAN SANITWONG	\$100	ş	8	4		ত	4.19	2.75	\$ 9	5100		510		•••			200		2180	4.19	2.75	5.94
XS         3 DAO KEANONY         12000         87         4.10         1         12000         6.59         4.10         1         12000         6.59         4.10         1         12000         6.59         4.10         1         12000         1         2.25         1000         1         1         1.200         1         1         1.200         1         1         1.200         1         1         1.200         1         1         1.200         1         1         1.200         1         4         2         1.10         1.200         1.200         1.200         1         2         1         1.200 </th <td></td> <td>3 DAO KHANONG</td> <th>13312</th> <td>133</td> <td>12</td> <td></td> <td></td> <td></td> <td>2.73</td> <td>2.58</td> <td>\$31</td> <td>13312</td> <td></td> <td>1331</td> <td></td> <td>••</td> <td></td> <td></td> <td>312</td> <td>2048</td> <td>15360</td> <td>2,85</td> <td>2.71</td> <td>5,63</td>		3 DAO KHANONG	13312	133	12				2.73	2.58	\$31	13312		1331		••			312	2048	15360	2,85	2.71	5,63
SPC         3 EKKACHAL         19970         11         4         5         3.13         3.19         6.22         19970         3.13         3.19         6.23         19970         3.13         3.19         6.23         19970         3.11         3.18         6.23         19970         3.11         3.18         6.23         19970         3.11         2.3560         2.3660 <td></td> <td>3 DAO KEANONG</td> <th>12000</th> <td>12</td> <td>00</td> <td>8</td> <td><b>.</b></td> <td>10</td> <td>6.93</td> <td>4.10</td> <td>1 12.03</td> <td>12000</td> <td></td> <td>120</td> <td></td> <td>•</td> <td></td> <td></td> <td>900</td> <td></td> <td>12000</td> <td>6,93</td> <td>4.10</td> <td>1 12.03</td>		3 DAO KEANONG	12000	12	00	8	<b>.</b>	10	6.93	4.10	1 12.03	12000		120		•			900		12000	6,93	4.10	1 12.03
SPC         1 LATYA         25360         25360         3.44         3.68         7.12         25360         3.44         3.68         7.12         25360         3.44         3.68         7.12         25360         3.44         3.68         7.12         25360         3.79         4.00         2.00         0.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         6.00         7.12         2.284         2.		3 EKKACHAI	19970	196	-6-	*		জ	3.13	3.19	6.32			199		•					32258	3,83	4.30	8.12
TC         1 LATYA         6.00         7.00         6.00         7.00 <t< th=""><td></td><td>3 LATYA</td><th>25360</th><td>253</td><td>99</td><td>3</td><td></td><td>20</td><td>6. 4</td><td>3.68</td><td>7.12</td><td></td><td></td><td>ž</td><td></td><td>•</td><td></td><td></td><td>980</td><td></td><td>25360</td><td>3. 14.</td><td>3,68</td><td>7.12</td></t<>		3 LATYA	25360	253	99	3		20	6. 4	3.68	7.12			ž		•			980		25360	3. 14.	3,68	7.12
SPC         3 NONG KRANONG         5600         17784         22284         3.27         3.41         6.68         5000         17784         22284         3.27         3.41         6.68         5000         17784         22284         3.27         3.41         2.73         6.67         3.04         3.16         3.24         3.70         20480         3.16         3.24         3.70         20480         3.70         20480         3.16         3.24         5.29         20480         3.16         3.24         5.29         20480         3.24         3		3 LATYA			· <u>.</u>				90.9		83				0 6.00			90.9			o	8		6.00
SPC         3 PHASI CRAROEN         2870         2870         2         2         4         2.10         1.60         3.70         20480         3.16         3.24         6.87         5000         4.14         2.73         6.87         5000         4.14         2.73         6.87         5000         4.14         2.73         6.87         5000         4.14         2.73         6.87         5000         4.14         2.73         6.87         5000         4.14         2.73         6.87         5000         4.14         2.73         6.87         5000         4.14         2.73         6.87         5000         <		3 NONG KHANONG	\$600		**				323	3.41	85.5		17.						000;	17384	22384	3.27	3.41	85.6
XB         3 PHAST CHARGEN         5000         5 G87         5000         4.14         2.73         6.87         5000         4.14         2.73         6.87         5000         4.14         2.73         6.87         5000		3 PHASI CHAROEN	2870	ส	8	2		4	2.10	1.60	3.70	_		204		•	٠		1480		20480	3.16	3.24	623
SPC         3 PERA PRADAENG         14144         1 A 144         2 A 18         16190         2.90         2.84         5773         14144         2 A 18         16190         2.90         2.84         5773         14144         2 A 18         16190         2.90         2.84         5773         14144         2 A 18         16190         2.89         2.89         2.80		3 PHAST CRARGEN	\$000	፞ቚ	8	4		۴	4.14	£3	6.37			Š					9003		2000	4.14	2.73	(83
XB 3 PHIA PRADAENG 3310 3310 33 1 d d 8 331 2.38 d 9.69 3310 3.31 2.38 d 9.69 3310 3310 3310 3310 3310 3310 3310 331		3 PERA PRADAENG	4 4	141	3	<b>.</b>		~	2,78	2.66	2,42	•	2	-					4	2005	19216	308	3.12	620
SPC 3 RAT BLRANA 17984 17984 3 4 7 3.01 3.01 6.02 17984 3 4.996 22080 3.25 3.38 6.63 17984 3 4.996 22080 5.25 5.20 5.72 14848 2.83 2.72 5.55 5.12 5.72 5.72 14848 5.83 2.72 5.55 5.12 5.72 5.72 14848 5.83 2.72 5.55 5.12 5.72 5.72 14848 5.83 2.72 5.55 5.12 5.72 5.72 14848 5.83 2.72 5.55 5.12 5.72 5.72 14848 5.83 2.72 5.55 5.12 5.72 5.72 5.72 5.72 5.72 5.72 5.72 5.7		3 PHEA PRADAENG	3310	'n	110	3	3	60	331	2.38	4 9.69			33		•	4		310		3310	3,31	238	5976 7
SPC 3 BANG BLUATHONG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		3 RAT BURANA	17984	£	4	6.) 4		~	3.01	3.01	5.02		t.						7364	\$60%	22080	ğ	338	6,63
SPC 3 MUBAN SETTERAKET 14336 14336 2 3 3 2.80 2.67 5.47 14336 4 4096 18432 3.04 3.05 6.09 14336 4 4096 18432 PREMINE & Authority & Authori		3 BANG BUA THONG	٥		0							5120	¢s.			-			120	8772	14848	2.83	222	\$55
ing & Administrator 12 25.00 1		3 MUBAN SETTEAKUT	14336	¥	36	2 3		প	2.80	2.67	5,47	_	4						, 988	4096	18432	30%	3.05	60'9
7755975 C1628 C7 C425C		Panning & Administrator												:				25.00						25.00
2,500 9 2,000 9 29 30 130 130 130 130 130 130 130 130 130	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Total	202010	9 26600 258910		66 59	8	130	83.59	57.20	5 145.79	263232	30 62		91.36	66.00	30 15	187.49 26		5 83312	346542	92.52	67.83	30 19034

14.4 The Actual Number of Employees and the First Standard Number of Employees in Switching Maintenance Area 4 (4/5)

		7		-		1990	8				- -			1991			-			Ş				
No. Tyre	Arms Pachamos Nama	100	ACCRETATION TO A	-		The Actual	100	- 1	The Standard	enderd		The Line Capacity	Apacity		Å	The Standard	-	1	The Line Control	1372				
8	A Dem townson	LY AND KSU	2X2	34172	Maine, 57	विं ९०५	2X-mp. 3)=1)+2]4)Mainte, 5)Test 6)Others 7)=4+5+6 Mainte.	- 1	Teil	Others Total	al (1)Cape.	RSU	2).Capa. 3)=1)+2)	)42) Mann	٤		1000		. Capaca			2	nderd	
	A BEBROANDERE			<del>o</del>	m		**	90'0		ó	000			٥	80		1	TCV TOTAL	- 1	2).Capt 3)=1)+2)	Mainte.	ğ	Others Total	
	A THE CONTROLLE	SOCO SC-TDM	55 57	13372	v	ત	1 8	2.74	2.58	1 6.	632 5000	22	12264	, 200	, ,	•	3 6							8
	* PEKHONYOTHIN	12000		12000	۵		1 10	633	4.10	1 12						• •	Ž,	8	12264			, Y		6.91
	4 PERHONYOTHEN	5900		5800	83	νı	1 11	۸ ای	2.89				•			-	572	12000		12000	6.93	4,10	<b>b</b> -4	12.03
•	4 PHRHONYOTHIN:XB			6	٧٦			8	ì	• -		2		980	4.51 2.89	••• •••	<del>8</del>	2800		5800	4.51	2.89	н	8.40
37 SPC	4 BANG KHEN	5120	11 15360	20480				2 2		-					.00'9	•	7.8				6.00			7,00
33 X8	4 BANG KHEN	10000		10000	2	·	•	91.5	\$ 1	<b>.</b>		=======================================	15360 20		3.16 3.24		6.39	5120	11 15360	20480	3.16	3.24		6.30
38 SPC	4 BANG SU	13192		13192	. "	, ,	<u>.</u>	3 8	2.72	4 13.96		₽.	==		6.24 3.72	4	13.96	100001		10000	8	3.72	4	8
<b>£</b>	4 BANG SU	10000		Š	, 0	ł s	n :	27	5	528		G	2	21336 3.	321 332		6.52	13192		13192	2.73	2.57		, S
39 SPC	4 CHAENG WATTERNA	16192	4096	2028R		) T	<b>≓</b> ₹	7	3.72	8.8		ç			6.24 3,72		9.8	10000		10000	624	3.72		ğ
40 SPC	4 DON MUANG	14240	14 15620	500				2.5	322	6.36	_	4	4096 20	20228	3,14 3,21		636	16192	4096	20288	3.15	4.73		22.5
\$ X	4 DON MUANG	3480		1 6	· v	- ر-		3.70	4.09	4 11.78		41	15680 29		3.70 4.09	4	11,78	14240 1	14 15680	29920	3,70	8	4	7
SPC	4 INTHAMARA	30720		30770		,	• -	8 6	2,42	5.81		6	€.	3480 37	3,40 2,42		5.81	3480		3480	3.40	242		5.81
₹ 2	4 DITAMARA	10000		900	c	•	-	3.7	4.16	8.	•		90	02700	3.74 4.16	-	8.90	30720		30720	3.74	4.16	<b>.</b>	8
42 SPC	4 LAK SI	11264 SC-TDM	21504	32768	, ,	, .	<u> </u>	3	3.72	4 13.96			0.0	10000	3.72	4		0000		10000	624	2.5	. 4	8
- 1c	4 LAKS					-	2	3.86	434	4 12.20		11264 SC-TD.	21504 32	32758 3.86	4.34	4		11264 12	21504	32768	38		۲ ٦	, ,
₩.	4 LAKSI	0009		9	v		•	80.9		6.00				0 6.00	ō					0	8	į	•	8
43 SPC	4 LAT PHRAO -:	15960	2048	18008	4 ر	<b>.</b> .	<i>o</i> (	8 :	2.93	7.53		_	ď	6000 4.60	0 2.93			0009		9009	8	2.93		7.53
& &	4 LAT PHRAO -1	5200		\$200	. 4		o ,	10.5	3.01	9.02		•	9216 251	25176 3,43	3 3.66		7.09	9 09651	9216	25176	3,43	3.65		00,
44 SPC	4 LAT PHRAO -2	25100	2 2000	27100	- 1	7 7	o i	ស្ន	7.7	7,00		_	vi	5200 4.23	3 2.77		2,00	5200		\$200	Į.	2.77		2 80
2 2	4 LAT PHRAO 2	3200		3200	, ,	, ,	~ .	9 i	6. 48.	7.37		6.5	2000 271	27110 3.54	4 3.84		22 7.6.7	5 01152	8099	31718	3.80	\$2		8 05
\$\$ SPC	4 NAWA NAKHON	2000		200	3 19	<i>t</i> ~	~ 4	326	2.36	5.61			32	3200 3.26	5 2.36			3200		3200	326	236		5.61
46 SPC	4 NGAN WONG WAN	26591		26591	1 1		ŧ - c	7	1,80	4,03			×	5000 2.23	3 1.80		5.03	2000		2000	2 23	1.80	•	8
25 X	4 NGAN WONG WAN	2300		3300	. 4	, ,	<u> </u>	7	3.79	7.30	~		26591	3.51			7.30 26	16591		26591	3.51	3.79	•	730
	4 NONTHABURI	٥		~~~				9	4. /y	5 12.07	828		2300	82 4 28	2,79	<u></u>	12.07	5300		5300	4 81	273	8	1200
	4 NONTHABURI	3300		3300	60		1	2.33		•							16.	16384		16384	2.92	2.86	*	5.78
	4 PAK KRET	16288	2 2048	18336	e-s	3	· •	. 58	9 5	80.0								3300		3300	3.31	2.38	6	69.9
	4 RAM INTHRA	15925	2 2048	1797.1	4	4	10	30		000		ra				-	6.07	16288 2	2048	18336	3,03	8	Ŷ	6.07
	* RAM INTHRA	0		6						70.0.	286	61	2048 17973	3.01	3.01	4	10.02	15925 2	2048	17973	3.01	3.01	0.01	10.02
	4 BANG PHUN	0		-						_	> °			<del>-</del> -		U	0.00	6144 1	1024	7168	2.36	2.01	4	437
	◆ PATHUM THANI	8192	2 2048	10240	٣	-	٧,	2.55	9.20								- 51	5120		\$120	27.24	1.81	Ý	4.05
	4 RANG SIT	8192		8192				243	210	48.0		vn .	-			1 6	6.16 81	8192 5	4096	12288	2.67	2.48	·6	6.16
8 2	4 THANYA BURL	\$120		5120				2.24	2 5	ĵ,			1524 9216			4	4.69 81	8192 1	2168	15360	2.86	2.71	5.62	<u> 13</u>
	Parming & Administrator							}	2	\$00°	3120		5120	222	1.81		4.05 5120	50	1280	6400	2.32	1.93	5	ž.
	Total	296376 3	39 75204 371580	71580	120 6	60 32	212	113.85	87.69	11 227 64						30 30.00	8					30	30.00	ō
								1			000007		87536 373806	115.15	\$.73	62 251.88	88 324034		75 102392 4	426426	122 00	61 77 63	27.4.49	_

14.4 The Actual Number of Employees and the First Standard Number of Employees in the Headquarter and Surrounding Areas (5/5)

0661	1990	1990					1661						٤			
The Line Capacity The Actual		The Act	3		The Standard	1 2	The line Conscien			+			7,2			
The first of the second of the	130 150	1 10		١					DIMINITO	-	The Line Capacity	phaty			The Standerd	
AAPA SHIMBER STORE TO AAPA SHIPE SHABER STORE GXXBER TO 44546 Mann.	CAMPE NOO (AMPE) SHIPE SHIPE SHOUTE SHOOT COORES (SAGES)	Mounte, 5) Lost 6/Others 7)=4+3	ş	Martin. Test	Others	Total 1Xapa. RSU	2).Capa. 3)=1)+2) Mainte. Test	Maine. Test	Others Total		1)Capa, RSU	2).Capt. 3)=1)+2)	()+2) Mainte.	. Hear	ŧ	Offers Torse
22 mademarkari									155	155.00				1	155	155.00
Months Nonday			T	ĺ												
				3.15	2.32	5.47		3.15 2.	2.32	5.47	3000	-	3002	71.	233	
6 NAKHON PATHOM			_	326	3.40	¥ K				-				;	ì	Ť.
27406							-	8	9	8	2840	12424	22264	326	3,40	99'9
			2	6.41	5.71 0.00	12.13		6,41 5.	5.71 0	12.13	12840 0	12424	25264	6.41	5.71	15 13
6 SAMUT SAKHON				2.63	2.10	£,		2.63	2,10	£.	2000		300			
6 SAMUT SAXHON	-			2.67	3.48	2.5		536	97.40					7	<b>.</b>	3.5
TOTAL			:						7	7	<del>10</del> 10	97 15	5077	797	2.48	5.15
			0	5.30	. 65	58.6		5.30	4.59 0.00	68'6			<del>-</del> -	5.30	4.59 0.00	68.6
9 AYUTTEAYA				2.32	86':	4.30		2.32	86.	4.30	1426		1426	2.32		
9 AYUTTBAYA				326	3,40	7979	*****	3.26	3,40	9	\$120	13184	2000	. 90 6	,	1
TOTAL			12	5.58	0 615	10 07			400				-	3	¥.	90

# 14.5 The Actual Number of Maintenance Employees (FY1991)

Ordinaly Telephone Maintenance	The Number of Subscribers.	The Number of Fault	The	Actural Number of Emplo	yces
Maintenance Division Area 1 Maintenance Division Area 2 Maintenance Division Area 3 Maintenance Division Area 4 Sub Total Vakhon Pathom Sumut Sakhon Lyutthaya	1992 290976 340844 261277 319144 1212241 15630 10176 12502	(1990.6 - 1991.6) 71062 109686 80036 130976 391760	343 317 277 295	171 139 155 168 633	Total 51 45 43 46 186 2 1 2
ેલ્લો	1250549	391760	1297	41 674	

### 14.6 The Actual Number of Install Employees [FY1991]

Ordinaly Telephone Installation	The Number of Install (FY1991)		The Actural Employees	
Installation Division 1 Installation Division 2 Installation Division 3 Installation Division 4 Sub Total Nakhon Pathom Sumut Pathon Ayutthaya	24959 29593 21675 28067 104294	71 63 72	26 26 23 22	Total 99 80 80 99 370
Headquarters Total	104294	279	97	37

## 14.7 The Actual Number of Public Telephone Install Employees [FY1991] (1/3)

Public Telephone Installation	The Number of Instal	The	Actural Number of Employee	:s
Installation Division 1		Work-Site Operations	Planning, Manage, Admi.	Total
nstallation Division 2		9		
nstallation Division 3 nstallation Division 4	İ	10	l i	
ub Total		10 39		
akhon Pathom				
umut Pathon yutthaya			<u> </u>	
leadquarters				-
otal		39		

14.7 The Actual Number of Public Telephone Maintenance Employees [FY1991] (2/3)

	Number of Public Phone	Number of Fault					
Public Telephone Maintenance					Actural Employee		
				Work-Site Operations		Planning Manage Admi	i,
Maintenance 1			Maintenance	Booth Mainte.	Revenue College	1 On 1 On 1 On 1 On 1 On 1 On 1 On 1 On	7
	3929	26713	74		ייבייים בחווכני		
Maintenance 2	4802	20001		4.39	26.80	-	01.08
Maintenance 3		17061		11,49	12 70		69.19
	3276	14711		. V .	7		110.28
Maintenance 4	4841	8009		00	24.39	7	8
Public Telephone Division		24.0		11.57	33.02	0	
Carre of Tempines Bankers and Land							7.54.1
יייייייי איייייייייייייייייייייייייייי						13	13.00
Suo lotal	17153	007/2				53	63.00
Nakhon Pathom	202	1	417	41.00	117.00	Š	90:50
Sumut Sakhon						2	3.00
	8						90.0
Ayumaya	349		_	•			0.00
Meadquarters							000
[Total							000
	07.67.1	67429	210	11.00		771	112.00
			212	41.00	117.00	300	000
						77703	2 2 2 X X

14.7 The Actual Number of PABX Employees [FY1991] (3/3)

Number of Fault Actural Employee    Work-Site Operations Planning, Manage, Admi. Total 30347 40 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4						
30347 Work-Site Operations Planning, Manage, Admi. Total 13044 40 44 4669 20 3 5610 23 3 53610 119 19 19	PABX Maintenance	Number of Fault		Actural Employee		
30347 40 13044 100	1/(1/2012)		Work-Site Operations	Planning, Manage, Admil	1.01	T
13044 36 4 4609 20 3 5610 23 5 5510 119 19 1	Manucipalica I	 30347	8		* C.	1
4609 20 3 5610 23 3 5610 23 5 5610 119 119 119 119 119	Manicalance 2	13044				\$ 3
5610 23 3 5 5 5 5 5 6 10 119 119 119 119	Maintenance 3	 4600		7		5
35 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Maintenance 4					а
53610 119	PABX Division	0100		m		8
53610 119	Center of Terminal Equipment Installation			V)	٠	3
119	Sub Total					0
	Nathon Pathom	03910	er.		-	38
thaya. quarters	Sumut Sakhon					0
quarters	Ayuthaya		٠.		٠	0
119	Headquarters					
101	[ota]					
			119	joi		ľ

14-8 The Necessary Number of Employees in Switching Maintenance Area 1 (1/5)

																											ĺ
						Competition (Competition)	. 1		1					-				Numbe	Number of Standard					-			T
			ı			┿	ı	Dumbert of Au	6	Š	1	Т			Ì	949		EFFICIENCY (Page 2)	3	2002 (25/5)	9	THE	SPRICIENCY (Page 3)	6	2007 (2550	(83)	1
	Ŋ	AUTHORN NAME	266	1	202	т.	1992	383	2007 Mante.	į	8	T04.	7	7	Tee Tee	Others Total	Ē	Mainte #2	Mende	Ħ	Othern Total	¥	Marite	77 Membe	ie. Ton	Cohera 7	Total
2		AND DIN DAENG	2	38480	288	38480				3.62 3.9	8,	ć,	4.17	19	2.60		2,60	4.17		320		R	4.17		320		33
	٠. ٣.	ASOK DEN DAENG	:		2717	33.788		24507	5615									X.	1.42	ጟ	-	×	3.91	0.15	1.19	٠	1.19
2 }		ANOK DIN DAENG	88		0	0		:		624 3.7	r,	8,	3.68 0,00	_								<del></del>					
ξ <u>ξ</u>	• •	COLUMN DES DAMES OF CO.		102261	102261	103261	K.	YZZA!		1		- :	729	_	30.54 7.08	37.62			20.00	523	M	33.77	44	<u>R</u>	20.54 5.23		35.77
1	• •	VOLUCK A SEN							- '	8 1		8 1	10,00		8	, jo	8		20 20 20 20 20 20 20 20 20 20 20 20 20 2		×	8		=	8		90
	1.	FORTING VARIOUS								3 1		8 3	8		8 :	φ.	900		8		~	8		<b>.</b>	9009	:	8
		TOTAL PARTY								8 :		8 3	8		9.00	ÿ	00'9		8	_	•	8		···	. 009		8
3 8		ALMO MASON	5			<del></del>			-	8		8	8.	•	8	1,4	4,00		8.4		4	8.		4	90.4		8
		I KACNO KASEM	0						_	. 89		8.00	88		8.8	79	9009		89		Ť	6.00		vo	9009		8
2 2		KUNGKASEM	100	2632	2834	2638				2.92 2.8		86	3.50		10.27 2.41	1 19.69	29	3.50	10.27		7	30.05	3,50	ğ	10.27 2.82		20.09
у И	•	KKUNG KASEM			2000	\$ \$		32212	25088									3.75 2.	1.50 10.22	1.61	#	13.83	530	0,62	2,46		16.50
2	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	KRUNG KASEM	00001	•	0	6				624 3.7	~ E!	8.01	5.61 0.00														
₩ **		KACING KASEA - CI		38533	383	38523	22	28596					4,17	1.67	U.78	3.78	20			320	•	ষ	4.17		320		320
	-	PATHUM WAN	21240	16634	76624	26624				320 33	31	6.51	3.51	3.	2.4.		더	3.51		2.83	C4	2,83	3.51		2.83		283
	مثو	I PATHUM WAN			2472	49.42		24790	24619			-							<u> </u>	127	-	Fi.	\$7,4	0.54	203		203
×		PATHUM WAN	Ä	0	0	5				4.32 2.8	18.	7.13 4.0	4.01 0.00											_			
ž		PATHUM WAN - CP		27962	27962	27962	Я	22962					3.59	5	3.3	3 3.33	Ē,			2,87	7	2.37	3.59		2.87		7.37
4 D	_	PALON GET	36400	28400	58400	28400			_	4.06 4.6	*	2.	522		13.59 2.91	80	.0	522	13.59		×	κ. 12.	22	13.59		80	\$ 42
4	-	PALON CHIT	_		45754	74813		54575	30047									4.51 1,80		2.49	53	45		0.60 14.05		-	16.99
<b>*</b>	-	HONORE	288	0		6			_	6.93 4.1	0	11.03 12.01	00.0														
<b>B</b>	-	PELON CULT	10000	0	0	6				6.24 3.7	t.																
- S	-	PALON CHT. CP		120973	120973	120973	191	101673					7.99	3.20	7.81		<del></del>			5.78	8	-20	8,		5,78		82
is n	SPC 1.SP	SAMRAN RAT	26640	\$6640	% 54.	26640				3.51 3.7	\$	Ę	5.13	2.05	2.89	2.89	-	\$13		3.77	. ~	, E	5.13		3.77		F
2 2	_	SAMRAN RAT			50562	\$97.65		52135	48202								_	4.82		32	. ~	G		16:0	26,	•	So
×	-	SAMBAN RAT	00001	9	٥	6			_	6.24 3.7		10.96 17.10	0000						•		1						
×	\$ : S	SAMBAN BAT	1000	0	o	0			_	6.24 3.7	22.	36.	8														
× ~	ž .	SAMBAN RAT	2000	0	O	0				6.24 3.7	ζ¢	\$	0.00														
ا ا	SPC 1S	SANZAN RAT OF		67251	67251	67751	4	51420					5.66	2.26	5.13					4.10	**		90.5	_	7	4	9
, ,	350 . 25	SAMSEN	8	12042	13042	12042				2.31 1.9	2 2	623	2.66	8.	2.19	2,19	0.	5.66		ຖື	74	2.38	38		238	7	2.38
6 <u>1</u>	-	SAMSEN	_		19461	13141		13847	2681									2.56 1.03		9.0	Ö	89.0	2.72	90.0	0.46	0	
×	-4	\$AMSEV	8	ပ	0	6				4.51 2.8	68	7.40	4.16 0.00											•			
iri w		SAKSEN O			38281		H	32199					4.16	38	3.84	3.84	<del>.</del>			3.20	es.	8	4.16		3.20	6	320
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14-8 The Necessary Number of Employees in Switching Maintenance Area 2 (2/5)

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y e	2 PUCHAO SAMINGPERAI			17605	46728	. ;	:.	21662	61311					<u> </u>		-	6.12	<b>\$</b>	8	۲۰.	5.3	2,73	3.44			4. Y	1	<del></del>
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2 BANG PHILIBANG BO		4439			4924	3700		ì	•	1			227	2.09	₹	3	727	16'0		2.18	218	<del></del>	127		2.18	
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14-8 The Necessary Number of Employees in Switching Maintenance Area 3 (3/5)

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	3 THON BURL	25.5	8	28192	28152	<del>. , ,</del>			_	3 6		99		90.0	₽	6.00			+		6	i i	X EDI	Menne	Test	Others To	Total
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27 SPC	3 BANGPHLAT. CP		56635	5003	2660.5		ar coy		vć	6.60 3.91		10.51		6.60	3,91	10.51	98		-	£.	.1	2	8, 8	150	27	14	8
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	3 PIDLA PRADAENO	3310	3310	. 😊	0					i			-			900	3.77			2 3	8		327		2.70	2.7	
ų,	3 PERA PRADAENG - CP	_	38104	3812	38164	. 19	33034		7	Ť,	о́. •	8.6	-7-	333	238 4	9,69	3.12			ţ.	8			090	2.41	2.4	
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BANG BUA THONG . CP	MURAN SETTEAKT	MULLAN SETTIAKIT	MUBAN SETTHAKIT . CP	and Adminis	TAL	1 .
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	. SE	3	S SEC			
vi.	٧.	٧ň	17	ı	- 1	i

14-8 The Necessary Number of Employees in Switching Maintenance Area 4 (4/5)

		l																								
	_1		Number of Capacity	Conciliy	1	increase member of subscriber	er of subseq	Chem	1992	92 R35 S		PAPICIENCY (	(Thuse I)	1997	7 (2540)		PPFICER	CURNCY (Press 2)	,	2002 (2545)		EPPICIES	EPPICIENCY (Place 3)	-	2007 (2520)	520)
Type Area Exchange Name	C Nache	1992	1997	2002	3007	1992 1997 20	2002	2007 Meinte.	real Cent	S S	Total	91 Metre	Ç	Maine Ton	Others	r Total	A) Ma	Mare. #2	Maine.	Ton	Othern Total		Matthe. 972	2 Meinte.	r. Tos	Others Total
S XIII 4 PARHC	4 MEHOWYOTHEN							_	6.00	_	8		_	90.00		1 7.00			8.8		Ġ	8			i _	
26 SPC + PFBBC	* PERHONYOTHEN	200	2 th	2000	33004				2.97 2.92		169		_	2.97 2	2.27	1 624		3.98	1536		8	2.45	8.	13	1536 3.10	5 24,46
No SPC + PHECHO	MEHONYOTHEN			59371	10403	•	* 62.169	44660								0:00		\$27 0.00		3.24	<del>z</del> ó	8.51\	4. H	=	53 4.14	
36 XX8 4 PHERHO	MEHONYOTHEN	2000	12000	0	6				6.93 4.10	-	22			6.93	4.30	1 12.03	5.32				6	8.				
36 XB 4 PHRHO	4 PHICHONYOTHEN	3800	2808	o	~				4.51 2.8		\$				189	1 8.40			. <b></b> .		6	8				
SPC	PERHONYOTHEN - CP		:1776	11/24	977.11	₹8127						7.05	282	•	6.50	6.50				S.25	*	8	7.95		5.05	
37 SPC 4 BANGICHEN	KHEN	20480	20480	398	30480				336 334	_	6.3			3.16 2	772	5.48		3.73 1.49	_	2.95		8	2.2		2,95	
37 SPC 4 BAND KHEN	KHEN			88	11911		2336	8								000		235 0.90		90'0	6	Ħ		0.11	0.46	
37 XB 4 BANG KHEN	KHEY	0000	10000	o	ö				624 3.72	٠	3.96		_	624	r	4 13.96	59.5			٠	0	8				
37 SPC 4 BANG	BANG KHEN . CP		£531	16573	16573	19266						2.93	1.17	**	28	2.90			_	2.52	14	2.52	25.53	. <del></del>	252	
38 SPC 4 BANGSU	20	13192	13192	ğ	23,52				2.73	*	81			2.73	ij	4.93		331 133		2.72	N	क	3.31		17.7	
36 SPC 4 BANG SU	23			39929	61803	•1	\$1966 2	21874								8		425 1.70		2.23	ri	2.29	5.39	0,46	2	
38 XCB 4 BANGSU	2	1,000	1,000	o	8				57.0	~-	8			624	3.72	966	2,65				6	900				
38 SPC 4 BANG	BANGSU. CP		5505	52951	92952	827						6.85	5 2.74	*	136	636				4.90	*	4.30	8.83		4.90	
39 SEC 4 CHAE	CHAENG WATTHRNA	2028	20288	20288	20288				3.15 3.22		6,36		_	3.15	232	5.46		315 E	95	2,63	N	2,63	3.15		2.53	
39 SPC 4 CHAEN	CHAENG WATTERNA			91611	19526		13393	8007								0.00		26, 1.06	- <del>-</del> -	29'0	Đ	9	3.10	61.0	0.77	
39 SPC 4 CHAEN	CHAENG WATTHRINA - CP		42047	42047	T-02.	40219						436	5 1.75	•	4.13	4.13				Ę,	τ.	ĨĨ.	<b>%</b>	·	331	
40 SPC 4 DONM	DONMUANG	2992	29920	33400	33400				3.70 4.09	4	20			3,70 2	. 457	4 10.16		3.39 0.00	15.92	3.04	8	8	3,89		3.04	vo
to SPC 4 DONM	DONAUANO			47366	82575	~1	56637 3	34709								900		_			1-	Ř	8,36		13.89 3.27	
MNOO + SX O	DONMUANG	3		٥	6				3.40 2.42	. 2	2			3,40	242	13.3	ឧ				•	8				
10 SPC 4 DONM	4 DON MUANG . CP			135523	138829	117476						1,52	3.41		83	8.58				624	•	ষ	8,53		\$ 24	
ZPC 4	NTHAMARA	30720	30720	40720	40720				5.74 4.76		8.8		_	3.74 2	2.48	1227		429 1.72	2	327	**	.53			327	
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41 SPC 4 NIHA	4 STHAMARA CO		27231	27231	27231	37930						₩.	22		1,61	3.61				222	**	*	¥,	_	2.85	
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		3276	37768	38768	32768				3.86	4	22.20				251	4 1037		4.19		321	ra o	£1.	4.19	<u> </u>	14.51 3.21	¥.
				27385	8	••	30945 2	2204								900		355 900			4	8	4.76	9	1017 1.99	
C XB 4 LAKSI		9000	9009		8				4.60 2.53	_	5				293	7.53	7				o	8				
S.	Đ.		30918	30918	30918	423%	,					3.75		47.76	3.61	5.57	•		47.76	16	St.	F	3.75	4	47.76 2.97	
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į,	4 MAWA NAXHON . CO		0.001	90	0,00	9768						3	ê			5				- 6		î =				
E,	NOAN WONG WAN	16391	26591	31891	31892				3.51		7.38			3.51	242	\$91				300		8	ä		195	
SPC	A NGAN WONG WAN			23289	* CA CO	ď	26432	18374								000	_,.	332 133	- <del>-</del>	25	-	*	4.35	170	1.68	
Ş	4 NGAN WONG WAN	300	5300	0	ē				4.28 2.79		12.97			428	279	X 12.07	88		<u>.</u>		a	8				

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NAMESTALIZATION   1909   190	Ų	4 NONTHABURI			36960	222.58			76039									8	Ť	8	,,,		•					•	}
NAMESTACK   1975   19	Š	4 NONTHABURI	88	33	0	8					22	1 6.69				•	-	:					5		5	4			676
FACE TION:   1795   1	SPC	A NONTHABURI . CP		47162	2	5	24123								4		•		=			!	<b>5</b>						8
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Manufacture   1973				ļ	CORN	Š			<u>\$</u>									000	3,13	ĸ	-	1.10	1.16	•		33	138		138
AMANCHERA   1973   1973   1975   19	ş	SALL LANGE - C.		1157	1.57	47.277	129								**	430		430				3.40	376		S		97		
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A.A.M. Physical Certain Cert	ģ,	A RAM INTERA			14518	22.00									) 			į į	į	, ,		7	3				ដូ		ğ
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4 PATITION THAN THAN THAN THAN THAN THAN THAN THA	Ų	A PATHUM THAN	12388	12288	1 2288	12288					2	1 6.16			2.67		-	, # Y	194	3		92,			; t				;
A PATHTIM THANT CF   1556	Ų	A PATHUM THANI			12523	20643			8120				_						1			9.1	3				2		, 1
4 RANGSTT         1536         1536         1536         1536         234         2.94	ν	A PATHUM THANI . CP		30132	30132	30,32	29090		_				_					3	707	//		07.5	6.		_	2	0.81		50 CO
4 RANGSTI         CORRESPONDED CORRESP	Ų	4 RANGSIT	15360	1360	96	9					F							3.32				K in	ж. Сі		F		8		3,
4 RANGSTT: CF         175         2.20         2.	υ	TIS DAYS		3	78.0	100		7604			3	8			28. 28.			5.10	282	1.14		2,48	2.48		SS.		2.48		85.7
THANNA BURIL   Getto G	Ų	* RANGSEL CO		ř	¥	<u>¥</u>	Š	8	ĝ			-	_					8	2.19	0.88		Ž,	22		_	\$	62.0	-	333
THANNA BURILLY   TOO	į.	A THANKA BIRE	ž			2 8								-				217				2.01	2.01		8		2.01		10
TILANDA SURILICO   17061   1	, <u>,</u>	A THENCE WITH	3	Š	3 2						E,	şi			- 23			1,42	232	8		2730	220		22		220	•••	8
AREA TOTAL   17001   15504   15000   18500						2			24478									0.00	3.82	Ľ,		27.1	1,75		-	D	328		78
20 30 00 21 21 00 0 13 13 10 0 69778 441801 29992 12.39 91.77 62 276.68 0.00 77.10 2934 172.9 4425 53 351.14 44.29 1679 54.90 147.7 10.7 11.7 11	2	THE STATE OF THE S		190/1	e c	1902	26065								2	3.68		3.68				3.16	3.16				3.16	•	-97
426426 [195646 150406 187960] 0 69713 44180] 299120 [12.39 9] 77 62 276.68 0.08 71.10 29.34 71.55 1351.14 44.29 16679 14.09 12.17 12		CALDWAN COME ALMENANCE CONTROL				$\dagger$			+			- 1			_			21.00		_									-8
		AREA TOTAL	426426	198648	1380406	1879601	699783	- 6		- 1			000							1	1		13 21.4.76	١	1	1		ı	T

14-8 The Necessary Number of Employees in the Headquarters and the Surrounding Areas (5/5)

_				0	Quencharive Index	Potes													Nistober	Numbers of Scandard									Γ.
			Number of Capacity	1		Ä	Thurs Takes	betwee tamber of expansions	E C	190	92 (2.53)		EPPICIES	EFFICIENCY (Phase 1)		1997 (2540)	1	(F)	PRECIENCY (Press 1)		2002 (2545)	88	10	BFFCENCY (Place 3)	8	א	2007 (25.50)		Γ
No. Tree	No. Type Are Statemen Name	2862	1997	2002	2007	1992	7967	2002	2007 Me	Mainta. Tock	Others	7 Total	X	Mainte. #2	Marze	Test	Others Total	3	Mercia 12	Monte	Į,	15	Total	#1 Metore.	2	Mettre. T	Test	Total	
	Beschmerters											00381 881	8				132 13	132.00	:			112	112.00					26	8
e EX ez	6 NAICHON PATHOM	8	3000	800	900				-	3.15	2.32	5.47	1		3.15	60.0		মূ		3.15	90.0		32.5		-	315	69	[	M
100 5PC	6 NACHON PATHOM	22264	72718	25.472	119628		48020	74730	63887	328	3.40	99.0	· 32		5,32	523	-	11.15		38.	6,4		13.43			¥.	202	ž	3,
101 X3	6 SAMUT SAKHON	2002	2000	3000	8					2.63	3.10	17.	3		2.63	90.0	-	2.69		2.63	8.0		7.			2,63	900	4	569
101 SPC	6 SAMUT SAKHON	1226	1125	146746	180938		\$39.58	\$5687	34191	2,67	3,48	2,15	<u>5</u>		7.68	6.65	~	14.32		2.91	<b>K</b> .		16.61			3.82	Z,	8	825
<u> </u>	9 ATUTTHAYA	1436	5507	¥	8					2.32	8,	97	9		4.83	070		5,03		5.13	8		535			5.46	025	vı	5.71
102 SPC	9 ATUTTRAYA	2002	15 X	99036	22122		7430	33768	23893	3.26	3.40	6.67	Ŧ.	•	619	5.06	-	11.25		7.11	5.77		12.88			20.00	673	2	14,33
	ALEKA TOTAL	63258	27.5582	353446	415686	ø	134025	164183	121971	87 L	5.69	87		0	30.45	1730	0	47.70	0	33.65	20,33	0	K X	0	ъ	37,14	21.05	\$	59.19
	ALL TOTAL	1,591546	1991546 4297702 5710046 6761322	27 ab 66	5761322	ő	* X . 3	0 2464194 1523165 1137919	í	\$9.68 M	8	193 1043.35	8.7	527.05 105.75	2	486.13	22	133	121047 135.73 S17.85 110.34	13.00	1,83	ğ	1200	0.00 735.23	1614	4 41.14	468.05	104 1219.19	72
	-								_			348 1391.35	- <u>'</u>				285 140	1405.47				7,5	131617					100 121819	9

### ANNEX

CHAPTER 16 FINANCIAL ANALYSIS

	penditure	Phase-1	Phase-2	Phase-3	Total
Cost	100%				20141
xchange	Number of Local Nation				·
1 1 1	Number or Installation				
	0. Land & Building (Local Only) (M B)	04.06			
	0.1 Land (M B)	94.06	47.98	26.90	
	0.2 Building (M B)	31.35	15.99	8.97	
	o.c Danding (AT II)	62.71	31.99	17.93	
·					
10.00	1. Switching				
	1.1 Expansion Plan (MB)	20,819.27	10,218.21	8,058.01	20.005.4
	1.1.1 Local (M B)	963.87	475.89	378.97	39,095.4
	1.1.2 Foreign (M ¥)	109,204.70	53,582.76	42,234.68	1,818.7 205,022.1
	1.2 XB Replacement	1,704.25	898.45	0.00	2,602.7
	1.2.1 Local (M B)	118.32	60.18	0.00	178.4
	1.2.2 Foreign (M ¥)	8,722.61	4,610.53	0.00	13,333.1
	1.3 SPC Replacement		5,011.22	4,153.37	9,164.5
	1.3.1 Local (M B)	,	315.13	623.66	938.7
	1.3.2 Foreign (M ¥)		25,828.51	19,413.40	45,241.9
	1.4 Sub Total	22,523.52	16,127.89	12,211.38	50,862.7
	1.4.1 Local (M B)	1,082.19	851.20	1,002.64	2,936.0
	1.4.2 Foreign (M ¥)	117,927.31	84,021.80	61,648.08	263,597.1
	1.5 1st Replacement	0.00	0.00	0.00	0.0
	1.5.1 Local (M B)	0.00	0.00	0.00	0.0
1 2	1.5.2 Foreign (M ¥)	0.00	0.00	0.00	0.0
	1.6 2nd Replacement	0.00	0.00	0.00	0.0
	1.6.1 Local (M B)	0.00	0.00	0.00	0.0
	1.6.2 Foreign (M ¥)	0.00	0.00	0.00	0.0
	1.7 Total	22,523.52	16,127.89	12,211.38	50,862.7
	1.7.1 Local (M B)	1,082.19	851.20	1,002.64	2,936.0
1 84 2 4 4	1.7.2 Forcign (M ¥)	117,927.31	84,021.80	61,648.08	263,597.1
	1.7.3 Foreign (M B)	21,441.33	15,276.69	11,208.74	47,926.7
	2. Outside Plant	25 112 52	12.10.10	- 10 112 15	
	2.1 Expansion Plan (M B)	35,443.73	16,149.18	10,143.45	61,736.3
	2.1.1 Local (MB)	26,765.00	12,195.00	7,660.00	46,620.0
	2.1.2 Foreign (M ¥)	47,733.00	21,748.00	13,659.00	83,140.0
	2.2 Drop Wire Instl.(M B) 2.3 Rehabilitation	2,006.72 2,269.45	1,332.89	932.24	4,271.8
	2.3.1 Local (M B)	1,764.00	943.00	1,551.00	5,478.0 4,258.0
		2,780.00	1,485.00	2,445.00	6,710.0
	2.3.2 Foreign (M¥) 2.4 1st Replacement	0.00	0.00	0.00	0.0
		0.00	0.00	0.00	
	2.4.1 Local (M B) 2.4.2 Foreign (M ¥)				·
	2.5 Total Outside	39,719.90	18,695.07	13,071.24	71,486.2
	2.5.1 Local (M B)	30,535.72	14,470.89	10,143.24	55,149.8
	2.5.1 Local (M B) 2.5.2 Foreign (M ¥)	50,513.00	23,233.00	16,104.00	89,850.0
	2.5.3 Foreign (M F)	9,184.18	4,224.18	2,928.00	16,336.3
	2.5.5 Poleigh (M B)	7,10,110	1,22112		
15.00	3. Transmission				
	3.1 Expansion Plan (M B)	7,657.73	8,112.72	6,072.39	21,842.8
	3.1.1 Local (M B)	1,112.58	1,178.66	882.19	3,173.4
	3.1.2 Foreign (M¥)	35,998.34	38,137.32	28,546.06	102,681.7
	3.2 Rehabilitation	3,917.21	3,871.87	3,292.84	11,081.9
	3.2.1 Local (MB)	568.81	562.23	478.15	1,609.2
	3.2.2 Foreign (M ¥)	18,416.16	18,203.01	15,480.78	52,099.9
	3.3 1st Replacement	0.00	0.00	0.00	0.0
	3.3.1 Local (MB)				
	3.3.2 Foreign (M ¥)				
	3.4 2nd Replacement	0.00	0.00	0.00	0.0
	3.4.1 Local (M B)				
	3.4.2 Foreign (M ¥)				
	3.5 Total Transmission	11,574.93	11,984.59	9,365.22	32,924.7
	3.5.1 Local (MB)	1,681.39	1,740.89	1,360.34	4,782.6

Capital Ex	penditure	Phase-1	Phase-2	Phase-3	Total
Cost	100%		,		
	3.5.2 Foreign (M ¥)	54,414.50	56,340.33	44,026.84	154,781.6
	3.5.3 Foreign (M B)	9,893.55	10,243.70	8,004.88	28,142.12
15.00	4. CCS No.7			36.	
	4.1 Introduction Plan (M B)	612.82	49.09	0.00	661.9
	4.1.1 Local (M B)	0.00	0.00	0.00	0.00
	4.1.2 Foreign (M ¥)	3,370.50	270.00	0.00	3,640.5
	4.2 1st Replacement	0.00	0.00	0,00	0.0
	4.2.1 Local (M B)	0.00	0.00	0.00	0.0
	4.2.2 Foreign (M ¥)	0.00	0.00	0.00	0.0
	4.3 2nd Replacement	0.00	0.00	0.00	0.0
	4.4 Total CCS No.7	612.82	49.09	0.00	661.9
	4.4.1 Local (M B)	0.00	0.00	0.00	0.0
	4.4.2 Foreign (M ¥)	3,370.50	270.00	0.00	3,640.5
	4.4.3 Foreign (M B)	612.82	49.09	0.00	661.9
10.00	5. Public Telephone				
	New Installation No of Set				
	5.1 Expansion Plan (M B)	2,046.48	2,315.03	2,623.49	6,984.9
32,700	5.1.1 Local (M B)	736.34	832.97	943.95	2,513.2
	5.1.2 Foreign (M ¥)	7,205.76	8,151.36	9,237.44	24,594.5
	5.2 1st Replacement	0.00	0.00	2,046.48	2,046.4
:	5.2.1 Local (M B)			736.34	736.3
	5.2.2 Foreign (M ¥)			7,205.76	7,205.7
	5.3 2nd Replacement	0.00	0.00	0.00	0.0
	5.3.1 Local (M B)				
	5.3.2 Foreign (M¥)			2 1211 211	
	5.4 Total Public Tel	2,046.48	2,315.03	4,669.96	9,031.4
	5.4.1 Local (M B)	736.34	832.97	1,680.29	3,249.6
	5.4.2 Foreign (M ¥)	7,205.76	8,151.36	16,443.20	31,800.3
	5.4.3 Foreign (M B)	1,310.14	1,482.07	2,989.67	5,781.8
				EH TEXA	1
	6. Sub Total Capital EX	76,571.71	49,219.65	39,344.70	165,136.0
	6.1 Local (M B)	34,129.69	17,943.92	14,213.40	66,287.0
	6.2 Foreign (M ¥)	233,431.07	172,016.49	138,222.12	543,669.6
	6.3 Foreign (M B)	42,442.01	31,275.73	25,131.29	98,849.0
		76,571.71	49,219.65	39,344.70	165,136.0
20%	7. Other Project Cost	15,314.34	9,843.93	7,868.94	33,027.2
	7.1 Local (M B)	6,825.94	3,588.78	2,842.68	13,257.4
	7.2 Foreign (M¥)	46,686.21	34,403.30	27,644.42	108,733.9
	7.3 Foreign (M B)	8,488.40	6,255.15	5,026.26	19,769.8
	8. Total Capital Expend.	91,886.05	59,063.58	47,213.64	198,163.2
	8.1 Local (M B)	40,955.63	21,532.71	17,056.09	79,544.4
	8.2 Foreign (M¥)	280,117.29	206,419.79	165,866.54	652,403.6
	8.3 Foreign (M B)	50,930.42	37,530.87	30,157.55	118,618.8

Capital Ex		1993	1994	1995	1996	1997
Cost Exchange	100%	1	2	3	4	
	5.5 Number or Installation	E01 470				
	Number of historiation	501,370	501,544	501,693	501,827	501,96
	0. Land & Building (Local Only) (M B)	94.06				
	0.1 Land (MB)	31.35				
······································	0.2 Building (M B)	62.71	·—			
		02.71	~			
				<del></del>		
10.00	1. Switching	. —			<del>  </del>	
	1.1 Expansion Plan (MB)	4,163.85	4,163.85	4,163.85	4,163.85	4 1 6 2 0
	1.1.1 Local (M B)	192.77	192.77	192.77	192.77	4,163.8
	1.1.2 Foreign (M¥)	21,840,94	21,840.94	21,840.94	21,840.94	192.7 21,840.9
	1.2 XB Replacement	368.46	344.16	342.35	330.18	319.1
	1.2.1 Local (M B)	24.03	24.17	24.09	23.51	22.5
	1.2.2 Foreign (M ¥)	1,894.36	1,759.93	1,750.46	1,686.71	1,631.1
	1.3 SPC Replacement	0.00	0.00	0.00	0.00	0.0
	1.3.1 Local (M B)	0.00	0.00	0.00	0.00	0.0
	1.3.2 Foreign (M ¥)	0.00	0.00	0.00	0.00	0.0
	1.4 Sub Total	4,532.31	4,508.01	4,506.21	4,494.04	4,482.9
	1.4.1 Local (MB)	216.80	216.95	216.86	216.28	215.3
	1.4.2 Foreign (M ¥)	23,735.30	23,600.87	23,591.40	23,527.65	23,472.0
	1.5 1st Replacement					
	1.5.1 Local (M B)			-		
	1.5.2 Foreign (M ¥)					
	1.6 2nd Replacement					
	1.6.1 Local (M B)					· · · · · · · · · · · · · · · · · · ·
	1.6.2 Foreign (M ¥)					
1.4	1.7 Total	4,532.31	4,508.01	4,506.21	4,494.04	4,482.9
<u> </u>	1.7.1 Local (M B)	216.80	216.95	216.86	216.28	215.3
	1.7.2 Foreign (M ¥)	23,735.30	23,600.87	23,591.40	23,527.65	23,472.0
	1.7.3 Foreign (M B)	4,315.51	4,291.07	4,289.35	4,277.75	4,267.6
20.00	2. Outside Plant					
	2.1 Expansion Plan (M B)	5,095.82	7,773.27	7,956.18	7,148.36	7,470.0
<u>,</u>	2.1.1 Local (M B)	3,848.00	5,870.00	6,008,00	5,398.00	5,641.0
200.00	2.1.2 Foreign (M ¥)	6,863.00	10,468.00	10,715.00	9,627.00	10,060.0
800.00	2.2 Drop Wire Instl.(M B)	401.10	401.24 453.89	401.35	401.46 453.89	401.5 453.8
	2.3 Rehabilitation	453.89	352.80	453.89 352.80	352.80	352.8
	2.3.1 Local (M B)	352.80 556.00	556.00	556.00	556.00	556.0
	2.3.2 Foreign (M ¥)	330.001	00,000	330.00	330.00	330.0
	2.4 1st Replacement					
	2.4.1 Local (M B)					
	2.4.2 Foreign (M ¥)	5,950.81	8,628.40	8,811.43	8,003.72	8,325.5
	2.5 Total Outside	4,601.90	6,624.04	6,762.15	6,152.26	6,395.3
	2.5.1 Local (MB)	7,419.00	11,024.00	11,271.00	10,183.00	10,616.0
	2.5.2 Foreign (M ¥)	1,348.91	2,004.36	2,049.27	1,851.45	1,930.1
	2.5.3 Foreign (M B)	1,346.91	2,004.30	2,047.21	1,051.15	1,7,70,1
15.00	3. Transmission					J
	3.1 Expansion Plan (M B)	1,531.55	1,531.55	1,531.55	1,531.55	1,531.5
	3.1.1 Local (M B)	222.52	222.52	222.52	222.52	222.5
	3.1.2 Foreign (M ¥)	7,199.67	7,199.67	7,199.67	7,199.67	7,199.6
	3.2 Rehabilitation	783.44	783.44	783.44	783.44	783.4
	3.2.1 Local (M B)	113.76	113.76	113.76	113.76	113.7
	3.2.1 Local (M B) 3.2.2 Foreign (M ¥)	3,683.23	3,683.23	3,683.23	3,683.23	3,683.2
	3.2.2 Poreign (M +) 3.3 1st Replacement	230001400	-,			
	3.3.1 Local (M B)					
	3.3.2 Foreign (M ¥)					
	3.4 2nd Replacement					
	3.4.1 Local (M B)					
	3.4.2 Foreign (M ¥)	2,314.99	2,314.99	2.314.99	2,314.99	2,314.5
	3.5 Total Transmission	336.28	336.28	336.28	336.28	336.2
ì	3.5.1 Local (M B)	230.20	220.40	ر النظام و دور من من المنظم و المنظم و المنظم و المنظم و المنظم و المنظم و المنظم و المنظم و المنظم و المنظم و		

Capital Ex	penditure		1993	1994	1995	1996	1997
Cost	10	00%	1	2	3	4	5
.=.=	3.5.2 Foreign (M¥)		10,882.90	10,882.90	10,882.90	10,882.90	10,882.90
	3.5.3 Foreign (MB)		1,978.71	1,978.71	1,978.71	1,978.71	1,978.71
15.00	4. CCS No.7						
	4.1 Introduction Plan (M B)		51.91	120.91	16.36	396.36	27.27
	4.1.1 Local (M B)						150.00
	4.1.2 Foreign (M ¥)		285.50	665.00	90.00	2,180.00	150.00
	4.2 1st Replacement						
	4.2.1 Local (M B)						<u> </u>
	4.2.2 Foreign (M ¥)						
	4.3 2nd Replacement						
	4.4 Total CCS No.7		51.91	120.91	16.36	396.36	27.27
	4.4.1 Local (M B)		0.00	0.00	0.00	0.00	0.00
	4.4.2 Foreign (M¥)		285.50	665.00	90.00	2,180.00	150.00
	4.4.3 Foreign (M B)		51.91	120.91	16.36	396.36	27.27
10.00	5. Public Telephone						
	New Installation No of Set		4,194	4,368	4,517	4,651	4,788
	5.1 Expansion Plan (M B)		381.16	396.96	410.50	422.73	435.13
32,700	5.1.1 Local (M B)		137.14	142.83	147.70	152.10	156.50
320,000	5.1.2 Foreign (M ¥)		1,342.09	1,397.73	1,445.38	1,488.46	1,532.10
	5.2 1st Replacement						
	5.2.1 Local (M B)						
	5.2.2 Foreign (M¥)						
	5.3 2nd Replacement						
	5.3.1 Local (M B)						
	5.3.2 Foreign (M¥)				7 7 7		
	5.4 Total Public Tel		381.16	396.96	410.50	422.73	435.13
	5.4.1 Local (M B)		137.14	142.83	147.70	152.10	156.50
	5.4.2 Foreign (M¥)		1,342.09	1,397.73	1,445.38	1,488.46	1,532.10
	5.4.3 Foreign (M B)		244.02	254.13	262.80	270.63	278.50
	6. Sub Total Capital EX		13,325.23	15,969.27	16,059.48	15,631.83	15,585.89
	6.1 Local (M B)		5,386.18	7,320.09	7,462.99	6,856.92	7,103.5
	6.2 Foreign (M¥)		43,664.79	47,570.51	47,280.68	48,262.01	46,653.09
	6.3 Foreign (M B)		7,939.05	8,649.18	8,596.49	8,774.91	8,482.38
20%	7. Other Project Cost	-	2,665.05	3,193.85	3,211.90	3,126.37	3,117.18
	7.1 Local (MB)		1,077.24	1,464.02	1,492.60	1,371.38	1,420.70
	7.2 Foreign (M ¥)		8,732.96	9,514.10	9,456.14	9,652.40	9,330,62
	7.3 Foreign (M B)		1,587.81	1,729.84	1,719.30	1,754.98	1,696.48
	8. Total Capital Expend.		15,990.28	19,163.13	19,271.37	18,758.20	18,703.0
	8.1 Local (MB)		6,463.42	8,784.11	8,955.59	8,228.31	8,524.2
	8.2 Foreign (M ¥)	1-	52,397.74	57,084.61	56,736.82	57,914.41	55,983.7
	8.3 Foreign (M B)		9,526.86	10,379.02	10,315.78	10,529.89	10,178.80

	penditure	1998	1999	2000	2001	2002
Cost	100%	6	7	8	9	2002
Exchange	5.5					
	Number or Installation	332,924	333,103	333,246	333,336	333,49
	0.1 - 1.8 70 212 - 41 - 1.0 1 > 0.1 =					
	O. Land & Building (Local Only) (M B)	47.98				
<del> </del>	0.1 Land (M B)	15.99				
	0.2 Building (M B)	31.99				
	:			_ <del>_</del>		
10.00	3 50-2-13					
10.00	1. Switching					
·	1.1 Expansion Plan (MB)	2,043.64	2,043.64	2,043.64	2,043.64	2,043.0
	1.1.1 Local (M B)	95.18	95.18	95.18	95.18	95.
	1.1.2 Foreign (M ¥)	10,716.55	10,716.55	10,716.55	10,716.55	10,716.5
	1.2 XB Replacement	273.53	250.26	374.67		
	1.2.1 Local (M B)	19.51	17.11	23.56		
<del></del>	1.2.2 Foreign (M ¥)	1.397.09	1,282.34	1,931.11		
	1.3 SPC Replacement	1,002.24	1,002.24	1,002.24	1,002.24	1,002.2
	1.3.1 Local (M B)	63.03	63.03	63.03	63.03	63.0
	1.3.2 Foreign (M ¥)	5,165.70	5,165.70	5,165.70	5,165.70	5,165.
	1.4 Sub Total	3,319.42	3,296.14	3,420.55	3,045.89	3,045.8
	1.4.1 Local (M B)	177.72	175.31	181.76	158.20	158.
	1.4.2 Foreign (M ¥)	17,279.34	17,164.59	17,813.36	15,882.25	15,882.2
	1.5 1st Replacement					
·	1.5.1 Local (M B)					
	1.5.2 Foreign (M ¥)					
لـــــــــــــــــــــــــــــــــــــ	1.6 2nd Replacement					·
·	1.6.1 Local (M B)			<u></u>		
	1.6.2 Foreign (M ¥)					
	1.7 Total	3,319.42	3,296.14	3,420.55	3,045.89	3,045.8
	1.7.1 Local (M B)	177.72	175.31	181.76	158.20	158.
<u> </u>	1.7.2 Foreign (M ¥)	17,279.34	17,164.59	17,813.36	15,882.25	15,882.2
	1.7.3 Foreign (MB)	3,141.70	3,120.83	3,238.79	2,887.68	2,887.6
20.00	2. Outside Plant					
<u> </u>	2.1 Expansion Plan (MB)	3,063.00	3,807.00	4,002.00	2,893.55	2,383.6
	2.1.1 Local (M B)	2,313.00	2,875.00	3,022.00	2,185.00	1,800.0
	2.1.2 Foreign (M ¥)	4,125.00	5,126.00	5,390.00	3,897.00	3,210.0
800.00	2.2 Drop Wire Instl.(M B)	266.34	266.48	266.60	266.67	266.8
	2.3 Rehabilitation	242.60	242.60	242.60	242.60	242.0
	2.3.1 Local (M B)	188.60	188.60	188.60	188.60	188.6
S. 12	2.3.2 Foreign (M ¥)	297.00	297.00	297.00	297.00	297.0
	2.4 1st Replacement					
	2.4.1 Local (M B)					
	2.4.2 Foreign (M ¥)			ł		
J - 1	2.5 Total Outside	3,571.94	4,316.08	4,511.20	3,402.81	2,893.0
	2.5.1 Local (M B)	2,767.94	3,330.08	3,477.20	2,640.27	2,255.4
	2.5.2 Foreign (M¥)	4,422.00	5,423.00	5,687.00	4,194.00	3,507.0
	2.5.3 Foreign (M B)	804.00	986.00	1,034.00	762.55	637.6
15.00	3. Transmission					
	3.1 Expansion Plan (M B)	1,622.54	1,622.54	1,622.54	1,622.54	1,622.
	3.1.1 Local (M B)	235.73	235.73	235.73	235.73	235.
	3.1.2 Foreign (M ¥)	7,627.46	7,627.46	7,627.46	7,627.46	7,627.
	3.2 Rehabilitation	774.37	774.37	774.37	774.37	774.
	3.2.1 Local (M B)	112.45	112.45	112.45	112.45	112.
	3.2.2 Foreign (M ¥)	3,640.60	3,640,60	3,640.60	3,640.60	3,640.
<del></del>	3.3 1st Replacement					
<del>-</del>	3.3.1 Local (M B)					
<del></del>	3.3.2 Foreign (M ¥)					
	3.4 2nd Replacement					
	3.4.1 Local (M B)					
	3.4.2 Foreign (M ¥) 3.5 Total Transmission	2,396.92	2,396.92	2,396.92	2,396.92	2,396.9
	LA TOTAL INDESSIGN	Z.390.7Z!	ム・メフリ・ブム			348.

### 16-1 Estimated Capital Expenditure for the Project in Detail (6/16)

Capital Ex	penditure	1998	1999	2000	2001	2002
Cost	100	1% 6	7	8	9	10
	3.5.2 Foreign (M¥)	11,268.07	11,268.07	11,268.07	11,268.07	11,268.0
	3.5.3 Foreign (M B)	2,048.74	2,048.74	2,048.74	2,048.74	2,048.7
15.00	4. CCS No.7					
	4.1 Introduction Plan (M B)	24.55	24.55			<u> </u>
	4.1.1 Local (M B)			- 1	2.5	
	4.1.2 Foreign (M¥)	135,00	135.00			
	4.2 1st Replacement		· .			
	4.2.1 Local (M B)					
	4.2.2 Foreign (M ¥)					
	4.3 2nd Replacement			:		
	4.4 Total CCS No.7	24.55	24.55	0.00	0.00	0.0
	4.4.1 Local (M B)	0.00	0.00	0.00	0.00	0.0
	4.4.2 Foreign (M ¥)	135.00	135.00	0.00	0.00	0.0
	4.4.3 Foreign (M B)	24.55	24.55	0.00	0.00	0.0
10,00	5. Public Telephone					
	New Installation No of Set	4,797	4,976	5,119	5,209	5,37
	5.1 Expansion Plan (M B)	435.94	452.23	465,24	473.42	488.2
32,700	5.1.1 Local (MB)	156.86	162.72	167.40	170.34	175.6
	5.1.2 Foreign (M ¥)	1,534.98	1,592.32	1,638.14	1,666.94	1,718.9
	5.2 1st Replacement					,
	5.2.1 Local (M B)					
	5.2.2 Foreign (M¥)					· · · · ·
	5.3 2nd Replacement			11.44.7		
	5.3.1 Local (M B)					
	5.3.2 Foreign (M¥)			. 4		
5	5.4 Total Public Tel	435.94	452.23	465.24	473.42	488.2
	5.4.1 Local (M B)	156.86	162.72	167.40	170.34	175.6
	5.4.2 Foreign (M¥)	1,534.98	1,592.32	1,638.14	1,666.94	1,718.9
	5.4.3 Foreign (M B)	279.09	289.51	297.84	303.08	312.5
	6. Sub Total Capital EX	9,796.74	10,485.92	10,793.91	9,319.04	8,824.0
	6.1 Local (M B)	3,498.67	4,016.29	4,174.54	3,316.99	2,937.4
	6.2 Foreign (M¥)	34,639.39	35,582.97	36,406.57	33,011.26	32,376.2
	6.3 Foreign (M B)	6,298.07	6,469.63	6,619.38	6,002.05	5,886.6
20%	7. Other Project Cost	1,959.35	2,097.18	2,158.78	1,863.81	1,764.8
	7.1 Local (M B)	699.73	803.26	834.91	663.40	587.4
	7.2 Foreign (M¥)	6,927.88	7,116.59	7,281.31	6,602.25	6,475.2
	7,3 Foreign (M B)	1,259.61	1,293.93	1,323.88	1,200.41	1,177.3
	8. Total Capital Expend.	11,756.09	12,583.10	12,952.69	11,182.85	10,588.8
	8.1 Local (MB)	4,198.40	4,819.54	5,009.44	3,980.39	3,524.9
	8.2 Foreign (M ¥)	41,567.26	42,699.57	43,687.88	39,613.52	38,851.5
	8.3 Foreign (M B)	7,557.68	7,763.56	7,943.25	7,202.46	7,063.9

Capital Ex	penditure	2003	2004	2005	2006	2007
Cost	100%	11	12	13	14	15
Exchange	5.5 Number or Installation	000 840				
	Number or Installation	232,768	232,934	233,081	233,194	233,319
· · · · · · · · · · · · · · · · · · ·	0. Land & Building (Local Only) (M B)	26.90	<del></del>			
<del></del>	0.1 Land (MB)	8.97				
	0.2 Building (M B)	17.93				
				· · · - · · · · · · · · · · · · · · · ·		
						<del></del>
10.00	1. Switching				:	
~ <del>~</del> ~	1.1 Expansion Plan (M B) 1.1.1 Local (M B)	1,611.60	1,611.60	1,611.60	1,611.60	1,611.6
:	1.1.1 Local (M B) 1.1.2 Foreign (M ¥)	75,79	75.79	75.79	75.79	75.7
	1.2 XB Replacement	8,446.94	8,446.94	8,446.94	8,446.94	8,446.9
	1.2.1 Local (MB)			<del>-</del>		
	1.2.2 Foreign (M¥)					·
·	1.3 SPC Replacement	830.67	830.67	830.67	830.67	830.6
	1.3.1 Local (M B)	124.73	124.73	124.73	124.73	124.7
	1.3.2 Foreign (M¥)	3,882.68	3,882.68	3,882.68	3,882.68	3,882.6
	1.4 Sub Total	2,442.28	2,442.28	2,442.28	2,442.28	2,442.2
	1.4.1 Local (M B)	200.53	200,53	200.53	200.53	200.5
<u> </u>	1.4.2 Foreign (M ¥)	12,329.62	12,329.62	12,329.62	12,329.62	12,329.6
·····	1.5 1st Replacement					
<del></del>	1.5.1 Local (M B) 1.5.2 Foreign (M ¥)					
	1.6 2nd Replacement					
	1.6.1 Local (MB)					
	1.6.2 Foreign (M ¥)					
· .	1.7 Total	2,442.28	2,442.28	2,442.28	2,442.28	2,442.2
	1.7.1 Local (M B)	200.53	200.53	200.53	200.53	200.5
	1.7.2 Foreign (M ¥)	12,329.62	12,329.62	12,329.62	12,329.62	12,329.6
	1.7.3 Foreign (M B)	2,241.75	2,241.75	2,241.75	2,241.75	2,241.7
20.00	2. Outside Plant					
	2.1 Expansion Plan (M B)	1,766.55	2,290.91	2,669.64	2,004.91	1,411.4
	2.1.1 Local (M B)	1,334.00	1,730.00	2,016.00	1,514.00	1,066.0
000.00	2.1.2 Foreign (M¥)	2,379.00	3,085.00	3,595.00 186.46	2,700.00 186.56	1,900.0 186.6
900300	2.2 Drop Wire Instl.(M B) 2.3 Rehabilitation	186.21 399.11	186.35 399.11	399.11	399.11	399.1
	2.3.1 Local (M B)	310.20	310.20	310.20	310.20	310.2
	2.3.2 Foreign (M ¥)	489.00	489.00	489.00	489.00	489.0
1777	2.4 1st Replacement	,0,.05				
	2.4.1 Local (MB)					
	2.4.2 Foreign (M¥)					
	2.5 Total Outside	2,351.87	2,876.37	3,255.21	2,590.57	1,997.2
, 174	2.5.1 Local (M B)	1,830.41	2,226.55	2,512.66	2,010.76	1,562.8
	2.5,2 Foreign (M ¥)	2,868.00	3,574.00	4,084.00	3,189.00	2,389.0
	2.5.3 Foreign (M B)	521.45	649.82	742.55	579.82	434.3
15.00	3. Transmission	1 214 40	1,214.48	1,214.48	1,214.48	1,214.4
	3.1 Expansion Plan (M B)	1,214.48 176.44	1,214.48	176.44	176.44	176.4
	3.1.1 Local (M B)	5,709.21	5,709.21	5,709.21	5,709.21	5,709.2
	3.1.2 Foreign (M ¥) 3.2 Rehabilitation	658.57	658.57	658.57	658.57	658.5
· · · · · · · · · · · · · · · · · · ·	3.2.1 Local (M B)	95.63	95.63	95.63	95.63	95.6
	3.2.2 Foreign (M ¥)	3,096.16	3,096.16	3,096.16	3,096.16	3,096.1
	3.3 1st Replacement					
	3.3.1 Local (M B)					
	3.3.2 Foreign (M¥)					
	3.4 2nd Replacement					
	3.4.1 Local (MB)					
	3.4.2 Foreign (M ¥)			1.000.07	1 072 04	1 072 0
	3.5 Total Transmission	1,873.04	1,873.04	1,873.04	1,873.04	1,873.0
	3.5.1 Local (M B)	272.07	272.07	272.07]	272.07	272.0

#### 16-1 Estimated Capital Expenditure for the Project in Detail (8/16)

	xpenditure		2003	2004	2005	2006	2007
Cost		00%	11	12			1
	3.5.2 Foreign (M ¥)		8,805.37	8,805,37	8,805.37	8,805.37	8,805.3
	3.5.3 Foreign (M B)		1,600.98	1,600.98	1,600.98	1,600.98	1,600.9
15.00	4. CCS No.7						
	4.1 Introduction Plan (M B)						***************************************
	4.1.1 Local (M B)				<del> </del>		
	4.1.2 Foreign (M ¥)						·
	4.2 1st Replacement						
	4.2.1 Local (M B)						14.
	4.2.2 Foreign (M ¥)					199	
	4.3 2nd Replacement				1 21		
	4.4 Total CCS No.7		0.00	0.00	0.00	0.00	0.0
	4.4.1 Local (M B)		0.00	0.00	0.00	0.00	0.0
	4.4.2 Foreign (M ¥)		0.00	0.00	0.00	0.00	0.0
	4.4.3 Foreign (M B)		0.00	0.00	0.00	0.00	0.0
10.00	5. Public Telephone						
	New Installation No of Set		5,482	5,648	5,795	5,908	6,03
	5.1 Expansion Plan (M B)		498.23	513.34	526.64	536.95	548.3
32,700	5.1.1 Local (M B)		179.27	184.70	189.49	193.20	197.2
320,000	5.1.2 Foreign (M ¥)		1,754.30	1,807.49	1,854.34	1,890.62	1,930.6
	5.2 1st Replacement		381.16	396.96	410.50	422.73	435.1
	5.2.1 Local (M B)		137.14	142.83	147.70		156.5
	5.2.2 Foreign (M ¥)		1,342.09	1,397.73	1,445.38	1,488.46	1,532.1
	5.3 2nd Replacement						.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	5.3.1 Local (M B)						
	5.3.2 Foreign (M ¥)			•			. :-
	5.4 Total Public Tel		879.39	910.30	937.14	959.68	983.4
	5.4.1 Local (M B)		316.41	327.53	337.19	345.30	353.8
	5.4.2 Foreign (M¥)		3,096.39	3,205.22	3,299.71	3,379.08	3,462.7
	5.4.3 Foreign (M B)		562.98	582.77	599.95	614.38	629.6
	6. Sub Total Capital EX		7,573.48	8,101.99	8,507.67	7.075.57	7.005.0
	6.1 Local (M B)		2,646.32	3,026.68		7,865.57	7,295.99
	6.2 Foreign (M ¥)		7,099.37	27,914.21	3,322.45 28,518.70	2,828.65 27,703.07	2,389.30
	6.3 Foreign (M B)		4,927.16	5,075.31	5,185.22	5,036.92	26,986.7
	515 1 010 gr (W1 25)		4,727.10	3,073.31	3,103.22	3,036.92	4,906.69
20%	7. Other Project Cost		1,514.70	1,620.40	1,701.53	1,573.11	1,459.20
	7.1 Local (M B)		529.26	605.34	664.49	565.73	477.80
,	7.2 Foreign (M¥)	<del></del>	5,419.87	5,582.84	5,703.74	5,540.61	5,397.35
	7.3 Foreign (M B)		985.43	1,015.06	1,037.04	1,007.38	981.34
	0.00				7.11	131 (41.1)	
	8. Total Capital Expend.		9,088.18	9,722.38	10,209.20	9,438.69	8,755.19
	8.1 Local (MB)		3,175.59	3,632.01	3,986.94	3,394.38	2,867.17
[8	8.2 Foreign (M ¥)		2,519.25	33,497.05	34,222.44	33,243.68	32,384.13
	8.3 Foreign (M B)	_1_1	5,912.59	6,090.37	6,222.26	6,044.31	5,888.02

	penditure	2008	2009	2010	2011	0010
Cost	100%	16	17	18	2011	2012
Exchange	5.5			10	13	20
	Number or Installation					
· · · · · · · · · · · · · · · · · · ·						
	0. Land & Building (Local Only) (M B					
<del></del>	0.1 Land (M B)					
	0.2 Building (M B)					
·						
10.00	4.4		~~~~~~~~~			
10.00	1. Switching					
	1.1 Expansion Plan (M B)					
	1.1.1 Local (M B)					
	1.1.2 Foreign (M ¥)					<del></del>
	1.2 XB Replacement					
	1.2.1 Local (M B)					
	1.2.2 Foreign (M¥)					
·	1.3 SPC Replacement					
	1.3.1 Local (M B)					
	1.3.2 Foreign (M ¥)					
	1.4 Sub Total					- <del></del>
	1.4.1 Local (M B)					·
	1.4.2 Foreign (M ¥)					
	1.5 1st Replacement	4,163.85	4,163.85	4,163.85	4,163.85	4,163.85
	1.5.1 Local (M B)	192.77	192.77	192.77	192.77	192.7
	1.5.2 Foreign (M ¥)	21,840.94	21,840.94	21,840.94	21,840.94	21,840.94
-	1.6 2nd Replacement				22,0 1012 (	21,010.5
	1.6.1 Local (M B)					
	1.6.2 Foreign (M ¥)				<del></del>	
	1.7 Total	4,163.85	4,163.85	4,163.85	4,163.85	4,163.85
	1.7.1 Local (M B)	192.77	192.77	192.77	192.77	192.77
	1.7.2 Foreign (M ¥)	21,840.94	21,840.94	21,840.94	21,840.94	21,840.94
	1.7.3 Foreign (M B)	3,971.08	3,971.08	3,971.08	3,971.08	3,971.08
	2. Outside Plant				3,271.00	3,577.00
	2.1 Expansion Plan (M B)					····
	2.1.1 Local (M B)				<del></del> -	
	2.1.2 Foreign (M ¥)					
	2.2 Drop Wire Instl.(MB)					
	2.3 Rehabilitation					····
	2.3.1 Local (M B)					· · · · · · · · · · · · · · · · · · ·
	2.3.2 Foreign (M¥)		<u></u>			
	2.4 1st Replacement					
	2.4.1 Local (M B)					
	2.4.2 Foreign (M ¥)					
	2.5 Total Outside	0.00	0.00	0.00	0.00	0.00
	2.5.1 Local (M B)	0.00	0.00	0.00	0.00	0.00
	2.5.2 Foreign (M¥)	0.00	0.00	0.00	0.00	0.00
	2.5.3 Foreign (M B)	0.00	0.00	0.00	0.00	0.00
	2.3.5 Totelgh (W D)				0.00	
15.00	3. Transmission					···
	3.1 Expansion Plan (M B)		+			
	3.1.1 Local (MB)					
	3.1.2 Foreign (M ¥)		- · ·		+	
			-	- · · · · · · · · ·		
	3.2 Rehabilitation			··		
	3.2.1 Local (M B)					
	3.2.2 Foreign (M ¥)	2,314.99	2,314.99	2,314.99	2,314.99	2,314.99
	3.3 1st Replacement		336.28	336.28	336.28	336.28
	3.3.1 Local (M B)	336.28		10,882.90	10,882.90	10,882.90
	3.3.2 Foreign (M ¥)	10,882.90	10,882.90	10,002.70	10,002.70	10,004.70
	3.4 2nd Replacement					.,
	3.4.1 Local (M B)					
	3.4.2 Foreign (M ¥)			0.01.100	0.214.00	221400
	3.5 Total Transmission	2,314.99	2,314.99	2,314.99	2,314.99	2,314.99
7	3.5.1 Local (M B)	336.28	336.28[	336.28	336.28	336.28

16-1 Estimated Capital Expenditure for the Project in Detail (10/16)

Cost		10001					2012
		100%	16	17	18		2
	3.5.2 Foreign (M¥)		10,882.90	10,882.90	10,882.90	10,882.90	10,882.9
	3.5.3 Foreign (M B)		1,978.71	1,978.71	1,978.71	1,978.71	1,978,7
	4. CCS No.7						<del>                                     </del>
	4.1 Introduction Plan (M B)			·			
	4.1.1 Local (MB)						
	4.1.2 Foreign (M ¥)						,
	4.2 1st Replacement		51.91	120.91	16.36	396.36	27.2
	4.2.1 Local (M B)						
	4.2.2 Foreign (M ¥)			:			
	4.3 2nd Replacement				13.4		
	4.4 Total CCS No.7		51.91	120.91	16.36	396.36	27,2
	4.4.1 Local (M B)		0.00	0.00	0.00	0.00	0.0
	4.4.2 Foreign (M ¥)		0.00	0.00	0.00	0.00	0.00
	4.4.3 Foreign (M B)		0.00	0.00	0.00	0.00	0.00
10.00	5. Public Telephone						<u> </u>
i	New Installation No of Sct				· · · · · · · · · · · · · · · · · · ·		
	5.1 Expansion Plan (M B)						
32,700	5.1.1 Local (MB)				:		<del></del>
320,000	5.1.2 Foreign (M ¥)						10.
- 1	5.2 1st Replacement		435.94	452.23	465.24	473.42	488.20
	5.2.1 Local (M B)		156.86	162.72	167.40	170.34	175.66
	5.2.2 Foreign (M ¥)		1,534.98	1,592.32	1,638.14	1,666.94	1,718.98
	5.3 2nd Replacement				1,050.1	1,000.24	1,710.70
	5.3.1 Local (M B)						
5	5.3.2 Foreign (M ¥)						
	5.4 Total Public Tel		435.94	452.23	465.24	473.42	488.20
5	5.4.1 Local (M B)		156.86	162.72	167.40	170.34	175.66
	5.4.2 Foreign (M ¥)		1,534.98	1,592.32	1,638.14	1,666.94	1,718.98
	5.4.3 Foreign (M B)		279.09	289.51	297.84	303.08	312.54
						503.00	312,34
6	5. Sub Total Capital EX		6,966.69	7,051.98	6,960.45	7,348.63	6,994.31
	5.1 Local (M B)		685.91	691.77	696.45	699.39	704.71
	.2 Foreign (M ¥)		34,258.82	34,316.16	34,361.98	34,390.78	34,442.82
6	3.3 Foreign (M B)		6,228.88	6,239.30	6,247.63	6,252.87	6,262.33
			5,220,00	0,257.50	0,577,03	0,232.07	0,202,33
20% 7	. Other Project Cost		1,393.34	1,410.40	1,392.09	1,469.73	1,398.86
	.1 Local (MB)	<del> </del> -	137.18	138.35	139.29	139.88	1,398.80
7	.2 Foreign (M ¥)		6,851.76	6,863.23	6,872.40	6,878.16	6,888.56
7	.3 Foreign (M B)		1,245.78	1,247.86	1,249.53	1,250.57	1,252.47
N X	. Total Capital Expend.		8,360.03	9 460 22	9.252.54		
R	.1 Local (MB)			8,462.37	8,352.54	8,818.35	8,393.18
	.2 Foreign (M¥)		823.09	830.12	835.74	839.27	845.65
	.3 Foreign (M B)		41,110.58 7,474.65	41,179.39 7,487.16	41,234.38 7,497.16	41,268.94 7,503.44	41,331.38 7,514.80

	penditure	2013	2014	2015	2016	2017
Cost	100%		22	23	24	2017
Exchange	5.5					
	Number or Installation					· · ·
	O. Land & Building (Local Only) (M B	]				<del></del>
	0.1 Land (M B)				·	
	0.2 Building (M B)					
						·
3 1	1837 m. 1941					
10.00	1. Switching				<del></del>	
	1.1 Expansion Plan (MB)					
7 7 7 7	1.1.1 Local (M B)					
	1.1.2 Foreign (M ¥)	· · · · · · · · · · · · · · · · · · ·		— <b>-</b> —	·	
	1.2 XB Replacement					
	1.2.1 Local (M B)	1				· · · · · · · · · · · · · · · · · · ·
	1.2.2 Foreign (M¥)				· · · · · · · · · · · · · · · · · · ·	
	1.3 SPC Replacement					- <u></u>
· · · · · · · · · · · · · · · · · · ·	1.3.1 Local (M B)					·
	1.3.2 Foreign (M ¥)	ļ	·	<del></del>		
	1.4 Sub Total	<del> </del>		<del></del>		
	1.4.1 Local (M B)	<del> </del>			· · · · · · · · · · · · · · · · · · ·	
	1.4.2 Foreign (M ¥)					
	1.5 1st Replacement	2.042.64	2042 61	0.040 < 1		
	1.5.1 Local (M B)	2,043.64	2,043.64	2,043.64	2,043.64	2,043.6
	1.5.1 Local (WB) 1.5.2 Foreign (M¥)	95.18	95.18	95.18	95.18	95.1
		10,716.55	10,716.55	10,716.55	10,716.55	10,716.5
	1.6 2nd Replacement					·
	1.6.1 Local (M B)					
	1.6.2 Foreign (M ¥)			<u></u>		
	1.7 Total	2,043.64	2,043.64	2,043.64	2,043.64	2,043.6
	1.7.1 Local (M B)	95.18	95.18	95.18	95.18	95.13
	1.7.2 Foreign (M ¥)	10,716.55	10,716.55	10,716.55	10,716.55	10,716.5
	1.7.3 Foreign (M B)	1,948.46	1,948.46	1,948.46	1,948.46	1,948.4
	2. Outside Plant					
	2.1 Expansion Plan (M B)					
	2.1.1 Local (M B)					
	2.1.2 Foreign (M ¥)					
800.00	2.2 Drop Wire Instl.(M B)		ĺ		Ì	
	2.3 Rehabilitation					
	2.3.1 Local (M B)					
	2.3.2 Foreign (M ¥)				]	
	2.4 1st Replacement	5,950.81	8,628.40	8,811.43	8,003.72	8,325.5
	2.4.1 Local (M B)	4,601.90	6,624.04	6,762.15	6,152.26	6,395.3
	2.4.2 Foreign (M ¥)	7,419.00	11,024.00	11,271.00	10,183.00	10,616.0
	2.5 Total Outside	5,950.81	8,628.40	8,811.43	8,003.72	8,325.5
	2.5.1 Local (M B)	4,601.90	6,624.04	6,762.15	6,152.26	6,395.3
	2.5.2 Foreign (M ¥)	7,419.00	11,024.00	11,271.00	10,183.00	10,616.0
	2.5.3 Foreign (M B)	1,348.91	2,004.36	2,049.27	1,851.45	1,930.1
<del> </del>	2.3.3 Poteign (w b)	1,340,71	2,004.50	2,017,21	1,051.45	1,750.11
15.00	2 m				- <del></del>	
	3. Transmission					
	3.1 Expansion Plan (M B)					
	3.1.1 Local (M B)					
	3.1.2 Foreign (M ¥)					
	3.2 Rehabilitation					
	3.2.1 Local (M B)	ļ <u> </u>				
	3.2.2 Foreign (M ¥)			2 22 5 22	0.006.00	0.007.0
	3.3 1st Replacement	2,396.92	2,396.92	2,396.92	2,396.92	2,396.9
	3.3.1 Local (M B)	348.18	348.18	348.18	348.18	348.1
	3.3.2 Foreign (M ¥)	11,268.07	11,268.07	11,268.07	11,268.07	11,268.0
	3.4 2nd Replacement					
	3.4.1 Local (M B)					
	3.4.2 Foreign (M ¥)					
	3.5 Total Transmission	2,396.92	2,396.92	2,396.92	2,396.92	2,396.9
	3.5,1 Local (M B)	348.18	348.18	348,18	348.18	348.1

## 16-1 Estimated Capital Expenditure for the Project in Detail (12/16)

	xpenditure		2013	2014	2015	2016	2017
ost		100%	21	22			2:
	3.5.2 Foreign (M ¥)		11,268.07	11,268.07			11,268,0
	3.5.3 Foreign (M B)		2,048.74	2,048.74	2,048.74	2,048.74	2,048.74
15.00	4. CCS No.7						
	4.1 Introduction Plan (M B)					<del>                                      </del>	
	4.1.1 Local (M B)					<del> </del>	
**********	4.1.2 Foreign (M ¥)			<u> </u>	<u> </u>	<del> </del>	
	4.2 1st Replacement		24.55	24.55	0.00	0.00	0.0
	4.2.1 Local (M B)	·	24,55	24,33	0.00	0.00	0,01
	4.2.2 Foreign (M¥)						
	4.3 2nd Replacement			<del> </del>			
	4.4 Total CCS No.7		24.55	24.55	0.00	0.00	0.00
	4.4.1 Local (M B)		0.00	0.00	0.00		0.00
	4.4.2 Foreign (M¥)	<del> </del> -	0.00	0.00	0.00		
	4.4.3 Foreign (M B)		0.00	0.00	0.00		0.00
	, , , , , , , , , , , , , , , , , , ,		0.00	0.00	0.00	0.00	0.00
10.00	5. Public Telephone			:	4.1		
	New Installation No of Set				<del></del>		
	5.1 Expansion Plan (M B)						
32,700	5.1.1 Local (M B)						· · · · · · · ·
20,000	5.1.2 Foreign (M¥)	-			** .		· , · · · · · · · · · · · · · · · · · ·
	5.2 1st Replacement		498.23	513.34	526.64	536.95	548.33
	5.2.1 Local (M B)		179.27	184.70	189.49	193.20	197.29
	5.2.2 Foreign (M ¥)		1,754.30	1,807.49	1,854.34	1,890.62	1,930.69
	5.3 2nd Replacement		381.16	396.96	410.50	422.73	435.13
	5.3.1 Local (M B)		137.14	142.83	147.70	152.10	156.56
	5.3.2 Foreign (M ¥)		1,342.09	1,397.73	1,445.38	1,488.46	1,532.10
	5.4 Total Public Tel		879.39	910.30	937.14	959.68	983.45
	5.4.1 Local (M B)		316.41	327.53	337.19	345.30	353.85
	5.4.2 Foreign (M ¥)		3,096.39	3,205.22	3,299.71	3,379.08	3,462.79
	5.4.3 Foreign (M B)		562.98	582.77	599.95	614.38	629.60
	6. Sub Total Capital EX		11 205 20		-		a parties and
	6.1 Local (MB)		11,295.30	14,003.81	14,189.13	13,403.96	13,749.57
	5.2 Foreign (M¥)		5,361.67	7,394.93	7,542.70	6,940.92	7,192.58
- 1	5.3 Foreign (M B)		32,500.01	36,213.84	36,555,33	35,546.70	36,063.41
	D.5 Poleign (W B)		5,909.09	6,584.33	6,646.42	6,463.04	6,556.98
20% 7	7. Other Project Cost		2,259.06	2,800.76	0.000.00	0.00.00	
	7.1 Local (MB)		1,072.33	1,478.99	2,837.83	2,680.79	2,749.91
	7.2 Foreign (M ¥)		6,500.00		1,508.54	1,388.18	1,438.52
	7.3 Foreign (M B)		1,181.82	7,242.77	7,311.07	7,109.34	7,212.68
<del></del>	······································		1,101.82	1,316.87	1,329.28	1,292.61	1,311.40
8	3. Total Capital Expend.		13,554.36	16,804.57	17,026.95	16 004 72	16 400 45
8	3.1 Local (M B)	<del></del>	6,434.00	8,873.91	9,051.24	16,084.75	16,499.48
8	.2 Foreign (M ¥)		39,000.01	43,456.61	43,866.40	8,329.10	8,631.10
~ +=	.3 Foreign (M B)		7,090.91	イン・インひ・ひょ	43,000,40	42,656.04	43,276.09

	penditure	2018	2019	2020	2021	2022
Cost	100%	26	27	28	29	30
Exchange	Number or Installation 5.5					
<u> </u>	Number of Installation		<del>-</del>			
	0. Land & Building (Local Only) (MB)		<del>-</del>			
	0.1 Land (M B)					
	0.2 Building (M B)					
	333333		<del></del>			
				<del></del>		
10.00	1. Switching					
	1.1 Expansion Plan (MB)					
	1.1.1 Local (M B)				-	<del></del>
	1.1.2 Foreign (M ¥)					
	1.2 XB Replacement					~ <del></del>
	1.2:1 Local (M B)					
	1.2.2 Foreign (M ¥)					
	1.3 SPC Replacement					
	1.3.1 Local (M B) 1.3.2 Foreign (M ¥)					
	1.4 Sub Total					
	1.4.1 Local (M B)					···
<del></del>	1.4.2 Foreign (M ¥)					
	1.5 1st Replacement	1,611.60	1,611.60	1,611.60	1,611.60	1,611.60
	1.5.1 Local (M B)	75.79	75.79	75.79	75.79	75.79
	1.5.2 Foreign (M ¥)	8,446.94	8,446.94	8,446.94	8,446.94	8,446.94
	1.6 2nd Replacement			0,110.51	0,410.27	0,770.7
	1.6.1 Local (M B)					
Ye	1.6.2 Foreign (M¥)					
	1.7 Total	1,611.60	1,611.60	1,611.60	1,611.60	1,611.60
	1.7.1 Local (M B)	75.79	75.79	75.79	75.79	75.79
	1.7.2 Foreign (M ¥)	8,446.94	8,446.94	8,446.94	8,446.94	8,446.9
<u> </u>	1.7.3 Foreign (M B)	1,535.81	1,535.81	1,535.81	1,535.81	1,535.81
20.00	2. Outside Plant					
	2.1 Expansion Plan (M B)				<u></u>	. ,
	2.1.1 Local (M B)					
000.00	2.1.2 Foreign (M ¥)					
00,008	2.2 Drop Wire Instl.(M B)				<del></del>	
<u> </u>	2.3 Rehabilitation 2.3.1 Local (M B)		<del></del>			
1	2.3.1 Local (M B) 2.3.2 Foreign (M ¥)					
	2.4 1st Replacement	3,571.94	4,316.08	4,511.20	3,402.81	2,893.04
	2.4.1 Local (M B)	2,767.94	3,330.08	3,477.20	2,640.27	2,255.40
	2.4.2 Foreign (M ¥)	4,422.00	5,423.00	5,687.00	4,194.00	3,507.00
	2.5 Total Outside	3,571.94	4,316.08	4,511.20	3,402.81	2,893.04
	2.5.1 Local (M B)	2,767.94	3,330.08	3,477.20	2,640.27	2,255.40
10.4 (20.	2.5.2 Foreign (M ¥)	4,422.00	5,423.00	5,687.00	4,194.00	3,507.00
	2.5.3 Foreign (M B)	804.00	986.00	1,034.00	762.55	637.6
15.00	3. Transmission					****
	3.1 Expansion Plan (M B)					
	3.1.1 Local (M B)					
	3.1.2 Foreign (M ¥)					
	3.2 Rehabilitation					
	3.2.1 Local (M B)					
	3.2.2 Foreign (M ¥)	1.070.04	1 070 04	1 972 04	1 972 04	1,873.0
	3.3 1st Replacement	1,873.04	1,873.04	1,873.04	1,873.04 272.07	272.0
	3.3.1 Local (M B)	272.07	8,805.37	8,805,37	8,805.37	8,805.3
	3.3.2 Foreign (M ¥)	8,805.37	15.5000	0,000,77	0,000,01	0,50515
<del>:  </del>	3.4 2nd Replacement					
	3.4.1 Local (M B)					//
	3.4.2 Foreign (M ¥)	1,873.04	1,873.04	1,873.04	1,873.04	1,873.0
	3.5 Total Transmission 3.5.1 Local (M B)	272.07	272.07	272.07	272.07	272.0

## 16-1 Estimated Capital Expenditure for the Project in Detail (14/16)

Capital Ex	penditure		2018	2019	2020	2021	2022
Cost		100%	26	27	28	29	30
·········	3.5.2 Foreign (M¥)		8,805.37	8,805.37	8,805.37	8,805.37	8,805.3
	3.5.3 Foreign (MB)		1,600.98	1,600.98	1,600,98	1,600.98	1,600.9
15.00	4. CCS No.7						
	4.1 Introduction Plan (MB)						···
	4.1.1 Local (M B)						·
	4.1.2 Foreign (M ¥)						·
	4.2 1st Replacement		0.00	0.00	0.00	0.00	0.0
	4.2.1 Local (M B)						· · · · · · · · · · · · · · · · · · ·
	4.2.2 Foreign (M ¥)			:			
	4.3 2nd Replacement						
	4.4 Total CCS No.7		0.00	0.00	0.00	0.00	0.0
	4.4.1 Local (M B)		0.00	0.00	0.00	0.00	0.0
	4.4.2 Foreign (M ¥)		0.00	0.00	0.00	0.00	0.0
	4.4.3 Foreign (MB)		0.00	0.00	0.00	0.00	0.0
10.00	5. Public Telephone						
	New Installation No of Set						<u></u>
	5.1 Expansion Plan (M B)						
	5.1.1 Local (M B)						
320,000	5.1.2 Foreign (M¥)				· · · · · · · · · · · · · · · · · · ·		
	5.2 1st Replacement		<u>·</u>	}			<del></del>
	5.2.1 Local (M B)						
	5.2.2 Foreign (M¥)						
	5.3 2nd Replacement		435,94	452.23	465.24	473.42	488.2
	5.3.1 Local (M B)		156.86	162.72	167,40	170,34	175.6
	5.3.2 Foreign (M ¥)		1,534.98	1,592.32	1,638.14	1,666.94	1,718.9
	5.4 Total Public Tel		435.94	452.23	465.24	473.42	488.2
	5.4.1 Local (M B)		156.86	162.72	167.40	170.34	175.6
	5.4.2 Foreign (M ¥)		1,534.98	1,592.32	1,638.14	1,666.94	1,718.9
	5.4.3 Foreign (M B)		279.09	289.51	297.84	303.08	312.5
	6. Sub Total Capital EX		7,492.53	8,252.96	8,461.08	7,360.88	6,865,8
	6.1 Local (M B)		3,272.66	3,840.66	3,992.46	3,158.47	2,778.9
	6.2 Foreign (M¥)		23,209.28	24,267.62	24,577.45	23,113.25	22,478.2
	6.3 Foreign (M B)		4,219.87	4,412.30	4,468.63	4,202.41	4,086.9
20%	7. Other Project Cost		1,498.51	1,650.59	1,692.22	1,472.18	1,373.1
	7.1 Local (M B)		654.53	768.13	798.49	631.69	555,7
	7.2 Foreign (M¥)		4,641.86	4,853.52	4,915.49		4,495.6
	7.3 Foreign (M B)	-	843.97	882.46	893.73	840.48	817.3
	8. Total Capital Expend.		8,991.03	9,903.55	10,153.30	8,833.06	8,239.0
	8.1 Local (M B)		3,927.19	4,608.79	4,790.95	3,790.17	3,334.7
	8.2 Foreign (M¥)		27,851.14	29,121.15	29,492.94	27,735.90	26,973.9
	8.3 Foreign (M B)		5,063.84	5,294.75	5,362.35	5,042.89	4,904.3

16-1 Estimated Capital Expenditure for the Project in Detail (15/16)

	penditure	2023	2024	2025	2026	2027
Cost	100%	31	32	33	34	35
Exchange	5.5	ļ <u>.</u>				
	Number or Installation	ļ				
	O Land & Duilding Cont O LACAD					
···	0. Land & Building (Local Only) (M B 0.1 Land (M B)					
	0.2 Building (M B)	ļ				
	O.2 Dullollig (W B)					
		<del> </del>				
10.00	1. Switching					
	1.1 Expansion Plan (M B)			_~		
	1.1.1 Local (M B)	<del> </del>				
	1.1.2 Foreign (M ¥)	<u> </u>			!	
	1.2 XB Replacement	·	·			
	1.2.1 Local (M B)	·				
-	1.2.2 Foreign (M¥)		~			
	1.3 SPC Replacement	<u> </u>	<del></del>			
	1.3.1 Local (M B)		<u>-</u>			
	1.3.2 Foreign (M ¥)					
	1.4 Sub Total				— ————————————————————————————————————	
	1.4.1 Local (M B)	<del></del>	·			
	1.4.2 Foreign (M Y)	] ·				
	1.5 1st Replacement					
	1.5.1 Local (M B)		·			
	1.5.2 Foreign (M ¥)					
	1.6 2nd Replacement	4,163.85	4,163.85	4,163.85	4,163,85	4,163.8
	1.6.1 Local (M B)	192.77	192.77	192.77	192.77	192.7
11 4	1.6.2 Foreign (M ¥)	21,840.94	21,840.94	21,840.94	21,840.94	21,840.9
	1.7 Total	4,163.85	4,163.85	4,163.85	4,163.85	4,163.8
	1.7.1 Local (M B)	192.77	192.77	192.77	192.77	192.7
	1.7.2 Foreign (M ¥)	21,840.94	21,840.94	21,840.94	21,840,94	21,840.9
	1.7.3 Foreign (M B)	3,971.08	3,971.08	3,971.08	3,971.08	3,971.0
	2. Outside Plant		[,			
	2.1 Expansion Plan (M B)					
	2.1.1 Local (M B)	ļ				
	2.1.2 Foreign (M ¥)					
	2.2 Drop Wire Instl.(M B)					
	2.3 Rehabilitation	- <del></del>	<del>-</del>			· · · · · · · · · · · · · · · · · · ·
	2.3.1 Local (M B)					
	2.3.2 Foreign (M ¥)	0.251.97	2,876.37	3,255.21	2,590.57	1,997.2
	2.4 1st Replacement	2,351.87			2,390.37	1,562.8
	2.4.1 Local (M B)	1,830.41	2,226.55 3,574.00	2,512.66 4,084.00	3,189.00	2,389.0
	2.4.2 Foreign (M ¥)	2,868.00		3,255.21	2,590.57	1,997.2
	2.5 Total Outside	2,351.87 1,830.41	2,876.37 2,226.55	2,512.66	2,010.76	1,562.8
	2.5.1 Local (M B)	2,868.00	3,574.00	4,084.00	3,189.00	2,389.0
	2.5.2 Foreign (M ¥) 2.5.3 Foreign (M B)	521.45	649.82	742.55	579.82	434.3
<del></del>	Z.J.J FOICIGII (MI D)	361.43	(717.02	1 ТД.ЭЭ	317.02	157.5
15.00	3. Transmission	<del> </del>				
	3.1 Expansion Plan (M B)	<u> </u>				
	3.1.1 Local (M B) 3.1.2 Foreign (M ¥)					
	3.1.2 Poreign (M +) 3.2 Rehabilitation					
		<del></del>				
	3.2.1 Local (M B)					
	3.2.2 Foreign (M ¥) 3.3 1st Replacement			· ··		
	3.3.1 Local (M B)					
	3.3.1 Local (M B) 3.3.2 Foreign (M ¥)					
	3.4 2nd Replacement	2,314.99	2,314.99	2,314.99	2,314.99	2,314.9
	3.4.1 Local (M B)	336.28	336.28	336.28	336.28	336.2
1	_1.**.   LAR-AL LIVI IZ					10,882.9
		10 882 001	10.882.901	11/1/00/213/1/1	10,002,701	10,006.7
	3.4.2 Foreign (M ¥) 3.5 Total Transmission	10,882.90	10,882,90 2,314.99	10,882.90 2,314.99	10,882.90 2,314.99	2,314.9

## 16-1 Estimated Capital Expenditure for the Project in Detail (16/16)

Capital Ex	penditure		2023	2024	2025	2026	2027
Cost		100%	31	32	33	34	35
	3.5.2 Foreign (M ¥)		10,882.90	10,882.90	10,882.90	10,882.90	10,882,90
	3.5.3 Foreign (M B)		1,978.71	1,978.71	1,978.71	1,978,71	1,978.71
15.00	4. CCS No.7						
	4.1 Introduction Plan (M B)		7 7				
	4.1.1 Local (M B)				:		
	4.1.2 Foreign (M ¥)						
	4.2 1st Replacement						
	4.2.1 Local (M B)						<u> 14 g</u>
	4.2.2 Foreign (M ¥)						<u> </u>
	4.3 2nd Replacement		51.91	120.91	16.36	396.36	27.27
	4.4 Total CCS No.7		51.91	120.91	16.36	396.36	27.27
	4.4.1 Local (M B)		0.00	0.00	0.00	0.00	0.00
7	4.4.2 Foreign (M ¥)		51.91	120.91	16.36	396.36	27.27
	4.4.3 Foreign (M B)		9.44	21.98	2.98	72.07	4.96
10.00	5. Public Telephone						
	New Installation No of Set						
	5.1 Expansion Plan (MB)						
32,700	5.1.1 Local (M B)					T. T.	
	5.1.2 Foreign (M V)						•
	5.2 1st Replacement						
	5.2.1 Local (M B)				- 43 - 1		
	5.2.2 Foreign (M ¥)	[					*
	5.3 2nd Replacement		498.23	513.34	526.64	536.95	548,33
	5.3.1 Local (M B)		179.27	184.70	189.49	193.20	197.29
	5.3.2 Foreign (M ¥)		1,754.30	1,807.49	1,854.34	1,890.62	1,930.69
<del></del>	5.4 Total Public Tel		498.23	513.34	526.64	536.95	548,33
	5.4.1 Local (M B)		179.27	184.70	189.49	193.20	197.29
	5.4.2 Foreign (M ¥)		1,754,30	1,807.49	1,854.34	1,890.62	1,930.69
	5.4.3 Foreign (M B)		318.96	328.63	337.15	343.75	351.03
····	6. Sub Total Capital EX		9,380.85	9,989.45	10,277.06	10,002,73	9,051.66
	6.1 Local (MB)		2,538.73	2,940.30	3,231.21	2,733.01	2,289.20
	6.2 Foreign (M¥)		37,398.05	38,226.24	38,678.54	38,199.83	37,070.80
	6.3 Foreign (M B)		6,799.65	6,950.22	7,032.46	6,945.42	6,740.15
20%	7. Other Project Cost		1,876.17	1,997.89	2,055.41	2,000.55	1,810.33
	7.1 Local (M B)		507.75	588.06	646.24	546.60	457.84
	7.2 Foreign (M ¥)		7,479.61	7,645.25	7,735.71	7,639.97	7,414.16
	7.3 Foreign (M B)		1,359.93	1,390.04	1,406.49	1,389.08	1,348,03
	8. Total Capital Expend.		11,257.02	11,987.34	12,332,47	12,003.27	10,861.99
	8.1 Local (M B)		3,046.48	3,528.36	3,877.45	3,279.61	2,747.04
	8.2 Foreign (M ¥)		44,877.66	45,871.48	46,414.25	45,839.79	44,484.90
	8.3 Foreign (M B)	<del></del> }	8,159.58	8,340.27	8,438.95	8,334.51	8,088.17

Term	0	1	2	3	4	
Year	1992	1993	1994	1995	1996	5 1997
(Unit: Thousand Baht)	WP 11 10 10 10 10 10 10 10 10 10 10 10 10					1991
Cash Flow Table						
I. Cash In-Flow			<u> </u>		ļ.—	
1. Operating Revenue	0	5,562,221	10,392,431	15,231,056	20.075.502	24.005.4
1.1 Installation Fee		1,662,688		The second second		24,925,16
1.2 Subscription Fee		223,346			1,563,059	
1.3 Local Call Charge		1,223,998	1			
1.4 Trunk Call Charge		705,669	1			
1.5 Deposit		1,488,975	1 1 1 1			· · · · · · · · · · · · · · · · · · ·
1.6 Public Telephone Usages		78,985				
1.7 Other Service		178,560				
		,		971,031	1,233,730	1,613,03
II. Cash Out-Flow	7,995,140	21,576,960	25,936,631	28,022,248	30,021,407	20 012 01
1. Capital Expenditure	7,995,140			19,014,787		
1.1 Local Portion	3,231,709	7,623,763	8,869,849	8,591,949	8,376,258	` <del></del>
1.2 Foreign Portion	4,763,431	9,952,941		10,422,839		· · · · · · · · · · · · · · · · · · ·
2. Operating Expenditure		1,104,707	2,121,893	3,108,498		
2.1 Staff Remuneration		422,923	750,530		1,339,661	1,641,54
2.2 Other Administrative Expenses		464,920		1,395,222	1,860,566	
2.3 Repair & maintenance Expenses		176,131	352,324	528,568	704,860	2,326,03
2.4 Bad Debt Expense		40,732	89,037	137,426		881,206 234,374
3. Working Capital		2,036,623	4,451,856	6,871,309	9,293,726	11,718,689
3.1 Working Capital Increase		2,036,623	2,415,232	2,419,453	2,422,418	2,424,963
4. Taxation		858,926	2,006,036	3,166,789	4,341,028	5,517,125
4.1 Remittance to the Treasury		597,619	1,439,267	2,294,396	3,162,981	4,033,433
4.2 VAT 7% (6.54% on 1.1,.2,.3,.4,.7)		261,307	566,769	872,392	1,178,047	1,483,692
5. Interest	0	0	0	0,2,5,2	0	1,705,052
6. Bonus Payment		0	176,218	312,721	436,367	558,192
Net Cash Flow without Interest	-7,995,140	-16,014,739	-15,544,200	-12,791,192	-9,945,825	-3,887,847
Acc. Net Cash without Interest (MB)	-7,995	-24,010	-39,554	-52,345	-62,291	-66,179
FIRR	10.05%	21,010		32,515	02,271	00,17
III. Net Cash Flow	7,995,140	-16,014,739	-15,544,200	-12,791,192	-9,945,825	-3,887,84
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1010111200	4-11/11/4	7,777,023	2,007,09
V. Accumulated Net Cash Flow (M B)	-7,995	-24,010	-39,554	-52,345	-62,291	-66,179
THE CASE TO CASE THE CASE TO THE CASE T	1,773	21,010	T,JJ*[	J.,J.T.J.	VA <sub>1</sub> EJ1	-00,17
Financing Assumption						
. Cash Balance (at Beginig)		-7,995,140	-24,009,878	-39,554,079	-52,345,271	-62,291,096
1 Cash from Operation	-7,995,140	-16,014,739	-15,544,200	-12,791,192	-9,945,825	-3,887,847
2.Own Fund	1,223,170	10,011,737	20,011,200	,,1,2,2	-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2,007,07
Long-term Debt						
1.1 Borrowing	<del>-</del>		<del></del>			
3.2 Amortization	0	0	0	0	0	
. Cash Balance (at Ending)	-7,995,140	-24,009,878	-39,554,079	-52,345,271	-62,291,096	-66,178,94
	-1,773,140	-24,007,010	-33,334,017	1110000	02,271,070	00,170,74.
. Total Amount of Borrowings						
Total One Ford						
. Total Own Fund						<del> </del>

Term	6	7	8	9	10	111
Year	1998	1999	2000	2001	2002	2003
(A) 1. (3)		- May 16 page -				
(Unit: Thousand Baht) Cash Flow Table	<b></b>			<del>                                     </del>		
I. Cash In-Flow	1			1 1 1 1 1 1	<del> </del>	
1. Operating Revenue	27,964,871	31,342,175	34,724,329	38,109,726	41,498,383	43,763,490
1.1 Installation Fee	1,094,633	1,094,174	1,093,669		*	754,012
1.2 Subscription Fee	2,379,656	2,673,674	2,967,564		3,554,901	3,802,940
1.3 Local Call Charge	12,547,052	14,053,945	15,558,693	1	1	19,829,418
1.4 Trunk Call Charge	8,112,163	9,266,128	10,421,358		1	13,718,354
1.5 Deposit	980,268	979,857	979,405		978,360	
1.6 Public Telephone Usages	933,324	1,106,387	1,285,029	1,467,992	1,655,492	1,847,662
1.7 Other Service	1,917,776	2,168,011	2,418,612	2,669,460	2,920,557	3,135,870
		F 1				
II. Cash Out-Flow	26,853,868	29,027,380	30,009,173	30,590,586	31,357,598	32,231,902
1. Capital Expenditure	12,169,594	12,767,898	12,067,772	10,885,848	9,838,513	9,405,281
1.1 Local Portion	4,508,973	4,914,493	4,494,917	3,752,660	3,350,258	3,403,800
1.2 Foreign Portion	7,660,621	7,853,405	7,572,854	7,133,188	6,488,255	6,001,482
2. Operating Expenditure	5,816,076	6,573,686	7,361,114	8,181,859	9,039,837	9,738,276
2.1 Staff Remuneration	1,913,317	2,211,243	2,538,758	2,899,440	3,297,115	3,672,254
2.2 Other Administrative Expenses	2,634,757	2,943,644	3,252,663	3,561,765	3,871,018	4,086,864
2.3 Repair & maintenance Expenses	998,156	1,115,175	1,232,245	1,349,346	1,466,504	1,548,275
2.4 Bad Debt Expense	269,846	303,623	337,449	371,308	405,200	430,883
3. Working Capital	13,492,302	15,181,159	16,872,462	18,565,409	20,260,012	21,544,128
3.1 Working Capital Increase	1,773,612	1,688,858	1,691,303	1,692,947	1,694,602	1,284,116
4. Taxation	6,410,607	7,199,723	7,967,632	8,772,116	9,576,546	10,430,431
4.1 Remittance to the Treasury	4,706,317	5,285,784	5,844,087	6,439,034	7,034,007	7,732,448
4.2 VAT 7% (6.54% on 1.1,.2,.3,.4,.7)	1,704,289	1,913,939	2,123,545	2,333,082	2,542,539	2,697,983
5. Interest	0	0	0	0	0	0
6. Bonus Payment	683,978	797,215	921,351	1,057,816	1,208,100	1,373,798
Net Cash Flow without Interest	1,111,003	2,314,796	4,715,157	7,519,140	10,140,785	11,531,589
Acc. Net Cash without Interest (M B)	-65,068	-62,753	58,038	-50,519	-40,378	-28,846
FIRR						
III. Net Cash Flow	1,111,003	2,314,796	4,715,157	7,519,140	10,140,785	11,531,589
			933 F			<del></del>
(V. Accumulated Net Cash Flow (M B)	-65,068	-62,753	-58,038	-50,519	-40,378	-28,846
Financing Assumption					1 3-4-41	
l. Cash Balance (at Beginig)	-66,178,943	-65,067,939	-62,753,144	-58,037,987	-50,518,847	-40,378,062
1.1 Cash from Operation	1,111,003	2,314,796	4,715,157	7,519,140	10,140,785	11,531,589
2.Own Fund						7.72/202/202
3. Long-term Debt						
3.1 Borrowing						
3.2 Amortization	0	0	0	0	0	n
l. Cash Balance (at Ending)	-65,067,939	62,753,144	-58,037,987	-50,518,847	-40,378,062	-28,846,474
. Total Amount of Borrowings						
0						
o. Total Own Fund						
0						

Term	12	13	14	15	16	17
Year	2004	2005	2006	2007	2008	2009
(Unit: Thousand Baht)						2009
Cash Flow Table						
I. Cash In-Flow						
1; Operating Revenue	46,185,741	48,611,657	51,040,170	53,470,565	53,264,426	52.264.426
1.1 Installation Fee	753,273	752,459	751,564	750,580	0	53,264,426
1.2 Subscription Fee	4,005,411	4,207,673	4,409,706	4,611,487	4,712,311	4,712,311
1.3 Local Call Charge	20,862,442	21,894,098	22,924,310	23,952,986	24,466,903	24,466,903
1,4 Trunk Call Charge	14,529,926	15,341,080	16,151,706	16,961,692	17,366,537	17,366,537
1.5 Deposit	674,572	673,844	673,043	672,161	0	17,500,557 0
1.6 Public Telephone Usages	2,044,717	2,247,291	2,454,614	2,666,264	2,773,162	2,773,162
1.7 Other Service	3,315,400	3,495,211	3,675,227	3,855,394	3,945,513	3,945,513
		51000512		3,033,334		3,743,313
II. Cash Out-Flow	34,390,565	35,951,821	36,985,990	38,271,018	39,246,065	40,172,041
1. Capital Expenditure	9,965,792	9,823,944	9,096,938	8,557,610	8,411,202	8,407,455
1.1 Local Portion	3,809,476	3,690,660	3,130,773	1,845,127	826,604	832,930
1.2 Foreign Portion	6,156,317	6,133,283	5,966,165	6,681,337	7,480,907	7,492,161
2. Operating Expenditure	10,472,292	11,246,922	12,066,012	12,933,825	15,746,417	15,746,417
2.1 Staff Remuneration	4,084,211	4,536,559	5,033,193	5,578,372	8,386,304	8,386,304
2.2 Other Administrative Expenses	4,302,864	4,519,000	4,735,240	4,951,597	4,951,597	4,951,597
2.3 Repair & maintenance Expenses	1,630,105	1,711,986	1,793,907	1,875,872	1,875,872	1,875,872
2.4 Bad Debt Expense	455,112	479,378	503,671	527,984	532,644	532,644
3. Working Capital	22,755,584	23,968,906	25,183,564	26,399,202	26,632,213	26,632,213
3.1 Working Capital Increase	1,211,456	1,213,322	1,214,657	1,215,638	233,011	0
4. Taxation	11,210,919	11,965,878	12,718,150	13,466,781	12,531,113	12,523,876
4.1 Remittance to the Treasury	8,367,319	8,976,779	9,583,687	10,187,109	9,227,946	9,220,709
4.2 VAT 7% (6.54% on 1.1, 2, 3, 4, 7)	2,843,600	2,989,100	3,134,463	3,279,673	3,303,167	3,303,167
5. Interest	0	0	0	0	0	. 0
6. Bonus Payment	1,530,106	1,701,755	1,890,233	2,097,164	2,324,322	3,494,293
Net Cash Flow without Interest	11,795,176	12,659,835	14,054,180	15,199,546	14,018,361	13,092,385
Acc. Net Cash without Interest (M B)	-17,051	-4,391	9,663	24,862	38,881	51,973
FIRR						
III. Not Cash Flow	11,795,176	12,659,835	14,054,180	15,199,546	14,018,361	13,092,385
III. NOT CHANT TOW						
IV. Accumulated Net Cash Flow (M B)	-17,051	-4,391	9,663	24,862	38,881	51,973
11. Headistand Tiot Gust 1:00 (2-1-2)						
Financing Assumption						<u></u>
1. Cash Balance (at Beginig)	-28,846,474	-17,051,298	-4,391,463	9,662,717	24,862,264	38,880,625
1.1 Cash from Operation	11,795,176	12,659,835	14,054,180	15,199,546	14,018,361	13,092,385
2.Own Fund			·			
3. Long-term Debt		-			·	
3.1 Borrowing						
3.2 Amortization	0	0	0	0	0	
4. Cash Balance (at Ending)	-17,051,298	-4,391,463	9,662,717	24,862,264	38,880,625	51,973,010
5. Total Amount of Borrowings	17,001,000					
3. Total Amount of Borrowings						
6. Total Own Fund						<u> </u>
		L	···			

Term	18	19	20	7 21	22	23
Year	2010	2011	2012	2013	2014	2015
(Unit: Thousand Baht)	<u> </u>			<u> </u>		
Cash Flow Table	<del> </del>		<b> </b>	<u> </u>	<del> </del>	
I. Cash In-Flow						
1. Operating Revenue	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426	53,264,42
1.1 Installation Fee	0	0				
1.2 Subscription Fee	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311	4,712,31
1.3 Local Call Charge	24,466,903	24,466,903	24,466,903			
1.4 Trunk Call Charge	17,366,537	17,366,537	17,366,537	T		
1.5 Deposit	0	0	0			T
1.6 Public Telephone Usages	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162	2,773,16
1.7 Other Service	3,945,513	3,945,513	3,945,513			
	ļ					
II. Cash Out-Flow	40,350,966	40,342,330	42,680,256	46,872,123	48,577,147	48,187,730
1. Capital Expenditure	8,585,444	8,605,763	10,973,770	15,179,466	16,915,759	16,555,849
1.1 Local Portion	837,505	842,461	3,639,825	7,653,955	8,962,576	
1.2 Foreign Portion	7,500,302	7,509,120	7,302,854	7,496,056	7,938,455	7,865,676
2. Operating Expenditure	15,746,417	15,746,417	15,746,417	15,746,417	15,746,417	15,746,417
2.1 Staff Remuneration	8,386,304	8,386,304	8,386,304	8,386,304	8,386,304	8,386,304
2.2 Other Administrative Expenses	4,951,597	4,951,597	4,951,597	4,951,597	4,951,597	4,951,597
2.3 Repair & maintenance Expenses	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872
2.4 Bad Debi Expense	532,644	532,644	532,644	532,644	532,644	532,644
3. Working Capital	26,632,213	26,632,213	26,632,213	26,632,213	26,632,213	26,632,213
3.1 Working Capital Increase	, 0	0	0	0	0	
4. Taxation	12,524,812	12,495,857	12,465,776	12,451,946	12,420,677	12,391,171
4.1 Remittance to the Treasury	9,221,645	9,192,690	9,162,609	9,148,780	9,117,510	9,088,004
4.2 VAT 7% (6.54% on 1.1,.2,.3,.4,.7)	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167
5. Interest	0	0	0	0	0	0
6. Bonus Payment	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293
Net Cash Flow without Interest	12,913,460	12,922,096	10,584,170	6,392,303	4,687,280	5,076,696
Acc. Net Cash without Interest (M B)	64,886	77,809	88,393	94,785	99,472	104,549
FIRR						
II. Net Cash Flow	12,913,460	12,922,096	10,584,170	6,392,303	4,687,280	5,076,696
						e garage
V. Accumulated Net Cash Flow (M B)	64,886	77,809	88,393	94,785	99,472	104,549
7						
Financing Assumption						<u> Alignapiak</u>
. Cash Balance (at Beginig)	51,973,010	64,886,470	77,808,566	88,392,736	94,785,039	99,472,319
.1 Cash from Operation	12,913,460	12,922,096	10,584,170	6,392,303	4,687,280	5,076,696
Long-term Debt		·				
.1 Borrowing			<u> </u>	<u> </u>		
.2 Amortization	0	0	0	0	0	0
. Cash Balance (at Ending)	64,886,470	77,808,566	88,392,736	94,785,039	99,472,319	104,549,015
. Total Amount of Borrowings					<u> </u>	Page 1 to 1
Total Own Final	·	···				
. Total Own Fund						
0		<u> </u>				

Term	24	25	26	27	28	20
Year	2016	2017	2018	2019	2020	29 2021
(Unit: Thousand Baht)						
Cash Flow Table						
I. Cash In-Flow	50.064.106	52.0(1.10(	52.04.406	70.041.04		
1. Operating Revenue	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426
1.1 Installation Fee	0	0	0	0	0	0
1.2 Subscription Fee	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311
1.3 Local Call Charge	24,466,903	24,466,903	24,466,903	24,466,903	24,466,903	24,466,903
1.4 Trunk Call Charge	17,366,537	17,366,537	17,366,537	17,366,537	17,366,537	17,366,537
1.5 Deposit	0	0	0	0	0	0
1.6 Public Telephone Usages	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162
1.7 Other Service	3,945,513	3,945,513	3,945,513	3,945,513	3,945,513	3,945,513
II. Cash Out-Flow	47,895,633	44,313,092	41,113,009	41,786,627	41,341,467	40,486,336
1. Capital Expenditure	16,292,113	12,745,255	9,447,290	10,028,425	9,493,180	8,536,057
1.1 Local Portion	8,480,101	6,279,144	4,267,991	4,699,871	4,290,559	3,562,436
1.2 Foreign Portion	7,812,012	6,466,111	5,179,299	5,328,553	5,202,621	4,973,621
2. Operating Expenditure	15,746,417	15,746,417	15,746,417	15,746,417	15,746,417	15,746,417
2.1 Staff Remuneration	8,386,304	8,386,304	8,386,304	8,386,304	8,386,304	8,386,304
2.2 Other Administrative Expenses	4,951,597	4,951,597	4,951,597	4,951,597	4,951,597	4,951,597
2.3 Repair & maintenance Expenses	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872
2.4 Bad Debt Expense	532,644	532,644	532,644	532,644	532,644	532,644
3. Working Capital	26,632,213	26,632,213	26,632,213	26,632,213	26,632,213	26,632,213
3.1 Working Capital Increase	0	0	0	0	0	0
4. Taxation	12,362,809	12,327,126	12,425,009	12,517,491	12,607,576	12,709,569
4.1 Remittance to the Treasury	9,059,642	9,023,959	9,121,842	9,214,325	9,304,410	9,406,402
4.2 VAT 7% (6.54% on 1.1, 2, 3, 4, 7)	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167
5. Interest	0	0	0	0	0	0
6. Bonus Payment	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293
Net Cash Flow without Interest	5,368,794	8,951,335	12,151,417	11,477,800	11,922,959	12,778,090
Acc. Net Cash without Interest (M B)	109,918	118,869	131,021	142,498	154,421	167,199
FIRR						
III. Net Cash Flow	5,368,794	8,951,335	12,151,417	11,477,800	11,922,959	12,778,090
				:		
IV. Accumulated Net Cash Flow (M B)	109,918	118,869	131,021	142,498	154,421	167,199
Financing Assumption						
1. Cash Balance (at Beginig)	104,549,015	109,917,809	118,869,143	131,020,560	142,498,360	154,421,319
1.1 Cash from Operation	5,368,794	8,951,335	12,151,417	11,477,800	11,922,959	12,778,090
2.Own Fund					, <u> </u>	
3. Long-term Debt						:
3.1 Borrowing	- 1					
3.2 Amortization	0	.0	0	0	0	0
4. Cash Balance (at Ending)	109,917,809			142,498,360		
5. Total Amount of Borrowings	107,717,007	110,000,110	101000000	11.201200		,-//,10/
3. Total Amount of Borrowings				.*		
6. Total Own Fund						
0				<u></u>		

Term	30	31	32	33	34	35
Year	2022	2023	2024	2025	2026	2027
(Unit: Thousand Baht) Cash Flow Table						
I. Cash In-Flow		7. 1.1				
1. Operating Revenue	53,264,426	53,264,420	53,264,420	53,264,426	53,264,426	37,556,723
1.1 Installation Fee	(	7	) (	) (	22,201,720	77,030,723
1.2 Subscription Fee	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311
1.3 Local Call Charge	24,466,903				1	
1.4 Trunk Call Charge	17,366,537					
1.5 Deposit	0				1	
1.6 Public Telephone Usages	2,773,162	2,773,162	2,773,162		<del> </del>	
1.7 Other Service	3,945,513					
			312.515.55	3,5,5,5,5	1 5,535,515	3,743,513
	11 11 11		<del> </del>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
II. Cash Out-Flow	41,801,435	43,621,332	44,122,240	44,093,112	43,317,185	-68,163,528
1. Capital Expenditure	9,748,039			7		73,386,049
1.1 Local Portion	3,190,593	1		T	<del></del>	1,373,520
1.2 Foreign Portion	6,531,964		T	1		4,044,087
2. Operating Expenditure	15,746,417			T		15,746,417
2.1 Staff Remuneration	8,386,304	8,386,304	1	1		8,386,304
2.2 Other Administrative Expenses	4,951,597	4,951,597			<del></del>	4,951,597
2.3 Repair & maintenance Expenses	1,875,872	1,875,872			1,875,872	1,875,872
2.4 Bad Debt Expense	532,644		1	1		532,644
3. Working Capital	26,632,213	26,632,213	26,632,213		26,632,213	26,632,213
3.1 Working Capital Increase	0	0	0	0	0	26,632,213
4. Taxation	12,812,686	12,758,440	12,721,625	12,684,533	12,643,843	12,614,023
4.1 Remittance to the Treasury	9,509,519	9,455,273	9,418,458	9,381,366	9,340,676	9,310,856
4.2 VAT 7% (6.54% on 1.1,.2,.3,.4,.7)	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167
5. Interest	0	0	0		0	0
6. Bonus Payment	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293
Net Cash Flow without Interest	11,462,991	9,643,094	9,142,186	9,171,314	9,947,242	105,720,252
Acc. Net Cash without Interest (M B)	178,662	188,305	197,448	206,619	216,566	322,286
FIRR						<u></u>
III. Net Cash Flow	11,462,991	9,643,094	9,142,186	9,171,314	9,947,242	105,720,252
· .					212.114.12	105,720,252
IV. Accumulated Net Cash Flow (M B)	178,662	188,305	197,448	206,619	216,566	322,286
					210,500	322,200
Financing Assumption						
1. Cash Balance (at Beginig)	167,199,409	178,662,400	188,305,494	197,447,680	206,618,993	216,566,235
1.1 Cash from Operation	11,462,991	9,643,094	9,142,186	9,171,314	9,947,242	105,720,252
2.Own Fund				2,3.1,511	2,711,212	105,720,252
3. Long-term Debt						
3.1 Borrowing				1 1 1 1		
3.2 Amortization	0	0	0	0	ō	
4. Cash Balance (at Ending)	178,662,400	188,305,494	197,447,680	206,618,993	216,566,235	322,286,487
5. Total Amount of Borrowings			, , , , , , , , , , , , , , , , , , , ,	200,010,773	2,0,000,000	244,600,401
0					. A . A . A . A . A . A . A . A . A . A	
5. Total Own Fund						
0				1.12		

16.3 Profit and Loss Statement of the Project without Financing Condition (1/4)

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lerm	0	Ţ,	2	3	4	2	9	7	∞	6
Year	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
(Unit: Thousand Baht)										
Income Statements (P/L)										
1. Operating Revenue		4,073,247	8,903,712	13,742,617	18,587,453	23,437,379	26,984,603	30,362,318	33,744,924	37,130,819
1.1 Installation Fee		1,662,688	1,662,403	1,662,090	1,661,745	1,661,365	1,094,633	1,094,174	1,093,669	1,093,113
1.2 Subscription Fee		223,346	670,000	1,116,574	1,563,059	2,009,447	2,379,656	2,673,674	2,967,564	3,261,311
1.3 Local Call Charge		1,223,998	3,616,697	5.971,992	8,308,175	10,633,129	12,547,052	14,053,945	15,558,693	17,061,512
1.4 Trunk Call Charge		705,669	2,177,983	3,689,626	5,220,556	6,762,309	8,112,163	9,266,128	10,421,358	11,577,432
1.5 Public Telephone Usages		78,985	240,236	407,482	580,161	758,091	933,324	1,106,387	1,285,029	1,467,992
1.6 Other Service		178,560	536,393	894,854	1,253,756	1,613,038	1,917,776	2,168,011	2,418,612	2,669,460
		:								
2. Operating Expenses		2,579,199	5,305,544	8,006,626	10,680,001	13,353,797	15,218,810	17,147,860	19,134,706	21,033,235
2.1 Administrative Expenses		887,843	1,680,532	2,442,503	3,200,227	3,967,585	4,548,074	5,154,887	5,791,421	6,461,205
2.2 Bad Debt Expenses		40,732	89,037	137.426	185,875	234,374	269,846	303,623	337,449	371,308
2.3 Repair and Maintenance Expenses		176,131	352,324	528,568	704,860	881,200	998,156	1,115,175	1,232,245	1,349,346
2.4 Depreciation		1,213,185	2,616,882	4,025,736	5,410,992	6,786,945	7,698,444	8,660,235	9,650,047	10,518,294
2.5 VAT 7%		261.307	566,769	872,392	1,178,047	1,483,692	1,704,289	1,913,939	2,123,545	2,333,082
3. Operating Income		1,494,048	3,598,167	5,735,991	7,907,451	10,083,582	11,765,793	13,214,459	14,610,219	16,097,584
				-						
4. Other Expenses										
4.1 Interest	0	0	0	0	0	0	0	0	0	0
5. Net Income before Tax	0	1,494,048	3,598,167	5,735,991	7,907,451	10,083,582	11,765,793	13,214,459	14,610,219	16,097,584
6. Accumulated Net Income (MB)	0.000	1,494.048	5,092.215	10,828,207	18,735.658	28,819,240	40,585.033	53,799.492	68,409.711	84,507.295
7. Tax (Remittance to the Treasury)	0	597,619	1,439,267	2,294,396	3,162,981	4,033,433	4,706,317	5,285,784	5,844,087	6,439,034
5		307,000	000000	200 000						00000
8. Net Income after Tax	0	896,429	2,158,900	3,441,595	4,744,471	6,050,149	7,059,476	7.928,675	8,766,131	9,658,550
4			010 201	1000	10000	000	C	0,00	136 200	2101201
2. Bonus Faymeni			17,0,7	314,721	430,307	228,192	8/6:530	C17,161	100,126	oro, 100,1
10. Net Income after Tax and Bonus	0	896.429	1,982,683	3,128,874	4,308,103	5,491,957	6,375,498	7,131,460	7,844,780	8,600,735

16-3 Profit and Loss Statement of the Project without Financing Condition (2/4)

Vear         2002         2003         2004         2005         2006           (Unit: Thousand Bahr)         1.00cm Statements (PL)         2003         2004         2005         2006           1. Operating Revenue         40,520,023         43,088,226         45,511,168         47,931,813         50,357,127           1.1 Installation Fee         1,092,502         754,012         733,273         772,459         753,549           1.2 Subscription Fee         3,554,901         3,802,441         2,005,411         4,007,073         4,007,070           1.2 Subscription Fee         1,655,492         1,855,492         1,857,471         2,840,08         2,254,514           1.5 Public Telephone Usages         1,653,402         1,873,602         1,873,602         2,044,717         2,247,01         2,454,614           1.6 Other Service         2,203,606         23,757,136         24,592,80         2,549,866         26,407,911           2.1 Administrative Expenses         1,165,133         7,759,119         8,387,075         9,053,538         9,768,433           2.2 Bad Debt Expenses         1,165,133         7,759,119         8,387,075         9,053,538         9,768,433           2.2 Marting Income         1,1352,627         1,136,932         2,843,600	2003		6 2007	2008	2009	0100	2011
Path   Path	43,088,256			2000	2		
Expenses 1,052,023 43,088,256 45,311,168 47,937,813 5 5 2 2 35,54,901 3,802,940 4,005,411 4,207,673 arge 18,562,541 19,829,418 20,862,442 21,894,098 2 12,724,031 13,718,354 14,529,926 15,241,080 1 10,055,005 11,005,411 4,207,673 arge 12,724,031 13,718,354 14,529,926 15,241,080 1 10,055,006 Usages 1,2656,492 1,847,662 2,044,717 2,247,291 arges 2,925,506 23,757,136 24,529,926 15,241,947 2,247,291 47,9378 arges 2,925,506 23,757,136 24,529,926 15,249,080 1 11,358,007 11,359,008 11,301,008 11,30	43,088,256					7777	7707
2,524,501   2,520,23   2,30,88,256   45,511,168   47,937,813   5,20   1,022,502   754,012   753,273   752,459   2,20   2,224,201   3,802,940   4,005,411   4,207,673   2,222,542   12,734,031   13,718,354   14,529,266   15,341,080   1,055,492   1,847,662   2,044,717   2,247,291   2,920,557   3,135,870   3,315,400   3,495,211   2,920,557   3,135,870   3,315,400   3,495,211   2,920,557   3,135,870   3,315,400   3,495,211   2,920,558   2,920,557   3,135,870   3,315,400   3,495,211   2,920,558   2,920,557   1,230,877   1,276,979   1,279,844   1,252,629   1,548,275   1,630,105   1,711,986   1	43,088,256						
re         1,092,502         754,012         733,773         752,459           re         3,554,901         3,802,940         4,005,411         4,207,673           re         3,554,901         3,802,941         20,862,442         21,894,098         2           sarge         12,734,031         13,718,354         14,529,926         15,341,080         1           one Usages         1,655,492         1,847,662         2,044,717         2,247,291         2,315,400         3,495,211           mses         2,220,557         3,135,870         3,315,400         3,495,211         2,247,291           enses         2,220,550         23,757,136         24,592,870         3,495,211         479,378           enses         405,200         430,883         455,112         479,378         7759,844         1           enses         11,352,629         1,348,275         1,630,105         1,711,986         1           enses         11,352,629         1,348,275         1,630,105         1,711,986         1           enses         11,352,629         1,348,275         1,259,844         1         1           enses         1,7585,017         19,331,120         20,918,298         22,441,947         2		<u> </u>	7.127 52.798.404	53 264 426	53 264 426	52 254 426	300 830 EZ
ce         3,254,901         3,802,940         4,005,411         4,207,673           arge         18,562,541         19,829,418         20,862,442         21,894,098         2           carge         12,734,031         13,718,354         14,529,926         15,341,080         1           one Usages         1,655,492         1,847,662         2,044,717         2,247,291           carses         2,220,557         3,135,870         3,315,400         3,495,211           anses         2,220,557         3,135,870         3,315,400         3,495,211           carses         405,200         430,883         455,112         479,378           sintenance Expenses         1,466,504         1,548,275         1,620,105         1,711,986           intenance Expenses         1,466,504         1,548,275         1,620,105         1,711,986           intenance Expenses         1,466,504         1,548,275         1,620,105         1,711,986           intenance Expenses         1,466,504         1,548,275         1,620,107         1,711,986           ne         1,7585,017         19,331,120         20,918,298         22,441,947         2           et the Treasury         7,034,007         7,732,448         8,367,319	754,012			_	0	0	027,502,00
arge         18.562.541         19.829.418         20.862,442         21.894.098           narge         12.734.031         13.718.354         14.529.926         15.341.080           one Usages         1.655.492         1.847.662         2.044.717         2.247.291           nses         2.920.557         3.135.870         3.315.400         3.495.211           nses         2.2935.006         23.757.136         24.592.870         2.5405.866           e Expenses         7.168.133         7.759.119         8.387.075         9.055.558           enses         405.200         430,883         455,112         479,378           aintenance Expenses         1,466.504         1,548.275         1,630,105         1,711,986           ne         17,585.017         19,331,120         20,918,298         22,441,947         25,441,947           or         Tax         17,585,017         19,331,120         20,918,298         22,441,947         22,441,947           et Income (M B)         102,092,312         17,132,448         8,357,319         8,976,779           rTax         10,551,010         1,732,448         1,530,106         1,701,755           at Tax         1,208,100         1,373,798         1,530,106         1	3,802,940		4	4.712.311	4.712.311	4712311	4 712 211
narge         12,734,031         13,718,354         14,529,926         15,341,080           one Usages         1,655,492         1,847,662         2,044,717         2,247,291           nases         2,920,557         3,135,870         3,315,400         3,495,211           nases         22,935,006         23,757,136         24,592,870         25,495,866           e Expenses         7,168,133         7,759,119         8,387,075         9,055,558           enises         405,200         430,883         455,112         479,378           aintenance Expenses         1,466,504         1,548,275         1,630,105         1,711,986           ne         11,352,629         11,320,877         11,276,979         11,259,844           ne         17,585,017         19,331,120         20,918,298         22,441,947           et Income (MB)         102,092,312         121,423,41730         164,783,677         1           et othe Treasury         7,034,007         7,732,448         8,367,319         8,976,779           rTax         10,2631,010         11,598,672         12,550,979         13,465,168           rTax         1,208,100         1,373,798         1,530,106         1,701,755	19,829,418	Ĺ.,	2	24.466.903	24 466 903	24 466 903	24 466 ON2
one Usages         1,655,492         1,847,662         2,044,717         2,247,291           nases         2,920,557         3,135,870         3,315,400         3,495,211           nases         22,935,006         23,757,136         24,592,870         25,495,866           e Expenses         7,168,133         7,759,119         8,387,075         9,055,558           enses         405,200         430,883         455,112         479,378           sintenance Expenses         1,466,504         1,548,275         1,630,105         1,711,986           ne         11,352,629         1,548,275         1,630,105         1,711,986           ne         17,585,017         19,331,120         20,918,298         22,441,947           or         0         0         0         0         0           e to the Treasury         7,034,007         7,732,448         8,367,319         8,976,779           r Tax         10,551,010         11,598,672         12,550,979         13,465,168         1	13,718,354				17.366.537	17 366 537	17 366 537
mases 22,935,006 23,757,136 24,592,870 25,495,2816 2 2 22,935,006 23,757,136 24,592,870 25,495,866 2 2 22,935,006 23,757,136 24,592,870 25,495,866 2 2 22,935,006 430,883 455,112 479,378 21,320,872 11,230,872 11,230,872 11,230,872 11,230,872 11,230,872 11,230,872 11,230,872 11,230,872 11,230,872 11,230,872 11,230,872 11,230,872 11,230,872 11,259,844 11,259,844 11,2585,017 19,331,120 20,918,298 22,441,947 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1,847,662				2,773,162	2.773.162	2.773.162
mases         22,935,006         23,757,136         24,592,870         25,495,866         2           enses         7,168,133         7,759,119         8,387,075         9,055,558         2           enses         405,200         430,883         455,112         479,378         479,378           aintenance Expenses         1,466,504         1,548,275         1,630,105         1,711,986         1           ne         11,352,629         11,320,877         11,276,979         11,259,844         1           ne         17,585,017         19,331,120         20,918,298         22,441,947         2           ore Tax         17,585,017         19,331,120         20,918,298         22,441,947         2           et Income (MB)         102,092,312         121,423,432         142,341,730         164,783,677         18           et the Treasury         7,034,007         7,732,448         8,367,319         8,976,779         2           et that         12,081,000         1,373,798         1,2530,979         13,465,168         1	3,135,870				3,945,513	3,945,513	3.945.513
mises         22,935,006         23,757,136         24,592,870         25,495,866         2           e Expenses         7,168,133         7,759,119         8,387,075         9,055,558         2           emses         405,200         430,883         455,112         479,378         479,378           emitemance Expenses         1,466,504         1,548,275         1,630,105         1,711,986         1           internance Expenses         1,466,504         1,548,275         1,630,105         1,711,986         1           internance Expenses         1,466,504         1,548,275         1,630,105         1,1208,100         2,843,600         2,989,100           internance Expenses         1,7585,017         19,331,120         20,918,298         22,441,947         2           or Tax         17,585,017         19,331,120         20,918,298         22,441,947         2           et Income (M B)         102,092,312         121,423,432         142,341,730         164,783,677         18           et othe Treasury         7,034,007         7,732,448         8,3567,319         8,976,779         2           et othe Tax         10,551,010         1,373,798         1,530,106         1,701,755         1,701,755				:			
e Expenses 7,168,133 7,759,119 8,387,075 9,055,558 enses 405,200 430,883 455,112 479,378 internance Expenses 1,466,504 1,548,275 1,630,105 1,711,986 1,352,629 11,320,877 11,276,979 11,259,844 1 2,542,539 2,697,983 2,843,600 2,989,100 ne Tax 17,585,017 19,331,120 20,918,298 22,441,947 2 et Income (M B) 102,092,312 121,423,432 142,341,730 164,783,677 18 et ot the Treasury) 7,034,007 7,732,448 8,367,319 8,976,779 ar Tax 10,551,010 11,598,672 12,550,979 13,465,168 1.	23,757,136		7,911 27,330,632	30,194,561	30,212,653	30,210,314	30.282.702
enses 405,200 430,883 455,112 479,378 internance Expenses 1,466,504 1,548,275 1,630,105 1,711,986 1,352,629 11,320,877 11,276,979 11,259,844 1 2,542,539 2,697,983 2,843,600 2,989,100 ne Tax 17,585,017 19,331,120 20,918,298 22,441,947 2 et Income (M B) 102,092,312 121,423,438 8,367,319 8,976,779 2 r Tax 10,551,010 11,598,672 12,550,979 13,465,168 1 1,208,100 1,373,798 1,530,106 1,701,755	7,759,119	•	3,433 10,529,969	13,337,901	13,337,901	13,337,901	13.337.901
intenance Expenses 1466,504 1,548,275 1,630,105 1,711,986  11,352,629 11,320,877 11,276,979 11,259,844 1  2,542,539 2,697,983 2,843,600 2,989,100  ne 17,585,017 19,331,120 20,918,298 22,441,947 2  et Income (M B) 102,092,312 121,423,431,730 164,783,677 18  r Tax 10,551,010 11,598,672 12,550,979 13,465,168 1  1,208,100 1,373,798 1,530,106 1,701,755	430,883		503,671 527,984	532,644	532,644	532,644	\$32,644
ne 11,352,629 11,320,877 11,276,979 11,259,844  2,542,539 2,697,983 2,843,600 2,989,100  ore Tax 17,585,017 19,331,120 20,918,298 22,441,947  et Income (M B) 102,092,312 121,423,438 8,367,319 8,976,779  et Othe Treasury) 7,034,007 7,732,448 8,367,319 8,976,779  et Tax 10,551,010 11,598,672 12,550,979 13,465,168	1,548,275		3,907 1,875,872	1,875,872	1.875.872	1.875.872	1 875 877
ne         2.542.539         2.697.983         2.843.600         2.989.100           ne         17.585.017         19.331,120         20.918.298         22.441.947           ore Tax         0         0         0         0         0         0           et Income (M B)         102.092.312         121,423.432         142,341.730         164,783.677           et ot the Treasury)         7,034,007         7,732,448         8,367,319         8,976,779           ar Tax         10.551,010         11,598.672         12,550,979         13,465,168           1,208,100         1,373,798         1,530,106         1,701,755	11,320,877	11	,207,436 11,117,134	11,144,977	11.163.069	11.160.729	11 233 118
ne         17,585,017         19,331,120         20,918,298         22,441,947           ore Tax         0         0         0         0         0         0           et Income (M B)         102,092,312         121,423,432         142,341,730         164,783,677         164,783,677           e to the Treasury)         7,034,007         7,732,448         8,367,319         8,976,779           r Tax         10,551,010         11,598,672         12,550,979         13,465,168           r Tax         1,208,100         1,373,798         1,530,106         1,701,755	2,697,983		1,463 3,279,673	3,303,167	3,303,167	3.303.167	3.303.167
ore Tax 17,585,017 19,331,120 20,918,298 22,441,947 et Income (M B) 102,092,312 121,423,432 142,341,730 164,783,677 et to the Treasury) 7,034,007 7,732,448 8,367,319 8,976,779 rTax 10,551,010 11,598,672 12,550,979 13,465,168 1,701,755	19,331,120	2	Ġ	23,069,865	23.051.773	23.054.113	22 981 724
ove Tax 17,585,017 19,331,120 20,918,298 22,441,947 et Income (M B) 102,092,312 121,423,432 142,341,730 164,783,677 et othe Treasury) 7,034,007 7,732,448 8,367,319 8,976,779 at Tax 10,551,010 11,598,672 12,550,979 13,465,168 1,701,755							
ore Tax 17,585,017 19,331,120 20,918,298 22,441,947 et Income (M B) 102,092,312 121,423,432 142,341,730 164,783,677 et to the Treasury) 7,034,007 7,732,448 8,367,319 8,976,779 ar Tax 10,551,010 11,598,672 12,550,979 13,465,168 1,701,755							
et Income (M B) 102,092.312 121,423.432 142,341,730 164,783.677 et to the Treasury) 7,034,007 7,732,448 8,367,319 8,976,779 rTax 10,551,010 11,598,672 12,550,979 13,465,168 1,701,755	0	0	0	0	c	C	Ċ
et Income (M B) 102,092.312 121,423.432 142,341.730 164,783.677 et the Treasury) 7,034,007 7,732,448 8,367,319 8,976,779 Tax 10,551,010 11,598,672 12,550,979 13,465,168 1,701,755							
et Income (M B) 102,092.312 121,423.432 142,341,730 164,783.677  e to the Treasury) 7,034,007 7,732,448 8,367,319 8,976,779  r Tax 10,551,010 11,598,672 12,550,979 13,465,168  1,208,100 1,373,798 1,530,106 1,701,755	19,331,120		3,217 25,467,772	23.069.865	23.051.773	23.054.113	27 081 774
e to the Treasury) 7,034,007 7,732,448 8,367,319 8,976,779  *Tax 10,551,010 11,598,672 12,550,979 13,465,168  1,208,100 1,373,798 1,530,106 1,701,755	121,423,432		894 214,210.665	237,280,531	<u>.                                    </u>		306 368 141
r Tax 10,551,010 11,598,672 12,550,979 13,465,168 1,208,100 1,373,798 1,530,106 1,701,755						ļ	
r Tax 10,551,010 11,598,672 12,550,979 13,465,168 1,208,100 1,373,798 1,530,106 1,701,755	7,732,448		,687 10,187,109	9,227,946	9,220,709	9.221.645	9,192,690
r Tax 10,551,010 11,598,672 12,550,979 13,465,168 1,208,100 1,373,798 1,530,106 1,701,755							
1,208,100 1,373,798 1,530,106 1,701,755	11,598,672		,530 15,280,663	13,841,919	13,831,064	13.832.468	13.789.035
1,208,100 1,373,798 1,530,106 1,701,755					1		
	1.373,798		,233 2,097,164	2,324,322	3,494,293	3,494,293	3.494.293
10. Net Income after Tax and Bonus 9342,910 10,224,874 11,020,873 11,763,413 12,485,297	- 1		297 13,183,500	11,517,598	10,336,771	10,338,174	10,294,741

16-3 Profit and Loss Statement of the Project without Financing Condition (3/4)

Term	20	21	22	23	24	25	26	27	28	29
Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(Unit: Thousand Baht)										
Income Statements (P/L)										
1. Operating Revenue	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426
1.1 Installation Fee	0	0	0	0	0	0	0	0	0	0
1.2 Subscription Fee	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311
1.3 Local Call Charge	24,466,903	24,466,903	24,466,903	24,466,903	24,466,903	24,466,903	24,466,903	24,466,903	24,466,903	24,466,903
1.4 Trunk Call Charge	17,366,537	17,366,537	17,366,537	17,366,537	17,366,537	17366,537	17,366,537	17,366,537	17,366,537	17,366,537
1.5 Public Telephone Usages	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162
1.6 Other Service	3,945,513	3,945,513	3,945,513	3,945,513	3,945,513	3,945,513	3,945,513	3,945,513	3,945,513	3,945,513
										•
2. Operating Expenses	30,357,904	30,392,477	30,470,650	30,544,416	30,615,321	30,704,529	30,459,820	30,228,615	30,003,402	29,748,422
2.1 Administrative Expenses	13,337,901	13,337,901	13,337,901	13,337,901	13,337,901	13,337,901	13,337,901	13,337,901	13,337,901	13,337,901
2.2 Bad Debt Expenses	532,644	532,644	532,644	532,644	532,644	532,644	532,644	532,644	532,644	532,644
2.3 Repair and Maintenance Expenses	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872
2.4 Depreciation	11,308,320	11,342,893	11,421,066	11,494,832	11,565,736	11,654,945	11,410,236	11,179,030	10,953,818	10,698.838
2.5 VAT 7%	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167
3. Operating Income	22,906,522	22,871,949	22,793,776	22,720,010	22,649,106	22,559,897	22,804,606	23,035,812	23,261,024	23,516,004
4. Other Expenses					:					
4.1 Interest	0	0	0	0	0	0	0	0	0	0
5. Net Income before Tax	22,906,522	22,871,949	22,793,776	22,720,010	22,649,106	22,559,897	22,804,606	23,035,812	23,261,024	23,516,004
6. Accumulated Net Income (MB)	329,274.663	352,146.612	374,940.388	397,660.398	420,309.504	442,869.401	465,674.007	488,709.819	511,970.843	535,486.847
							:			
7. Tax (Remittance to the Treasury)	9,162,609	9,148,780	9,117,510	9,088,004	9,059,642	9,023,959	9,121,842	9,214,325	9,304,410	9,406,402
8. Net Income after Tax	13,743,913	13,723,169	13,676,266	13,632,006	13,589,463	13,535,938	13,682,764	13,821,487	13,956,614	14.109,603
9. Bonus Payment	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293
10. Net Income after Tax and Bonus	10,249,620	10,228,876	10,181,972	10,137,713	10,095,170	10,041,645	10,188,470	10,327,194	10,462,321	10,615,309

16-3 Profit and Loss Statement of the Project without Financing Condition (4/4)

Term	30	31	32	33	77.	35	r
Year	2022	2023	2024	2005	2006	2002	<b>-</b> -
(Unit: Thousand Baht)				2	0707	7707	
Income Statements (P/L)							Т
1. Operating Revenue	53,264,426	53,264,426	53.264.426	53 264 426	53 264 426	301 13C 53	
1.1 Installation Fee	0			L	L		77
1.2 Subscription Fee	4,712,311	4,712,311	4,712,311	4.712.311	4 712 31	4717311	<del></del>
1.3 Local Call Charge	24,466,903	24,465,903	24,466,903	2	24.466.903	[°	
1.4 Trunk Call Charge	17,366,537	17,366,537	17,366,537	L	1		.1 -
1.5 Public Telephone Usages	2,773,162	2,773,162	2,773,162				1
1.6 Other Service	3,945,513	3,945,513	3,945,513		3.945.513		
							<del></del>
2. Operating Expenses	29,490,628	29,626,244	29.718,282	29,811,012	29.912.735	29.987.286	
2.1 Administrative Expenses	13,337,901	13,337,901	13,337,901	13,337,901	13,337,901	13.337.901	<del></del>
2.2 Bad Debt Expenses	532,644	532,644	532,644	532,644	532.644	532.644	<del></del>
2.3 Repair and Maintenance Expenses	1,875,872	1,875,872	1,875,872	1.875.872	1.875.872	1 875 872	
2.4 Depreciation	10,441,044	10,576,660	10,668,698	10,761,428	10.863.151	10.937.702	
2.5 VAT 7%	3,303,167	3,303,167	3,303,167	3,303,167	3.303.167	3 303 167	
3. Operating Income	23,773,798	23,638,182	23,546,145	23,453,414	23.351.691	23 277 140	·
							·
4. Other Expenses				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
4.1 Interest	0	0	0	0	0		
5. Net Income before Tax	23,773,798	23,638,182	23,546,145	23,453,414	23.351.691	23.277.140	
6. Accumulated Net Income (M B)	559,260.645	582,898.828	606,444,972	629,898,386	653,250,077	676.527.218	
							-
7. Tax (Remittance to the Treasury)	9,509,519	9,455,273	9,418,458	9381366	9,340,676	9310.856	
8. Net Income after Tax	14,264,279	14,182,909	14,127,687	14,072,049	14,011,015	13.966.284	
					15 T		
9. Bonus Payment	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	
10. Net Income after Tax and Bonus	10,769,986	10,688,616	10,633,394	10,633,394 10,577,755 10,516,721	10,516,721	10,471,991	
					**********	1	1777

Term	0 [	1	2	3	4	5
Year	1992	1993	1994	1995	1996	1997
(Unit: Thousand Baht)						
Cash Flow Table I. Cash In-Flow						
		- F F CO OO 1	10.200.421	15 021 050	20,025 592	24.025.169
1. Operating Revenue	0	5,562,221	10,392,431	15,231,056	20,075,582	24,925,168
1.1 Installation Fee		1,662,688	1,662,403	1,662,090	1,661,745	1,661,365
1.2 Subscription Fee		223,346	670,000	1,116,574	1,563,059	2,009,447
1.3 Local Call Charge		1,223,998	3,616,697	5,971,992	8,308,175	10,633,129
1.4 Trunk Call Charge		705,669	2,177,983	3,689,626	5,220,556	6,762,309
1.5 Deposit		1,488,975	1,488,719	1,488,438	1,488,130	1,487,790
1.6 Public Telephone Usages		78,985	240,236	407,482	580,161	758,091
1.7 Other Service		178,560	536,393	894,854	1,253,756	1,613,038
II. Cash Out-Flow	8,415,140	22,899,341	27,917,364	30,830,248	33,428,036	32,430,501
1. Capital Expenditure	7,995,140	17,576,704	19,217,251	19,014,787	18,730,633	15,229,576
1.1 Local Portion	3,231,709	7,623,763	8,869,849	8,591,949	8,376,258	6,361,306
1.2 Foreign Portion	4,763,431	9,952,941	10,347,402	10,422,839	10,354,375	8,868,270
2. Operating Expenditure		1,104,707	2,121,893	3,108,498	4,090,962	5,083,159
2.1 Staff Remuneration		422,923	750,530	1,047,282	1,339,661	1,641,548
2.2 Other Administrative Expenses		464,920	930,002	1,395,222	1,860,566	2,326,037
2.3 Repair & maintenance Expenses		176,131	352,324	528,568	704,860	881,200
2.4 Bad Debt Expense		40,732	89,037	137,426	185,875	234,374
3. Working Capital		2,036,623	4,451,856	6,871,309	9,293,726	11,718,689
3.1 Working Capital Increase		2,036,623	2,415,232	2,419,453	2,422,418	2,424,963
4. Taxation		261,307	566,769	1,294,789	2,069,942	3,105,467
4.1 Remittance to the Treasury		0	o	422,396	891,895	1,621,776
4.2 VAT 7% (6.54% on 1.1,.2,.3,.4,.7)		261,307	566,769	872,392	1,178,047	1,483,692
5. Interest	420,000	1,920,000	3,420,000	4,680,000	5,677,714	6,029,143
6. Bonus Payment		0	176,218	312,721	436,367	558,192
Net Cash Flow without Interest	-7,995,140	-15,417,119	-14,104,933	-10,919,192	-7,674,740	-1,476,189
Acc. Net Cash without Interest (M B)	7,995	-23,412	-37,517	-48,436	-56,111	-57,587
FIRR	11.79%					
III. Net Cash Flow	-8,415,140	-17,337,119	-17,524,933	-15,599,192	-13,352,454	-7,505,332
	_:	<u> </u>				
IV. Accumulated Net Cash Flow (M B)	-8,415	-25,752	-43,277	-58,876	-72,229	-79,734
Financing Assumption						
1. Cash Balance (at Beginig)		84,860	247,741	222,807	123,615	85,447
1.1 Cash from Operation	-8,415,140	-17,337,119	-17,524,933	-15,599,192	-13,352,454	-7,505,332
2.Own Fund	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
3. Long-term Debt						
3.1 Borrowing	3,500,000	12,500,000	12,500,000	11,000,000	10,600,000	7,000,000
3.2 Amortization	0	0	0	500,000	2,285,714	4,071,429
4. Cash Balance (at Ending)	84,860	247,741	222,807	123,615	85,447	508,686
5. Total Amount of Borrowings						
73,100,000						
6. Total Own Fund						
42,000,000	36.49%					
42,000,000	30.7770			<del> </del>	<del> </del>	

Term	T 6	7	8	9	10	11
Year	1998	1999	2000	2001	2002	2003
AND THE PROPERTY OF THE PROPER	· · · · · · · · · · · · · · · · · · ·					a nejve dravit mer v renderad er 2000 er en 2
(Unit: Thousand Baht) Cash Flow Table					<del></del>	
I. Cash In-Flow	<b></b>					
1. Operating Revenue	27,964,871	31,342,175	34,724,329	38,109,726	41,498,383	43,763,490
1.1 Installation Fee	1,094,633	1,094,174	1,093,669	1,093,113	1,092,502	754,012
1.2 Subscription Fee	2,379,656	2,673,674	2,967,564	3,261,311	3,554,901	3,802,940
1.3 Local Call Charge	12,547,052	14,053,945	15,558,693	17,061,512	18,562,541	19,829,418
1.4 Trunk Call Charge	8,112,163	9,266,128	10,421,358	11,577,432	12,734,031	13,718,354
1.5 Deposit	980,268	979,857	979,405	978,907	978,360	675,235
1.6 Public Telephone Usages	933,324	1,106,387	1,285,029	1,467,992	1,655,492	1,847,662
1.7 Other Service	1,917,776	2,168,011	2,418,612	2,669,460	2,920,557	3,135,870
II. Cash Out-Flow	30,425,068	32,443,265	33,125,744	33,212,414	33,325,255	33,632,816
1. Capital Expenditure	12,169,594	12,767,898	12,067,772	10,885,848	9,838,513	9,405,281
1.1 Local Portion	4,508,973	4,914,493	4,494,917	3,752,660	3,350,258	3,403,800
1.2 Foreign Portion	7,660,621	7,853,405	7,572,854	7,133,188	6,488,255	6,001,482
2. Operating Expenditure	5,816,076	6,573,686	7,361,114	8,181,859	9,039,837	9,738,276
2.1 Staff Remuneration	1,913,317	2,211,243	2,538,758	2,899,440	3,297,115	3,672,254
2.2 Other Administrative Expenses	2,634,757	2,943,644	3,252,663	3,561,765	3,871,018	4,086,864
2.3 Repair & maintenance Expenses	998,156	1,115,175	1,232,245	1,349,346	1,466,504	1,548,275
2.4 Bad Debt Expense	269,846	303,623	337,449	371,308	405,200	430,883
3. Working Capital	13,492,302	15,181,159	16,872,462	18,565,409	20,260,012	21,544,128
3.1 Working Capital Increase	1,773,612	1,688,858	1,691,303	1,692,947	1,694,602	1,284,116
4. Taxation	4,029,807	4,922,466	5,889,918	7,024,230	8,264,775	9,496,488
4.1 Remittance to the Treasury	2,325,517	3,008,526	3,766,373	4,691,148	5,722,236	6,798,505
4.2 VAT 7% (6.54% on 1.1, 2, 3, 4, 7)	1,704,289	1,913,939	2,123,545	2,333,082	2,542,539	2,697,983
5. Interest	5,952,000	5,693,143	5,194,286	4,369,714	3,279,429	2,334,857
6. Bonus Payment	683,978	797,215	921,351	1,057,816	1,208,100	1,373,798
Net Cash Flow without Interest	3,491,803	4,592,053	6,792,871	9,267,026	11,452,556	12,465,531
Acc. Net Cash without Interest (M B)	-54,096	-49,503	-42,711	-33,444	-21,991	9,525
FIRR						<u>i tulim</u>
III. Net Cash Flow	-2,460,197	-1,101,090	1,598,585	4,897,312	8,173,128	10,130,674
IV. Accumulated Net Cash Flow (M B)	-82,194	-83,295	-81,697	-76,800	-68,626	-58,496
-8 <sup>22</sup> \/+4 <sup>2</sup>			· · · · · · · · · · · · · · · · · · ·			
Financing Assumption						N 1, 1/2 S 2, 1/2 B
1. Cash Balance (at Beginig)	508,686	405,632	147,400	588,842	614,725	702,138
1.1 Cash from Operation	-2,460,197	-1,101,090	1,598,585	4,897,312	8,173,128	10,130,674
2.Own Fund	3,000,000	3,000,000	3,000,000	2,000,000	1,000,000	<u> </u>
3. Long-term Debt						
3.1 Borrowing	5,000,000	5,000,000	4,000,000	2,000,000		
3.2 Amortization	5,642,857	7,157,143	8,157,143	8,871,429	9,085,714	7,871,429
4. Cash Balance (at Ending)	405,632	147,400	588,842	614,725	702,138	2,961,384
5. Total Amount of Borrowings						
73,100,000						
6. Total Own Fund						
42,000,000						

Term	12	13	14	15	16	17
Year	2004	2005	2006	2007	2008	2009
	:					
(Unit: Thousand Baht)						
Cash Flow Table I. Cash In-Flow						
1. Operating Revenue	46,185,741	48,611,657	51,040,170	53,470,565	53,264,426	53,264,426
1.1 Installation Fee	753,273	752,459	751,564	750,580	<u> </u>	33,204,420) 0
				4,611,487	4,712,311	4,712,311
1.2 Subscription Fee	4,005,411	4,207,673	4,409,706			24,466,903
1.3 Local Call Charge		21,894,098	22,924,310	23,952,986	24,466,903	
1.4 Trunk Call Charge	14,529,926	15,341,080	16,151,706	16,961,692	17,366,537	17,366,537
1.5 Deposit	674,572	673,844	673,043	672,161	2 772 160	0 277 160
1.6 Public Telephone Usages	2,044,717	2,247,291	2,454,614	2,666,264	2,773,162	2,773,162
1.7 Other Service	3,315,400	3,495,211	3,675,227	3,855,394	3,945,513	3,945,513
II. Cash Out-Flow	35,332,737	36,548,393	37,345,990	38,466,447	39,328,351	40,192,613
1. Capital Expenditure	9,965,792	9,823,944	9,096,938	8,557,610	8,411,202	8,407,455
1.1 Local Portion	3,809,476	3,690,660		1,845,127	826,604	832,930
1.2 Foreign Portion	6,156,317	6,133,283	5,966,165	6,681,337	7,480,907	7,492,161
2. Operating Expenditure	10,472,292	11,246,922		12,933,825	15,746,417	15,746,417
2.1 Staff Remuneration	4,084,211	4,536,559		5,578,372	8,386,304	8,386,304
2.2 Other Administrative Expenses	4,302,864	4,519,000	4,735,240	4,951,597	4,951,597	4,951,597
2.3 Repair & maintenance Expenses	1,630,105	1,711,986		1,875,872	1,875,872	1,875,872
2.4 Bad Debt Expense	455,112			527,984	532,644	532,644
3. Working Capital	22,755,584	23,968,906	1	26,399,202	26,632,213	26,632,213
3.1 Working Capital Increase	1,211,456		<u> </u>	1,215,638	233,011	0
4. Taxation	10,582,805	11,568,164	7	13,336,496	12,476,256	12,510,162
4.1 Remittance to the Treasury	7,739,205	8,579,064	9,343,687	10,056,823	9,173,089	9,206,995
4.2 VAT 7% (6.54% on 1.1, 2, 3, 4, 7)	2,843,600	2,989,100		3,279,673	3,303,167	3,303,167
5. Interest	1,570,286		1	325,714	137,143	34,286
6. Bonus Payment	1,530,106			2,097,164	2,324,322	3,494,293
Net Cash Flow without Interest	12,423,290			15,329,832	14,073,218	13,106,099
Acc. Net Cash without Interest (MB)	2,898	15,955		45,579	59,653	72,759
FIRR	2,070	20,000	30,200			
III. Net Cash Flow	10,853,004	12,063,264	13,694,180	15,004,118	13,936,075	13,071,813
IV. Accumulated Net Cash Flow (M B)	-47,643	-35,579	-21,885	-6,881	7,055	20,127
Financing Assumption						
1. Cash Balance (at Beginig)	2,961,384	I '		25,114,689	37,833,093	50,197,740
1.1 Cash from Operation	10,853,004	12,063,264	13,694,180	15,004,118	13,936,075	13,071,813
2.Own Fund						
3. Long-term Debt						
3.1 Borrowing						
3.2 Amortization	6,371,429	4,800,000	1"	1	1	
4. Cash Balance (at Ending)	7,442,959	14,706,223	25,114,689	37,833,093	50,197,740	62,412,410
5. Total Amount of Borrowings	F 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					<u> </u>
73,100,000					<u> </u>	
6. Total Own Fund						
42,000,000						

Tenn	18	19	20	21	22	23
Year	2010	2011	2012	2013	2014	2015
(Unit: Thousand Baht)						
Cash Flow Table I. Cash In-Flow						
1. Operating Revenue	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426
1.1 Installation Fee	0	0	0	0	0	0
1.2 Subscription Fcc	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311
1.3 Local Call Charge	24,466,903	24,466,903	24,466,903	24,466,903	24,466,903	24,466,903
1.4 Trunk Call Charge	17,366,537	17,366,537	17,366,537	17,366,537	17,366,537	17,366,537
1.5 Deposit	0	0	0	0	0	0
1.6 Public Telephone Usages	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162
1.7 Other Service	3,945,513	3,945,513	3,945,513	3,945,513	3,945,513	3,945,513
1.7 Outer Service	3,743,313	5,7-5,515				
II. Cash Out-Flow	40,350,966	40,342,330	42,680,256	46,872,123	48,577,147	48,187,730
1. Capital Expenditure	8,585,444	8,605,763	10,973,770	15,179,466	16,915,759	16,555,849
1.1 Local Portion	837,505	842,461	3,639,825	7,653,955	8,962,576	8,690,172
1.2 Foreign Portion	7,500,302	7,509,120	7,302,854	7,496,056	7,938,455	7,865,676
2. Operating Expenditure	15,746,417	15,746,417	15,746,417	15,746,417	15,746,417	15,746,417
2.1 Staff Remuneration	8,386,304	8,386,304	8,386,304	8,386,304	8,386,304	8,386,304
2.2 Other Administrative Expenses	4,951,597	4,951,597	4,951,597	4,951,597	4,951,597	4,951,597
2.3 Repair & maintenance Expenses	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872
2.4 Bad Debt Expense	532,644	532,644	532,644	532,644	532,644	532,644
3. Working Capital	26,632,213	26,632,213	26,632,213	26,632,213	26,632,213	26,632,213
	20,052,215	20,032,213	0	0	20,032,213	20,002,00
3.1 Working Capital Increase 4. Taxation	12,524,812	12,495,857	12,465,776	12,451,946	12,420,677	12,391,171
4.1 Remittance to the Treasury	9,221,645	9,192,690	9,162,609	9,148,780	9,117,510	9,088,004
4.2 VAT 7% (6.54% on 1.1, 2, 3, 4, 7)	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167
r	0,303,107	0,505,107	0,505,107	0,505,107	0,505,107	0,505,107
5. Interest	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293
6. Bonus Payment Net Cash Flow without Interest	12,913,460	12,922,096	10,584,170	6,392,303	4,687,280	5,076,696
Acc. Net Cash without Interest (M B)	85,672	98,594	109,178	115,571	120,258	125,335
	85,072	70,354	109,176	113,311	120,230	120,000
FIRR	12,913,460	12,922,096	10,584,170	6,392,303	4,687,280	5,076,696
III. Net Cash Flow	12,913,400	12,922,090	10,364,170	0,392,303	4,007,200	3,070,030
IV A AND COLUMN	33.040	45,962	56,546	62,939	67,626	72,703
IV. Accumulated Net Cash Flow (M B)	33,040	43,902	30,340	02,939	07,020	12,103
Divarian Assumption						
Financing Assumption	62 412 410	75 040 156	87,962,252	98,546,422	104,938,725	109,626,005
1. Cash Balance (at Beginig)	62,412,410	75,040,156 12,922,096		6,392,303	4,687,280	5,076,696
1.1 Cash from Operation	12,913,460	12,922,096	10,364,170	0,592,505	4,007,200	3,070,090
2.Own Fund				<del></del>		<u> </u>
3. Long-term Debt			:			
3.1 Borrowing	005.54					
3.2 Amortization	285,714	0 0 0 0 0 0 0	0 545 100	0	0	144 800 800
4, Cash Balance (at Ending)	75,040,156	87,962,252	98,546,422	104,938,725	109,626,005	
5. Total Amount of Borrowings		<u> </u>				
73,100,000		· .	<u> </u>			
6. Total Own Fund				and a second		
42,000,000				<u> </u>	<u> </u>	<u></u>

Term	24	25	26	27	28	29
Year	2016	2017	2018	2019	2020	2021
(Unit: Thousand Baht) Cash Flow Table						
I, Cash In-Flow						
1. Operating Revenue	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426	53,264,426
1.1 Installation Fee	0	0	0	0	o	. 0
1.2 Subscription Fee	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311	4,712,311
1.3 Local Call Charge	24,466,903	24,466,903	24,466,903	24,466,903	24,466,903	24,466,903
1.4 Trunk Call Charge	17,366,537	17,366,537	17,366,537	17,366,537	17,366,537	17,366,537
1.5 Deposit	0	0	0	0	0	0
1.6 Public Telephone Usages	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162
1.7 Other Service	3,945,513	3,945,513	3,945,513	3,945,513	3,945,513	3,945,513
	a (1)		1 14 11			
II. Cash Out-Flow	47,895,633	44,313,092	41,113,009	41,786,627	41,341,467	40,486,336
1. Capital Expenditure	16,292,113	12,745,255	9,447,290	10,028,425	9,493,180	8,536,057
1.1 Local Portion	8,480,101	6,279,144	4,267,991	4,699,871	4,290,559	3,562,436
1.2 Foreign Portion	7,812,012	6,466,111	5,179,299	5,328,553	5,202,621	4,973,621
2. Operating Expenditure	15,746,417	15,746,417	15,746,417	15,746,417	15,746,417	15,746,417
2.1 Staff Remuneration	8,386,304	8,386,304	8,386,304	8,386,304	8,386,304	8,386,304
2.2 Other Administrative Expenses	4,951,597	4,951,597	4,951,597	4,951,597	4,951,597	4,951,597
2.3 Repair & maintenance Expenses	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872
2.4 Bad Debt Expense	532,644	532,644	532,644	532,644	532,644	532,644
3. Working Capital	26,632,213	26,632,213	26,632,213	26,632,213	26,632,213	26,632,213
3.1 Working Capital Increase	0	0	0	0	- 0	. 0
4. Taxation	12,362,809	12,327,126	12,425,009	12,517,491	12,607,576	12,709,569
4.1 Remittance to the Treasury	9,059,642	9,023,959	9,121,842	9,214,325	9,304,410	9,406,402
4.2 VAT 7% (6.54% on 1.1,.2,.3,.4,.7)	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167
5. Interest	0	0	0	0	0	0
6. Bonus Payment	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293
Net Cash Flow without Interest	5,368,794	8,951,335	12,151,417	11,477,800	11,922,959	12,778,090
Acc. Net Cash without Interest (MB)	130,703	139,655	151,806	163,284	175,207	187,985
FIRR						
III. Net Cash Flow	5,368,794	8,951,335	12,151,417	11,477,800	11,922,959	12,778,090
IV. Accumulated Net Cash Flow (M B)	78,071	87,023	99,174	110,652	122,575	135,353
Financing Assumption						· · · · · · · · · · · · · · · · · · ·
1, Cash Balance (at Beginig)	114,702,701	120,071,495	129,022,829	141,174,246	152,652,046	164,575,005
1.1 Cash from Operation	5,368,794	8,951,335	12,151,417	11,477,800	11,922,959	12,778,090
2.Own Fund				·		
3. Long-term Debt						
3.1 Borrowing						
3.2 Amortization	0	0	0	0	0	
4. Cash Balance (at Ending)	120,071,495	129,022,829	141,174,246	152,652,046	164,575,005	177,353,09
5. Total Amount of Borrowings						
73,100,000						
6. Total Own Fund						
42,000,000						

30 2022 53,264,426 0 4,712,311 24,466,903 17,366,537 0	31 2023 53,264,426 0 4,712,311 24,466,903	32 2024 53,264,426 0 4,712,311	33 2025 53,264,426 0 4,712,311	34 2026 53,264,426 0	35 2027 37,556,723
53,264,426 0 4,712,311 24,466,903 17,366,537 0	0 4,712,311 24,466,903	0 4,712,311	0	0	37,556,723
0 4,712,311 24,466,903 17,366,537 0	0 4,712,311 24,466,903	0 4,712,311	0	0	37,556,723
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0 4,712,311 24,466,903 17,366,537 0	0 4,712,311 24,466,903	0 4,712,311	0	0	37,556,723
0 4,712,311 24,466,903 17,366,537 0	0 4,712,311 24,466,903	0 4,712,311	0	0	
24,466,903 17,366,537 0	24,466,903		4712311		. 0
24,466,903 17,366,537 0	24,466,903		7.114.311	4,712,311	4,712,311
17,366,537 0		24,466,903	24,466,903	24,466,903	24,466,903
0	17,300,3371	17,366,537	17,366,537	17,366,537	17,366,537
	0	0	0	0	-15,707,703
2,773,162	2,773,162	2,773,162	2,773,162	2,773,162	2,773,162
					3,945,513
			·		
41,801,435	43,621,332	44,122,240	44,093,112	43,317,185	-68,163,528
9,748,039	11,622,182	12,159,905	12,167,869	11,432,631	-73,386,049
3,190,593	3,287,422	3,702,905	3,578,527	3,013,323	1,373,520
6,531,964	8,249,923	8,389,612	8,386,731	8,211,341	4,044,087
15,746,417	15,746,417	15,746,417	15,746,417	15,746,417	15,746,417
8,386,304	8,386,304	8,386,304	8,386,304	8,386,304	8,386,304
4,951,597	4,951,597	4,951,597	4,951,597	4,951,597	4,951,597
1,875,872	1,875,872	1,875,872	1,875,872	1,875,872	1,875,872
532,644	532,644	532,644	532,644	532,644	532,644
26,632,213	26,632,213	26,632,213	26,632,213	26,632,213	26,632,213
` 0	0	. 0	0	0	-26,632,213
12,812,686	12,758,440	12,721,625	12,684,533	12,643,843	12,614,023
9,509,519	9,455,273	9,418,458	9,381,366	9,340,676	9,310,856
3,303,167	3,303,167	3,303,167	3,303,167	3,303,167	3,303,167
0	0	0	0	0	. 0
3,494,293	3,494,293	3,494,293	3,494,293	3,494,293	3,494,293
11,462,991	9,643,094	9,142,186	9,171,314	9,947,242	105,720,252
199,448	209,091	218,233	227,405	237,352	343,072
11,462,991	9,643,094	9,142,186	9,171,314	9,947,242	105,720,252
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146,816	156,459	165,601	174,773	184,720	290,440
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77,353,095	188,816,086	198,459,180	207,601,366		226,719,921
11,462,991	9,643,094	9,142,186	9,171,314	9,947,242	105,720,252
				1.4	
0	0	0	0	0	Ò
88,816,086	198,459,180	207,601,366	216,772,679		332,440,173
				er jake die G	The state of the s
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1 1 71	0 2,773,162 3,945,513 41,801,435 9,748,039 3,190,593 6,531,964 15,746,417 8,386,304 4,951,597 1,875,872 532,644 26,632,213 0 12,812,686 9,509,519 3,303,167 0 3,494,293 1,462,991 199,448 1,462,991 146,816	0 0 2,773,162 2,773,162 3,945,513 3,945,513 41,801,435 43,621,332 9,748,039 11,622,182 3,190,593 3,287,422 6,531,964 8,249,923 15,746,417 15,746,417 8,386,304 8,386,304 4,951,597 4,951,597 1,875,872 1,875,872 532,644 532,644 26,632,213 26,632,213 0 0 12,812,686 12,758,440 9,509,519 9,455,273 3,303,167 3,303,167 0 0 3,494,293 3,494,293 1,462,991 9,643,094 199,448 209,091 1,462,991 9,643,094 146,816 156,459 17,353,095 188,816,086 1,462,991 9,643,094	0         0         0           2,773,162         2,773,162         2,773,162           3,945,513         3,945,513         3,945,513           41,801,435         43,621,332         44,122,240           9,748,039         11,622,182         12,159,905           3,190,593         3,287,422         3,702,905           6,531,964         8,249,923         8,389,612           15,746,417         15,746,417         15,746,417           8,386,304         8,386,304         8,386,304           4,951,597         4,951,597         4,951,597           1,875,872         1,875,872         1,875,872           532,644         532,644         532,644           26,632,213         26,632,213         26,632,213           0         0         0           12,812,686         12,758,440         12,721,625           9,509,519         9,455,273         9,418,458           3,303,167         3,303,167         3,303,167           3,394,293         3,494,293         3,494,293           1,462,991         9,643,094         9,142,186           199,448         209,091         218,233           1,462,991         9,643,094         9,142,186	0         0         0         0           2,773,162         2,773,162         2,773,162         2,773,162           3,945,513         3,945,513         3,945,513         3,945,513           41,801,435         43,621,332         44,122,240         44,093,112           9,748,039         11,622,182         12,159,905         12,167,869           3,190,593         3,287,422         3,702,905         3,578,527           6,531,964         8,249,923         8,389,612         8,386,731           15,746,417         15,746,417         15,746,417         15,746,417           8,386,304         8,386,304         8,386,304         8,386,304           4,951,597         4,951,597         4,951,597         4,951,597           1,875,872         1,875,872         1,875,872         1,875,872           532,644         532,644         532,644         532,644           26,632,213         26,632,213         26,632,213         26,632,213           0         0         0         0           12,812,686         12,758,440         12,721,625         12,684,533           9,509,519         9,455,273         9,418,458         9,381,366           3,303,167         3,303,167	0         0         0         0         0           2,773,162         3,945,513         3,945,513         3,945,513         3,945,513         3,945,513         3,945,513         3,945,513         3,945,513         3,945,513         3,945,513         3,945,513         3,945,513         3,945,513         3,945,513         3,945,631         8,213,636         11,432,631         3,176,631         43,317,185         9,746,631         1,875,671         3,013,323         6,531,964         8,249,923         8,389,612         8,386,731         8,211,341         15,746,417         15,746,417         15,746,417         15,746,417         15,746,417         15,746,417         15,746,417         15,746,417         15,758,672         1,875,872         1,875,872         1,875,87