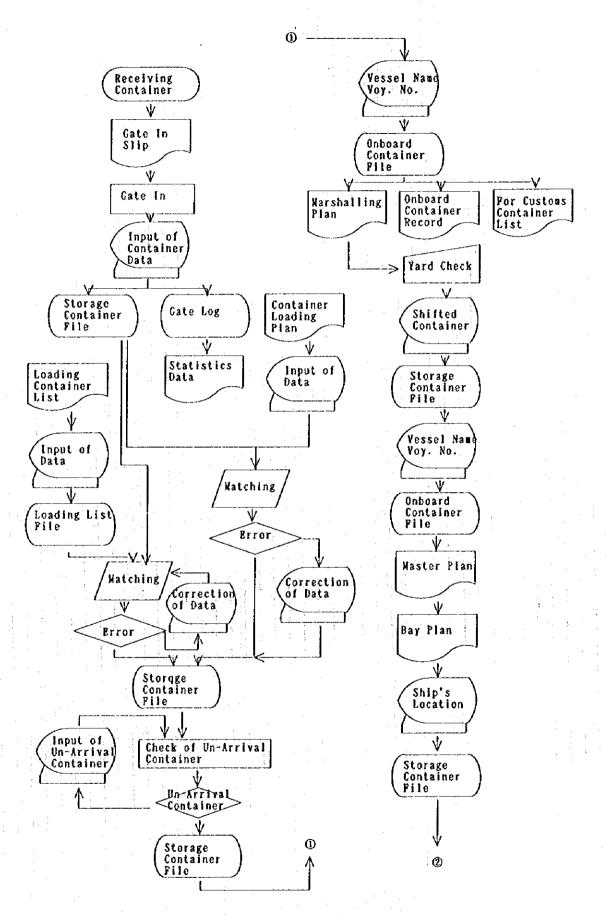
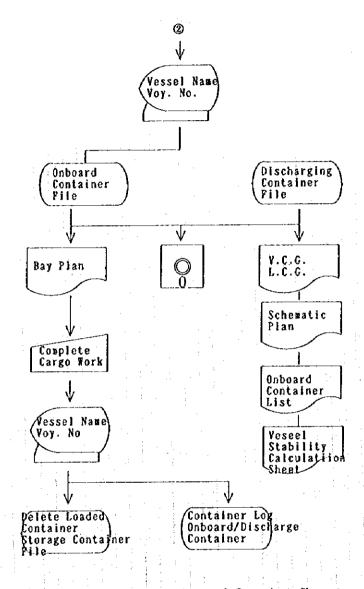


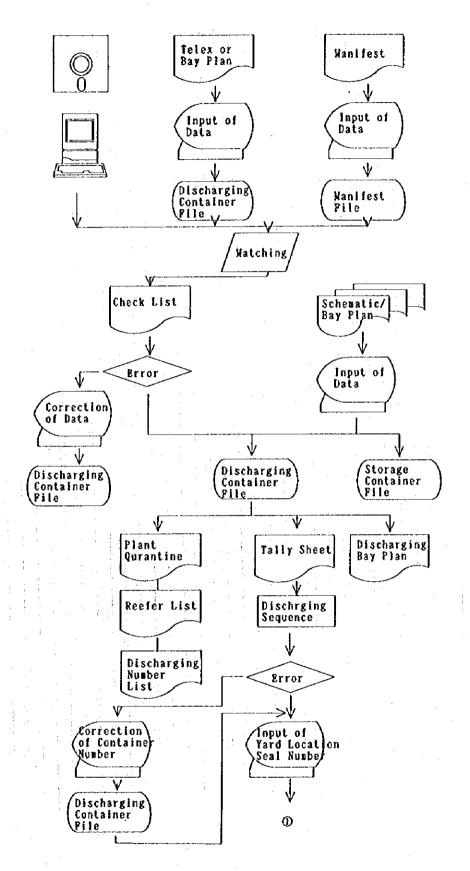
Appendix 5.6.7 Computer System of Current Container Terminal



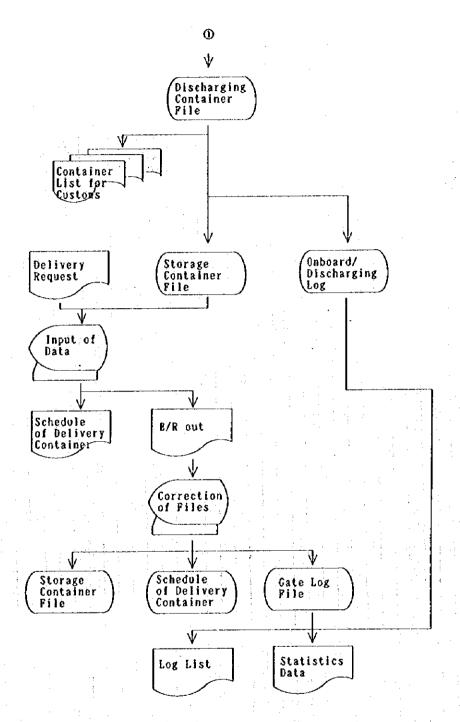
Appendix 5.6.8(1) Flow Chart of Container Export



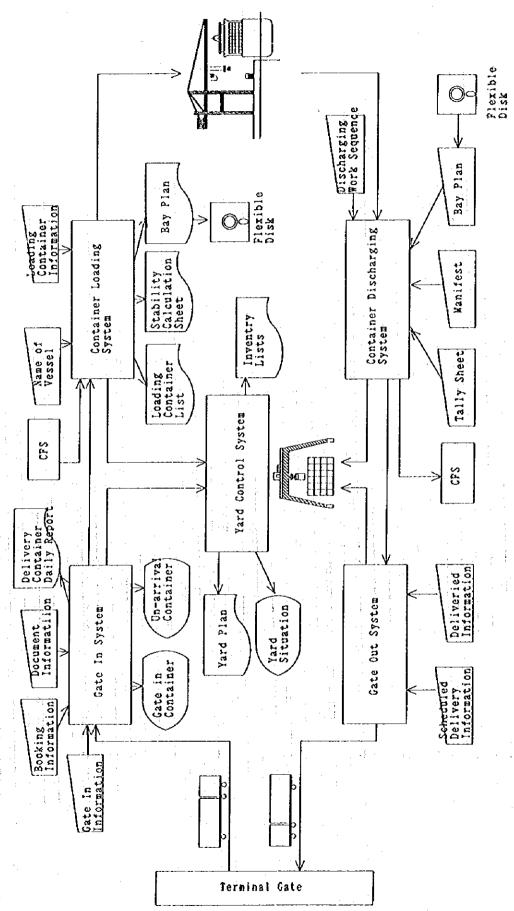
Appendix 5.6.8(2) Flow Chart of Container Export



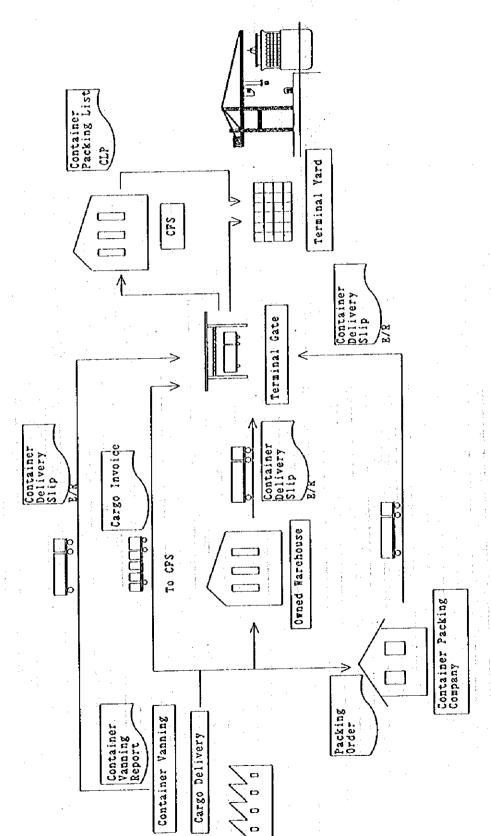
Appendix 5.6.9(1) Flow Chart of Modern Container Terminal (Import)



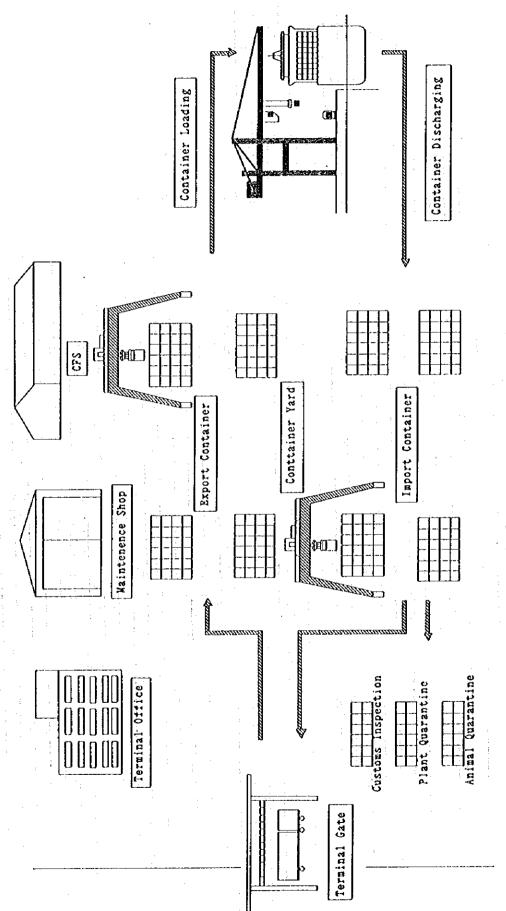
Appendix 5.6.9(2) Flow Chart of Computerized Container Terminal (Import)



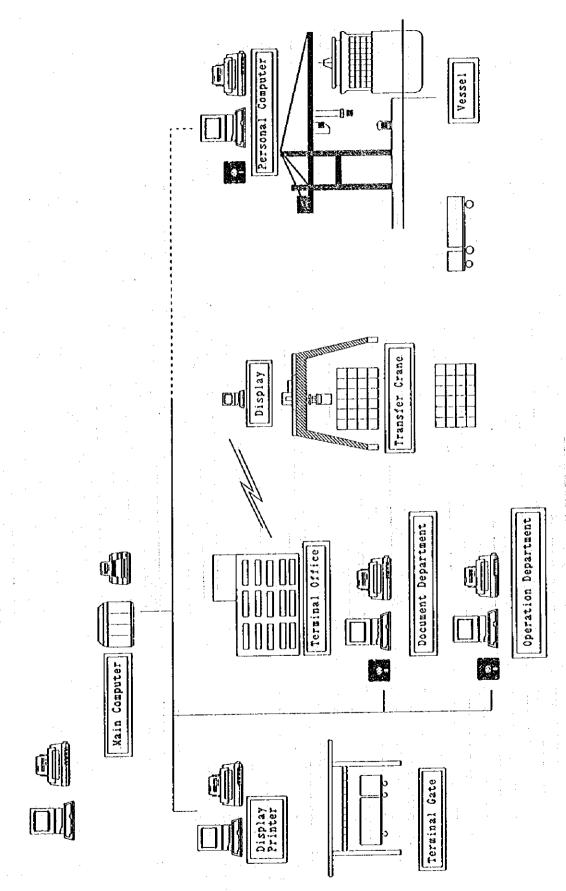
Appendix 5.6.10 Container Terminal System



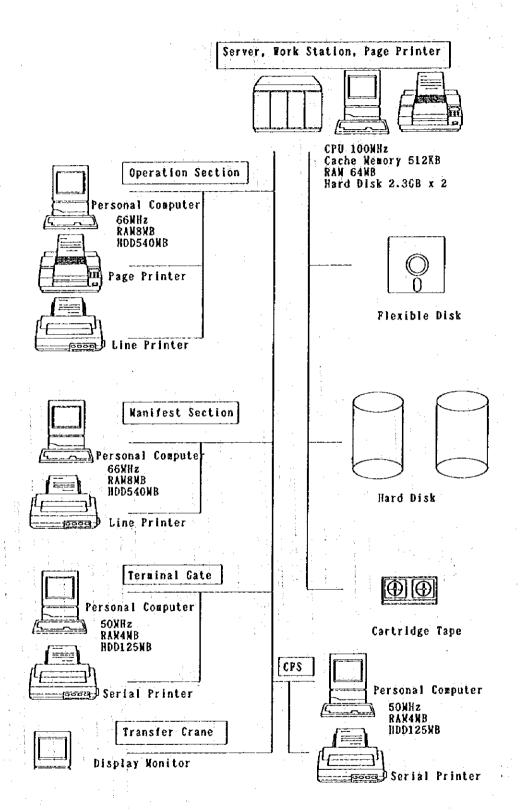
Appendix 5.6.11 Document Information of Export Container



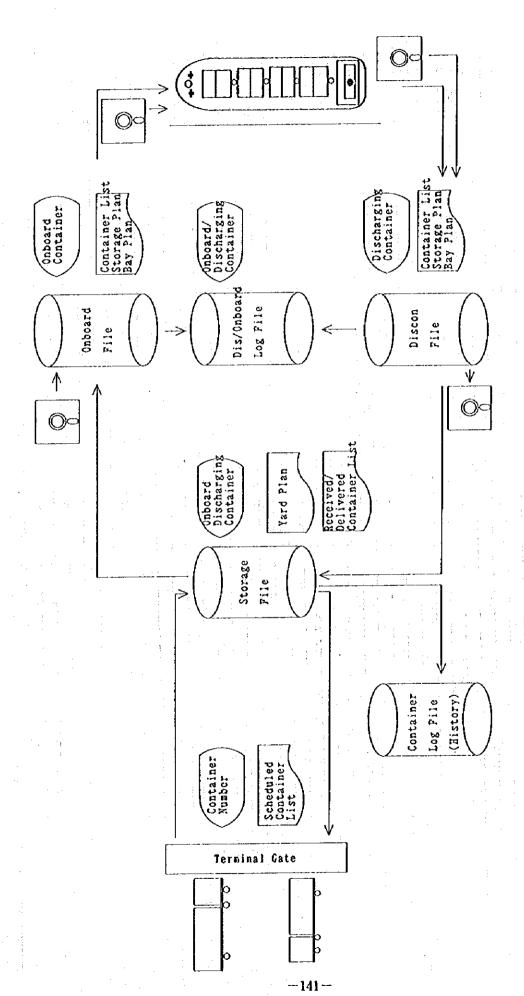
Appendix 5.6.12 Container Flow at Container Terminal



Appendix 5.6.13 Computer System of Container Terminal



Appendix 5.6.14 System Diagram of Hard Ware



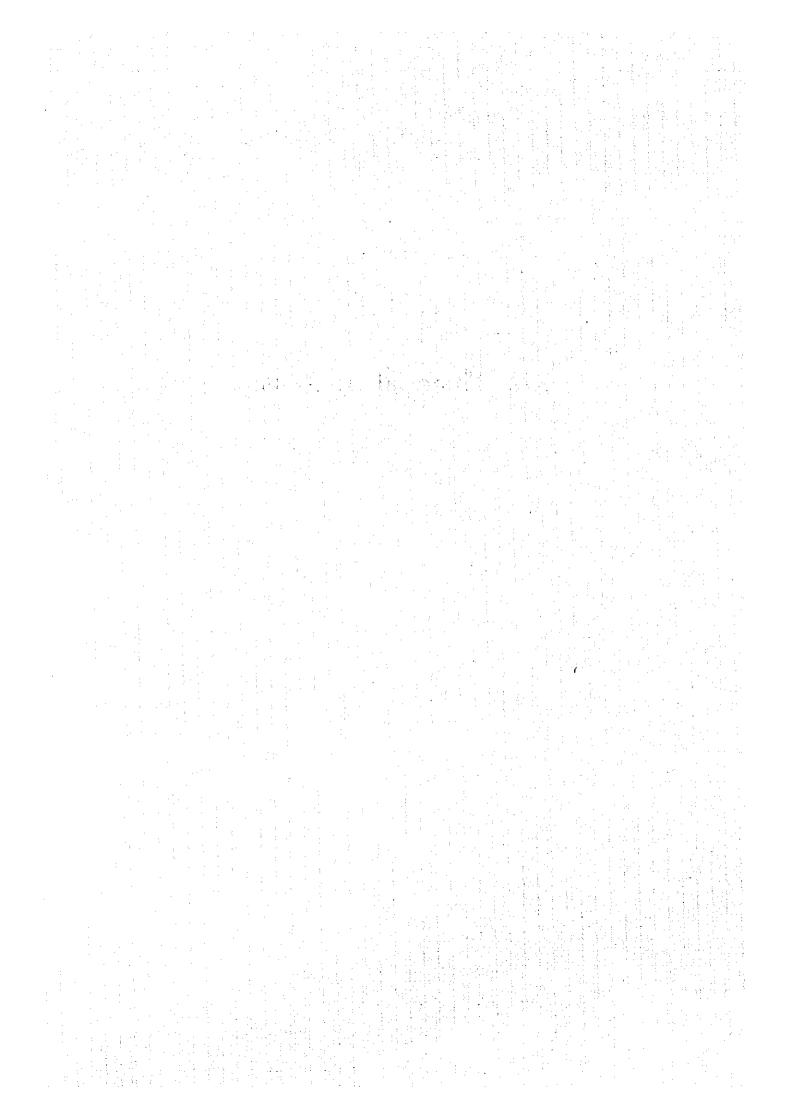
Appendix 5.6.15 Computer File System

Appendix	5.6.16 Equipment	Interchange Re	celpt		·	
	(機器受取		1:	BOOKING NO.		
IN/OUT	OPER	ATOR (給会社)		PLACE OF RE	CEIPT/DELIVERY	(搬出入場所)
CARE	RIER RECEIVED FROM/DI	ELIVERED TO (搬出)	(者)		AND TIME (B)出	
				· · · · · ·	Y M M D D	-
	CONTAINER NO. (3	ンテナ番号)		TYPE LENG	TH HEIGHT	GROSS WI(KT)
S	TATUS (U. U.)	P	URPOSE OF C	BATE-IN/GATE-O	UT(搬出入目的)	
LOAC		[]] FROM/TO SHIPPE	B (荷主より)	[6] FROM		-xà&sq\ []
	入) [(空) AMAGED(排体)	CONSIGNEE	• • • • • • • • • • • • • • • • • • • •	[] [] [] [Picho		- 7章祖句() 【] 3 社 より() 【]
	L NO. (シール番号)	2 FROM/TO CFS	(CFS19) (CFS向け)		SHIPPING CO. (1	ដែកប់)
		- 3 EMPTY POSITIONING	。 (空 バン) に 数)	■ B REP	AIRED (1) REPAIR (1)	理象7
61110010-100	0/5/10 (1)	(I) IMPORT	(権入フィーダ)	П Фотн		
CHASSIS/BO	GIE NO. (シャーシェボギー番号)	FEEDER ISI EXPORT	(Mis 送) (Misフィータ)) []
	ing the second	FEEDER	(86 38)			
P/	ARTY(荷主名,修理業者,	その他)	PLACE	OF DEPARTURE/	DESTINATION (I	社発地/仕向地)
			}	. :		,
SCHEDULED	PLACE OF RETURN (847)	ま場所) SCHED	i Uleo return i	DATE (返却予定日)	RETURN ST	ATUS (返却状態)
				7 7 1 1 1 1 1	L L LOVIE	DED (実入)
	SCHEDULED LINE, VES	SELVOY (4914-7-2)	13 14 15 2 XV			TY (空) WATION(排子定港)
પાકવા	OUTREDCED CITE, VEC	OLL TOTT (MIXTAL	W. E. BRES, 201	VOVA/SE	roni or besi	HWITCH (IN FACE)
	INSPEC	TION AT THE THE	ME OF REC 時 検 査 内 ?		AA.	
	CONTAINER CONDITIO		** 1K A () }	CHASSIS/BOG/E	REEFER UNIT	REEFER
1	MAGE(損傷)関係	CLEANING (2)		(シャーシー/ボギー)	(冷凍装置)	TEMPERATURE (冷凍温度)
SOUND(正常)	DEFECTIVE (異常)	CLEAN	TO BE CLEANED	DI ∏SOUND	t colub	SETTING(設定)
	[] 仮修理済 [] 小修理必要	() i *	□ 清 掃 □ 水洗い	(正常)	【□SOUND (正常)	((C_C_C_F
不要	□中排理必要	(クリーニング) (不 要)	[]温水洗净。	DEFECTIVE	[]DEFECTIVE	PRESENT(現在)
	[] 大修理必要		[] 化学洗净	(異常)	(異常)	[]'C[]'F
CC	ONTAINER/CHASSIS OUT	ISIDE (コンテナ/シャー	- シー外函)	CONTA	VINER INSIDE (=	ンテナ内頭)
Left s	side (左側面) Ri	ght side (右側面)	Front (前面	5) ₍₋₃	<u> </u>	
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		1017	VV	<u> </u>		4
10	p (屋根) Fi	oor base (床底)	ームム Rear (財産	Mark	learly alt damages	or deliciencies
		50, Cago (14)/2c/	1000	a liound	by symbol (発見さる FTRの暗号を使って明	
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<u> </u>	(B)(fi)		HILL.	9 1 .	fole(被作)。 D-D Broken(破損)。M-M	ent(的訊) leston(13#3
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	(WATON) (現私日番句)	THE THE PARTY OF T		•		
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<u></u>		4.	•			· .
DF	RIVER					

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NNO 1405 OHI NO.4 CY	KNI.U2936875 G-26-06-1 S'ND	1 S S		_	(ITSUI SOKO	SLC	7502A	MITSUI CHIWAKACHO	2 038 BURAC745	\$6
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SOKO NHO 1405 OHI NO.4 CY X	CPIUS706516, H-12-05-1 ND		QN		SUMITOMO SOKO	NNO	1.405		JF 333	
NNO 1405 OHI NO.4 CY A NNO 1405 OHI NO.4 CY A	KHLU3273740 X-10-06-2 ND	5	OX			NNO	1405	X0.4	X 830	
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NNO 1405 OHI NO.4 CY X	XNLU3364373 X-10-05-1 ND		N O			ONN	1405	NO.4		
NNO 1405 DHI NO.4 CY X	KLCU2118357 X-10-04-1 ND		QX		SUMITOMO SOKO	O K N	1405	NO.4	839	
	KNLU3280190 X-10-05-2 ND		Ω 2		SUMITONO SOKO	NNO	1405			

5.12 Financial Analysis



Appendix 5.12.1 Maximum Cargo Handling Volume in With Case

Cargo Max. Cargo Neer Cargo Caling Ton/Day Deration Liber Days/Ves, Days/Ves	Cargo Max. Cargo Year Mve. Cargo Calling Ton/Day Degration Liner Days Berthing Number Cargo (1,0070a) 2010 3,500 951 3,000 1,17 0.10 1.27 1,205 4. Seneral (1,0070a) 2010 2010 40,000 25 6,451 2.48 0.15 2.63 65 0.00 2010 2010 16,000 25 6,451 2.48 0.15 2.63 65 0.00 2010 2010 18,000 134 53,760 1.02 0.15 2.63 65 0.00 2010 2010 18,000 134 53,760 1.02 0.15 2.88 1.17 0.20 0.15 2.00			0		6	- 1	œ	@/@=@			(8) = (3) × (3)	(c) = (g) / 351/0
Handling Vol. (1.0007on) Handling Vol. (1.0007on) Source Handling Vol. (1.0007on) Source S	Seneral (1.00010a) 3.30 2010 3.500 951 3.000 1.17 0.10 1.27 1.205 4.50 2.500		Cargo	Max. Cargo		Ave. Cargo		Ton/Day	Operation		200	Sertaing	NUMBER OF
Cargo (1,000Ton) 3.50.0 951 3,000 1.17 0.10 1.27 1.205 4.205 Cargo 2,010 2010 40,000 50 9,677 4.13 0.20 4.33 218 0.0 Frein 2,010 2010 400 20 55,000 134 53,760 1.02 0.15 2.63 6. 9.677 4.13 0.20 4.33 218 0.0 Prosphate 7,370 2010 55,000 134 53,760 1.02 0.15 2.63 6. 9.677 4.13 0.20 4.23 2.18 0.0 9.0	Seneral (1.000fon) 3.500 951 3.000 1.17 0.10 1.27 1.205 4. Cargo	- 1	n (10 mm m	Handling Vol.		Vol. /Ves.			Days		Days/ves.	Days	000
Cargo Cargo Cargo 4.13 0.20 4.33 218 0.00 Companie 2.010 2010 16.000 25 6.451 2.48 0.15 2.63 6.6 0.00 Container 7.370 2010 55,000 134 53.760 1.02 0.15 2.63 6.0 0.15 1.17 1.57 0.0 Container 2.070 2010 55,000 134 53.76 1.02 0.15 2.03 0.0	Cargo Cargo Cargo Cargo Long Contain 40.201 2010 2010 15.000 25 6.451 2.48 0.20 4.33 218 0.00 Phosphate 7,370 2010 15.000 134 53.760 1.02 0.15 2.63 6.6 0.0 Phosphate 7,370 2010 55,000 134 53.760 1.02 0.15 2.83 6.6 0.0 Rice 745 2010 18.000 41 6.720 2.68 0.20 2.88 1.19 0.0 Rice 745 2010 18.000 41 6.720 2.68 0.20 2.88 1.19 0.0 Rice 70 2010 20 0.00 21 0.00 2.10 2.20 2.00 2.20 2.20 2.00 2.20 2.00 2.20 2.00 2.20 2.20 2.00 2.20 2.20 2.20 2.20 2.20 2.20 <td< td=""><td>⊸ :</td><td>e l</td><td>(1,000Ton) 3,330.</td><td>2010</td><td>3.50.0</td><td>198</td><td>3,000</td><td></td><td>0.10</td><td>1.27</td><td>-</td><td>4.30</td></td<>	⊸ :	e l	(1,000Ton) 3,330.	2010	3.50.0	198	3,000		0.10	1.27	-	4.30
S. Grein 2.010 2010 40.000 50 9.677 4.13 0.20 4.33 218 0.20 4.53 2.18 0.20 4.53 2.18 0.20 4.53 2.18 0.20 0.5 0.0 0.0 1.07 1.17 1.57 0.0 0.0 0.15 1.17 1.57 0.0 0.0 0.15 1.17 1.57 0.0 0.0 0.15 2.17 0.20 0.2	Grain 2.010 2010 40,000 50 9,677 4,13 0.20 4.33 218 0.20 4.33 218 0.20 0.20 2.63 0.20 0.20 2.63 0.0 0.20 <th< td=""><td>ı</td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td>,</td><td></td><td></td><td></td></th<>	ı	1							,			
Veg. 011 400 2010 16,000 25 6,451 2.48 0.15 2.63 65 Phosphate 7,370 2010 55,000 134 53,760 1.02 0.15 1.17 1.17 1.57 Container 2,070 2010 18,000 41 6,720 2.68 0.20 2.88 113 Rice 700 2010 18,000 21 9,140 2.19 0.20 3.92 137 L. Ammonia 418 2006 20,000 21 9,140 2.19 0.15 2.34 48 Phos. Reid 1,300 2006 20,000 65 7,526 2.66 0.15 2.34 48 Sulfur 1,280 2006 271 20,160 2.98 0.10 1.09 2.96 Sulfur 8,418 2006 20,000 64 6,720 2.98 0.15 3.6 3.6 Fuel Oil 1,140 2010 20,000 </td <td>Veg. 0il 400 2010 16,000 25 6,451 2,48 0,15 2,63 65 Phosphate 7,370 2010 55,000 134 53.760 1,02 0,15 2.63 1,17 crancial control of cont</td> <td>æ</td> <td>Grain</td> <td>2,010</td> <td>2010</td> <td>40,000</td> <td>50</td> <td>9, 677</td> <td>4.13</td> <td>0, 20</td> <td>4.33</td> <td>218</td> <td>0.88</td>	Veg. 0il 400 2010 16,000 25 6,451 2,48 0,15 2,63 65 Phosphate 7,370 2010 55,000 134 53.760 1,02 0,15 2.63 1,17 crancial control of cont	æ	Grain	2,010	2010	40,000	50	9, 677	4.13	0, 20	4.33	218	0.88
Phosphate 7,370 2010 55,000 134 53,760 1.02 0.15 1.17 157 Container 2,070 2015 (*) Maximum Cargo Handling Volume is calculated by capacity of Zantry 1.39 2.00 2.00 4.00 4.1 6,720 2.68 0.20 2.88 1.19 sk Cemment 700 2010 20,000 21 6,720 2.66 0.20 2.84 4.9 Phos. Acid 1,200 2006 20,000 271 20,160 2.66 0.15 2.34 4.9 Phos. Acid 1,280 2006 20,000 271 20,160 0.99 0.10 1.09 2.96 Sulfur 1,280 2006 20,000 64 6,720 2.98 0.15 3.1 0.15 3.1 4.0 Fuel 0:1 1,280 2010 20,000 64 6,720 2.98 0.15 3.1 4.0 4.0 Mineral 0:1 1,1,40 2010 20,000	Phosphate	New 011 8	Veg. 011	400	2010	16,000	2.5	6,451	2, 48		2.63	6.5	0.27
Container 2,070 2005 (*1) Maximum Cargo Handling Volume is calculated by capacity of Zantry Rice 745 2010 18,000 41 6,720 2,68 0,20 2,88 139 Rice 700 2010 18,000 21 376 2,02 2,88 139 Comment 700 20,000 21 9,140 2,13 0,20 2,34 48 Phos Acid 1,300 20,00 20,000 27 7,526 2,66 0,15 2,34 48 Dthers 5,420 2006 20,000 85 7,526 2,66 0,15 2,34 48 Sulfur 1,280 2006 20,000 64 6,720 2,98 0,15 2,0 Fuel 0,11 1,140 20,000 22,000 29 20,000 1,25 0,15 3,40 Mineral 0,11 1,140 2010 20,000 27 6,048 31 0,15 0,15 0,15 20 <	Container 2,070 2005 (**) Maximum Cargo Handling Volume is calculated by capacity of Zantry Rice Rice 745 2010 18,000 41 6,720 2.68 0.20 2.88 119 Rice 700 2010 20,000 35 5.75 0.20 2.0 2.88 137 L. Ammenia 418 2006 20,000 55 3,40 2.19 0.15 2.81 182 Phos. Acid 1,20 2006 20,000 27 3,40 2.19 0.15 2.81 49 Phos. Acid 1,20 20,00 27 20,100 27 20		Phosphate	7, 370	2010	55,000	134	53, 760	1, 02	0.15	1.17	157	0.64
Rice 745 2010 18,000 41 6,720 2.68 0.20 2.88 sk Cemment 700 2010 20,000 35 5,376 3,72 0.20 2.88 L Amment 700 2010 20,000 21 9,140 2,19 0.15 2.34 L Amment 1,300 2006 20,000 65 7,526 2,66 0.15 2.34 Phos. 5,420 20,00 20,000 271 20,160 0.99 0.15 2.81 Sulfur 1,280 20,00 421 8,31 0,55 9,36 Fuel Dis 1,1,40 2010 20,000 37 6,048 3,31 0,15 1,40 Mineral Oil 1,280 20,00 20,00 57 6,048 3,31 0,15 1,40 Mineral Oil 1,00 20,00 20,00 37 6,048 0,30 0,15 0,50 1,vestcek 1,10 2010	Rice 745 2010 18,000 41 6,720 2.68 0.20 2.88 k Cemment 700 2010 20,000 35 5,376 3.72 0.20 2.34 L Ammonia 418 2006 20,000 21 9,140 2,15 0.15 2.34 Phos. Acid 1,290 2006 20,000 65 7,526 2,16 0.15 2.31 Sulfur 1,280 2006 20,000 64 6,720 2.98 0.15 3.13 Fuel Oil 720 2016 20,000 64 6,720 2.98 0.15 3.13 Fuel Oil 720 2016 20,000 64 6,048 3.31 0.15 3.46 Mineral Oil 1,26 20,000 367 86 6,048 3.31 0.15 3.46 Livestock 110 2010 20,000 367 86 0.15 0.50 Livestock 110 2010	New Co. 1, 2	Container	2.070	2005	(*1) Maxim	Cargo	land ling Vo	une		1	ų.	
sk Cemment 700 2010 20,000 35 5,376 3,72 0,20 3,92 L Ammonia 418 2006 20,000 21 9,140 2,19 0,15 2,34 Phos. Acid 1,300 2006 20,000 87 7,526 2,66 0,15 2,81 Dthers 5,420 20,00 20,000 271 20,160 0,39 0,15 2,81 Sulfur 1,280 20,00 64 6,720 2,98 0,15 3,13 Fuel Orl 20,00 22,000 421 20,000 1,59 3,16 Fuel Orl 1,1,40 20,10 20,000 57 6,048 3,31 0,15 1,40 Mineral Orl 1,1,40 20,10 20,00 57 6,048 3,31 0,15 0,30 4,86 Livestock 1,10 20,10 367 860 0,35 0,15 0,50	K Cemment		Rice	745	2010	18,000	41	6, 720		0.20	2.88	119	0.48
L. Ammonia 418 2005 20.000 21 9,140 2.19 0.15 2.34 Phos. Acid 1,300 2006 20.000 65 7.526 2.66 0.15 2.81 Dthers Sulfur 1,280 2006 20.000 64 6,720 2.98 0.10 1.09 Total 8,418 2010 20.000 421 8.81 0.15 3.46 Mineral 0:1 1,140 2010 20.000 57 6,048 3.31 0.15 3.46 Livestock 110 2010 20.000 367 860 0.35 0.15 0.50	L. Ammonia 418 2006 20.000 21 9,140 2.19 0.15 2.34 Phos. Acid 1,300 2006 20.000 65 7.526 2.66 0.15 2.81 2.81 Dthers 5,420 2006 20,000 271 20,160 0.99 0.10 1.09 3.13 Sulfate 1 2.80 20,000 421 8.81 0.55 3.13 8.46 Evel 0il 720 2010 20,000 1.25 0.15 1.40 Evel 0il 7.140 2010 20,000 367 860 0.35 0.15 3.46 Evel 0il 1.860 2010 300 367 860 0.35 0.15 0.50 Investock 110 2010 300 367 860 0.35 0.15 0.50 Investock 110 2010 300 Until 2005 = 3.44,964 TEU = 2.070 (1.000Ton) After 2010	1.878	K Cemment	700	2010	20,000	35	5, 376	3.72	0.20	3.92	137	0.56
Phos. Acid 1,300 2006 20,000 65 7,526 2.66 0.15 2.81 5,420 2006 20,000 271 20,160 0.99 0.10 1.09 Sulfur 1,280 2006 20,000 64 6,720 2.98 0.15 3.13 Total 8,418 200 421 8,81 0.55 9.36 Fuel 0.1 720 2010 25,000 57 6,048 3.1 0.15 1.40 Mineral 0.1 1,40 2010 20,000 57 6,048 3.3 0.15 3.46 Livestock 110 2010 300 367 860 0.35 0.15 0.50	Phos. Acid 1,300 2006 20,000 65 7,526 2.66 0.15 2.81 2thers 5,420 2006 20,000 271 20,160 0.89 0.10 1.09 1.09 Sulfur 1,280 2006 20,000 64 6,720 2.98 0.15 3.13 7041 2041 8.418 0.55 9.36 8.31 0.55 9.36 8.31 0.55 9.36 8.31 0.15 9.36 9.36 8.46 1.0541 1.860 20,000 20,000 1.25 0.15 1.40 1.0541 1.860 20,000 20,000 2.600 1.25 0.35 0.15 1.40 1.0541 1.860 20,000 20,000 2.600 1.25 0.35 0.15 1.40 1.0541 1.860 20,000 20,000 2.600	JFI-East	L. Agmonia	418	2005	20,000	21	9,140	2.19	0.15	2,34	48	0.20
Dthers 5,420 2006 20,000 271 20,160 0.99 0.10 1.09 Sulfur 1,280 2006 20,000 64 6,720 2.98 0.15 3.13 Total 8,418 20 20 20 20 20 20 20 Rivel 0.1 1,140 2010 25,000 27 5,048 3.31 0.15 3.46 Rivel 0.2 1,000 30 367 860 0.35 0.15 0.50	Others 5,420 20,06 20,000 271 20,160 0.89 0.10 1.09 Sulfur 1,280 2006 20,000 64 6,720 2.98 0.15 3.13 Total 1,280 2010 25,000 29 20,000 1.25 9.36 Mineral Dil 1,140 2010 20,000 86 3,31 0.15 1.40 Livestock 110 2010 300 367 860 0.35 0.15 0.50 In extock 110 2010 300 367 860 0.35 0.15 0.50 In extock 110 2010 0.0010 367 860 0.35 0.15 0.50 In extock 120 2.000 367 860 0.35 0.15 0.50	JFI-West	Phos Acid	1, 300	2008	20,000	\$5	7, 526	2.66	0.15	2.81	182	0.74
Sulfur 1,280 2006 20,000 64 6,720 2,98 0,15 3,13 Total 8,81 0,55 9,36 Fuel 0,1 720 2010 25,000 29 20,000 1,25 0,15 1,40 Mineral 0,1 1,140 2010 20,000 57 6,048 3,31 0,15 3,46 Total 1,860 30,30 86 4,56 0,30 4,86 Livestock 110 2010 307 367 860 0,35 0,15 0,50	Sulfur 1,280 2006 20,000 64 6,720 2,98 0.15 3.13 Total 1,210 2610 25,000 29 20,000 1,25 0,15 1,40 Mineral 0il 1,140 2010 20,000 27 6,048 3,31 0,15 1,40 Mineral 0il 1,860 2010 20,000 36 3,31 0,15 4,86 Livestock 110 2010 300 367 860 0,35 0,15 0,50 = 2,070 (1,000Ton) After 2010 After 2010 After 2010	JFI-North	Others	5.420	2006	20.000	271	20, 160	0.83	0.10	1.09	296	1.20
Total 8, 418 421 8, 81 0, 55 9, 36 Fuel 01 720 2010 25,000 29 20,000 1, 25 0, 15 1, 40 Mineral 01 1, 140 2010 20,000 57 6,048 3, 31 0, 15 3, 46 Total 1, 860 30, 30 86 4, 56 0, 30 4, 86 Livestock 110 2010 307 367 860 0, 35 0, 15 0, 50	Fuel 0il 8,418	!	701	1.280	2008	20,000	99	6.720	2, 98	0.15	(C)	200	0.81
Fuel Oil 720 2010 25,000 29 20,000 1,25 0,15 1,40 Mineral Oil 1,140 20,000 57 6,048 3,31 0,15 3,46 Total 1,860 20,000 86 4,55 0,30 4,86 Livestock 110 2010 307 860 0,35 0,15 0,50	Fuel 011		Total	80.4	· · · · · · · · · · · · · · · · · · ·		421		8.81	0, 55	9.36	727	2.96
Mineral 011 1,140 2010 20,000 57 6,048 3.31 0.15 3.46 7.55 0.30 4.86 7.55 0.30 4.86 1.1vestock 110 2010 300 367 860 0.35 0.15 0.50	Mineral 0il	011 Jetty	Fuel 011	720	2010	25,000	2.9	20,000	1.25	0.15	1.40	0.7	0.10
Total 1.860 300 367 86 4.56 0.30 4.86 Livestock 110 2010 300 367 860 0.35 0.15 0.50	Livestock 110 2010 300 86 4.56 0.30 4.86	•	Mineral Oil	1.140	2010	20,000	57	5.048	3.31	0.15	3.46	187	0.80
Livestock 110 2010 300 367 860 0.35 0.15 0.50	Livestock 110 2010 300 367 860 0.35 0.15 0.50 = 310,464 TEV = 2.070 (1,000Ton) Until 2005 = 344,964 TEV = 2.303 (1,000Ton) After 2010		Total	1.850			00		→	0.30	4,86	237	0.97
	ne 310,464 TEU = 2,070 (1,000Ton) Until = 344,964 TEU = 2,303 (1,000Ton) After	New JF1-1	Livestock	110	2010	300	367	860	0.35	0.15	0.50	183	0.74

Appendix 5.12.2 Maximum Cargo Handling Volume in Without Case

Handling Vol. Name Cargo Max. Cargo Ves. Cargo Calling Ion/Day Operation Days Days Days Merthing Berthing Berthing Berthing Handling Vol. Ves. Vessels Days Days Vessels Days Days Vessels Vessels Vessels Days Vessels Vessels				Θ		0	6 - 6	•	⊕/ ⊕ = ⊕	6	@•@=@	©× (0 = (9	(0) = (8) /351/0
Canding	Berth	Name	Cargo	, ∼	Year	Ave. Cargo Vol. /Ves.		Ton/Day	Operation Days	Other Days		Berthing Days	Number of Berth
Cargo 1,780 2005 40,000 45 3,67 4,78 0,70 5,48 244 0 Flosphate 7,370 2010 16,000 25 6,451 2,48 0,15 2,53 66 0 Phosphate 7,370 2010 16,000 25 6,451 2,48 0,15 2,53 66 0 Phosphate 7,370 2010 55,000 134 52,76 0.15 1,73 0 Container 1,229 1938 (*1) Maximum Cargo Handling Volume is calculated by capacity of gantry crane 2.68 0.20 2.88 119 0 Rice 745 2010 18,000 41 8,720 2.68 0.20 2.88 139 139 Camenia 23 1998 20,000 12 2.40 2.16 0.15 2.4 2.7 0 Chers 3,61 1988 20,000 1,93 20,160 2.98 0.15 3.13 3.13 </td <td>(-11.5~13.4m) 180m+5</td> <td>Berth 2-6</td> <td>General</td> <td><u>-</u></td> <td>2010</td> <td>3, 500</td> <td>951</td> <td>3,000</td> <td>1.17</td> <td>0.10</td> <td>1.27</td> <td>1,205</td> <td>4.90</td>	(-11.5~13.4m) 180m+5	Berth 2-6	General	<u>-</u>	2010	3, 500	951	3,000	1.17	0.10	1.27	1,205	4.90
Veg. Oil 400 2010 16,000 25 6,451 2.48 0.15 2.63 66 0 Phosphate 7,370 2010 55,000 134 53,760 1.02 0.15 1.17 157 0 Container 1,229 1.998 (*1) Maximum Cargo Handling Volume is calculated by capacity of gantry crane Rice 745 2010 18,000 41 6,720 2.68 0.20 2.83 119 0 Cement 700 2010 18,000 41 6,720 2.68 0.20 2.83 119 0 Cement 700 2010 18,000 41 6,720 2.19 0.20 2.83 137 0 Cement 700 2010 12 3,140 2,19 0.15 2.83 137 0 Cement 2016 2010 2010 193 20,000 20 7,527 2,66 0.15 2.81 3.72 3.10	(-8.00)1508+1 (-118)1608+1	serth 7	Grain	1 780	2005	40,000	45	8,367	4.78	0.70	5, 48	244	0.99
Phosphate 7,370 2010 55,000 134 53,760 1.02 0.15 1.17 157 0 Container 1,229 1998 (*1) Maximum Cargo Handling Volume is calculated by capacity of gantry crane Rice 745 2010 18,000 41 2.68 0.20 2.88 119 0 Cemment 700 2010 20,000 35 5,376 3.72 0.20 2.88 137 0 Cemment 700 2010 20,000 12 3,140 2,19 0.20 2.88 137 0 Cemment 700 20,000 12 3,140 2,19 0.15 2.81 27 0 Chemment 23 1998 20,000 193 20,16 0.15 2.81 2.81 0 0 0 15,2 2.81 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(-11m)220m+1	Phosphate A	Veg. Oil	400	2010	16,000	25	6,451	2.48	0.15	2. 63	99	0.27
Container 1.229 1938 (*1) Maximum Cargo Handling Volume is calculated by capacity of gantry crane Stee 75 2010 18,000 41 6,120 2.68 0.20 2.83 119 0 Cemment 700 2010 20,000 35 5,376 3.72 0.20 2.83 139 0 Cemment 700 201 20,000 12 3.14 2.14 0.15 2.82 137 0 Phos. Acid 405 1998 20,000 20 7,527 2.66 0.15 2.81 27 0 Sulfur 5.83 1998 20,000 193 20,160 0.19 0.10 1.09 2.0 0 Sulfur 5.078 20.000 23 20,160 2.98 0.15 3.13 3.6 3.0 Fug 0.1 1,20 20.0 25,000 25 20,000 1.25 0.15 3.46 1.97 0 Fug <	(-15四)280四・1	Phosphate B	Phosphate	7,370	2010	55,000	134	53,760	1.02	0.15	1.17	157	0.64
Rice 745 2010 18,000 41 6,720 2.68 0,20 2.88 119 0 Cemment 700 2010 20,000 35 5,376 3.72 0,20 3.82 137 0 L Ammonia 23 198 20,000 12 9,140 2.19 0.15 2.24 2.7 0 Phos. Acid 405 1898 20,000 20 7,527 2.66 0.15 2.81 27 0 Others 3.851 1998 20,000 29 6,720 2,98 0,15 3,13 92 0 Sulfur 5.03 20,000 254 6,720 2,98 0,15 9,36 3 Fuel Ol 1,140 2010 25,000 29 20,000 1,25 0,15 3,46 40 0 Mineral Ol 1,140 2010 25,000 29 20,16 30 0,15 3,46 40 0	(-15~20m) 180m+3	Container	Container	1. 229	866	Maxi		Handling \	Volume is c		by capacit	of	
Comment 700 2010 20,000 35 5,376 3,72 0,20 3,92 137 0 L Ammonia 23 1958 20,000 12 9,140 2,19 0,15 2,24 27 0 Phos. Acid 405 1998 20,000 20 7,527 2,66 0,15 2,81 27 0 Others 3,851 1998 20,000 193 0,10 1,09 210 0 <t< td=""><td>(-21m)150m+1</td><td>Mo ta</td><td>Rice</td><td>745</td><td>2010</td><td></td><td>41</td><td>6 720</td><td>2</td><td>0.20</td><td>2.88</td><td>119</td><td>0.48</td></t<>	(-21m)150m+1	Mo ta	Rice	745	2010		41	6 720	2	0.20	2.88	119	0.48
L. Ammonia 233 1998 20,000 12 9,140 2,19 0,15 2,24 27 0 0 Phos. Acid 405 1998 20,000 20 7,527 2,66 0,15 2,81 57 5 0 0 Chers 3.851 1998 20,000 193 20,160 0,99 0,10 1,09 210 0 0 Chers 5.89 1998 20,000 193 20,000 1,59 0,15 3,13 92 0 Chers 10,11 1,140 2016 20,000 20 25 6,048 3.1 0,15 3,46 197 0 Chers 1,860 2003 300 300 602 0,50 0,30 0,80 240 0	(-12m) 120m+1	Al-Kushtarak	Cemment	100	2010	20,000	35	5, 376	3.72	0.20	3, 92	137	0.58
Phos. Acid 405 1998 20,000 20 7,527 2,66 0,15 2,81 57 9 Others 3.851 1998 20,000 193 20,160 0.99 0.10 1.09 210 0 Sulfur 5.89 1388 20,000 28 6,720 2,98 0.15 3.13 92 0 Total 5.078 25,000 254 20,000 1.25 0.15 1.40 40 0 Figel 0.1 1,140 2016 25,000 27 6,048 3.31 0.15 3.46 197 0 Mineral 0.1 1,20 2016 20,000 86 6,048 3.31 0.15 3.46 197 0 Livestock 90 2003 300 300 602 0.50 0.30 0.80 240 0	(-11m)1-90m+1	JFI-East	L. Ammonia	233	1998	20,000	12	9.140	2, 19	0.15	2.34	27	0.11
Others 3,851 1998 20,000 193 20,160 0,99 0,10 1,09 210 20 <t< td=""><td></td><td>!</td><td>Phos. Acid</td><td>405</td><td>1998</td><td>20,000</td><td>20</td><td>7.527</td><td>2.66</td><td>0.15</td><td>2.81</td><td>57</td><td>0.23</td></t<>		!	Phos. Acid	405	1998	20,000	20	7.527	2.66	0.15	2.81	57	0.23
Sulfur 5.89 1998 20,000 25 6,720 2.98 0.15 3.13 Total 5.078 20,000 254 6,720 8.81 0.55 9.36 Fuel 0:1 720 2010 25,000 29 20,000 1.25 0.15 1.40 Mineral 0:1 1,140 2016 20,000 57 6,048 3.31 0.15 1.46 Investor 90 2003 300 300 602 0.50 0.30 0.80	(-15m)219m+1	JFI-West	Others	3,851	1998	20,000	193	20, 160	0.99	0.10	09	210	0.86
Total 5,078 8,81 0.55 9,36 8,36 8,81 0.55 8,36 8,10 0.1 0.55 8,36 8,10 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0		-	Sulfur	588	1998	20,000	2.9	6.720	2.98	0.15	3,13	92	0.37
Fuel 0.1 720 2010 25,000 29 20,000 1.25 0.15 1.40 Mineral 0.1 1,140 2016 20,000 57 6,048 3.31 0.15 3.46 Total 1,860 2003 300 300 602 0.30 4.86 Livestock 90 2003 300 300 602 0.50 0.30 0.80		-	Total	5.078			254		8.81	0.55	9,38	386	1.57
Mineral 011 1,140 2016 20,000 57 6,048 3.31 0.15 3.46 Total 1,860 2003 300 300 602 0.50 0.30 4.86 Livestock 90 2003 300 300 602 0.50 0.30 0.80	(-24m)150m+1	Oil Jetty	fuel 0il		2010	25,000	29	20,000	1.25	0.15	1.40	64	91.0
Total 1,860 86 4,56 0.30 4,86 Livestock 90 2003 300 300 602 0.50 0.30 0.80			Kineral Oi	1, 140	2016	20,000	57	6,048	3.31	0.15	3,45	197	0.80
Livestock 90 2003 300 300 602 0.50 0.30 0.30			Tota	1,860			98		4.56	0.30	4,86	237	0.97
	(-7m)80m+1	JF1-1	Livestock	0.6	2003	300	300	602	0.50	0.30	08.0	240	0 97

Appendix 5.12.3 Revenue in With Case

~	_	: 1		:	-		-		***	:		<u> </u>
S	0	540 858	458 838	740 287	303	303 878	828 720	5.669 5.938 6.216 6.535 6.738 6.952 7.185 7.345 7.597 7.668 7.930 7.991 8.153 8.00 15.800 7.991 8.153 8.000 25.366 25.917 26.458 27.004 27.550	370 798	947	55.5	2
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Note: Cargo Volume is shown in Appendix 5, 12, 6

Appendix 5.12.4 Revenue in Without Case

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Appendix 5.12.5 Difference between With Case and Without Case

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Appendix 5.12.6 Relationship between Port Charges and Cargoes

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Note

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 Ship Service Charge is calculated by Number of Calling Vessels
 Passengers Services Fee is calculated by Number of Passenger
 Other Charges are calculated by Cargo Handling Volume

Appendix 5.12.7 Initial Investment Costs

(Unit: 1,000JD)

		②=①‡0.08	③=①+0.1		•	
	0	or 0.03	or 0.05	⊕ =⊕+③	⑤=④‡ 0. 18	⊚=⊕+\
1	Cost	Consulting	Physical	Cost	Tax	Cost
	· <u></u>	Services	Contingency	(before Tax)		(after Tax)
Civil Works						
Grain Berth	617	49	62	679	122	801
Container Berth	2, 816	225	282	3,098	558	3, 655
Container Yard	1,020	82	102	1, 122	202	1, 324
JFI-1 (Quay & Dolphin)	4, 702	376	470	5, 172	931	6, 103
JF1-North(Quay)	5, 427	434	543	5, 969	1,074	7,044
Buildings (Container)	505	40	51	556	100	655
Road & Yard(JFI-1)	232	19	23	255	46	301
Total	15, 319	1, 225	1, 532	16,850	3, 033	19,883
Equipment						
Conveyer (Grain)	1, 230	37	62	1, 292	232	1,524
Conveyer(JF1-North)	1,008	30	50	1,058	191	1, 249
Gantry Crane(Con.)	5, 540	166	277	5, 817	1,047	6, 854
Transfer Crane(Con.)	7, 200	216	360	7, 560	1, 361	8, 921
Loader(Fertilizer)	3, 480	104	174	3, 654	658	4, 312
Total	18, 458	554	923	19, 381	3, 489	22, 869
Utilities						
Container Yard	462	37	46	508	91	600
JFI-1	23	2	2	25	5	30
JFI-North	95	8	10	104	19	123
Angle Tower (JFI-North)	240	: 7	12	252	45	297
Total	820	54	70	890	160	1,050
Deepening or Cut						
General Cargo Berth	15	1	2	17	3	19
Grain Berth	62	5	6	68	12	80
JFI-1	264	21	26	290	52	343
Container Yard	2, 190	175	219	2, 409	434	2, 843
Total	2, 531	202	253	2, 784	501	3, 285
Direct Cost Total	37, 128		2, 778	39, 905	7, 183	47, 088
Consulting Services		2,035	102	2, 137	385	2, 522
Administration Cost (PC)		743	37	780	140	920
Physical Contingency		:	2, 917			
Total	37, 128			42,822	7,708	50, 530

		***				VV/11 . 1. VV	OJD)
			1996	1997	1998	1999	Total
Initia	l Investments (Cost	298	12, 897	26, 116	11, 219	50, 530

Appendix 5.12.8 Personnel Cost in 1994

Unit : 1,000JD

The second secon	Staff	Worker	Casual Labor	Total
Salaries & Wages	6,338	2.880	3,086	12,304
Other Salaries & Allowances	607		-	607
Total	9,825		3,086	12,911

Appendix 5.12.9 Investment Costs of PC until 1994

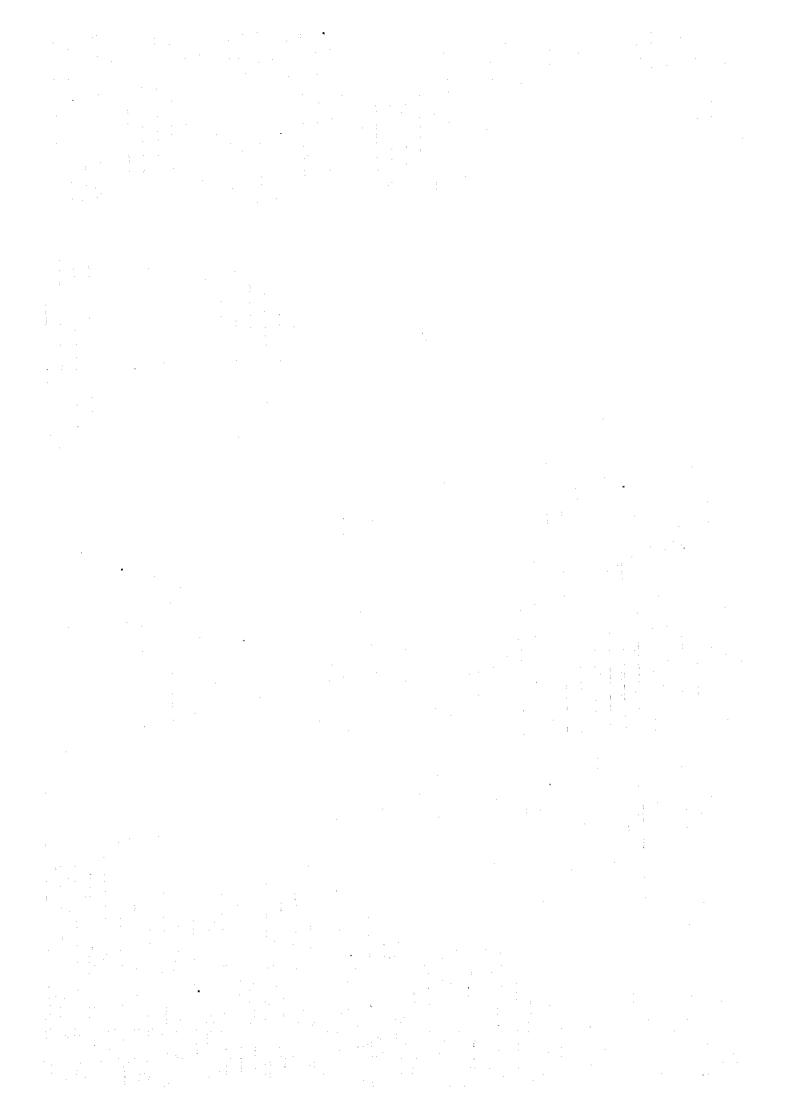
(Unit : 1,000JD)

	(0016 . 1,000)	· ,
er-springsbakelin i Meister voor helle van de stelle v	Construction or	
	Procurement Cost	
Berths	44,555	:
Road & Yard	7,466	
Building	25, 577	
Total	77,598	72.5%
Machines	23.085	
Equipment	3, 139	
Total	26, 224	24.5%
Land	826	
Furniture	2,373	
TOTAL	107,021]

Appendix 5.12.10 Calculation of FIRR

		- 1							
		D					1/6	(Unit≃	1,000 JD)
V a da		Revenues	T-4-9		Cost		(Revenue)	_	Net Present Value
Year	Operating			investment		îotal	, ,	Revenue	Cost Differenc
1001	t	(G. Fund)			Expense		(Cost)		
1994	0	0	0	0	0	Ō	0	0	0 0
1995	-0	0	<u> </u>	0	0 }	0	-0	-0	0 -0
1996	-0	0	-0	298	0	298	-298	-0	255 -256
1997	-0	0	-0	12, 897	0	12, 897	-12, 897	-0	10, 231 -10, 232
1998	263	0	263	26, 118	363	26, 481	-26, 218	193	19, 447 -19, 254
1999	1,678	0	1, 678	11,219	961	12, 180	-10, 502	1, 141	8, 280 -7, 139
2000	3, 425	0	3, 425	0	1, 156	1, 156	2, 269	2, 155	727 1,428
2001	4, 415	0	4, 415	0	1, 156	1, 156	3, 259	2, 572	673 1,899
2002	5, 082	0	5,082	0	1, 156	1, 156	3, 926	2, 741	623 2,117
2003	5, 771	0	5, 771	0	1, 156	1, 156	4, 615	2, 881	577 2, 304
2004	6, 242	0	6, 242	0	1, 156	1, 156	5, 086	2, 885	534 2, 351
2005	6, 888	0	6,888	62	1, 156	1, 218	5, 670	2, 947	521 2, 426
2006 2007	7, 366		7, 366	3, 481	1, 156	4,637	2, 730	2, 918	1,836 1,081
2008		0	7,871	281	1, 156	1, 437	6, 434	2, 886	527 2, 359
2009	8, 417 8, 635	0	8,417	Ò	1, 156	1, 156	7, 261	2,857	392 2, 465
2010	9, 016	0	8,635	0	1, 156	1, 156	7, 479	2, 713	363 2,350
2011	9, 016	0	9,016 9,016	0 8, 133	1, 156	1, 156	7, 860	2, 622	336 2, 286
2012	9, 016	0	9,016	8, 753	1, 156 1, 156	9, 289	-273	2, 428	2,501 -73
2013	9, 016	0	9,016	3, 273	1, 156	9, 909	-893	2, 247	2, 470 -223
2014	9, 016	0	9,016	3, 481	1, 156	4, 429 4, 637	4, 587 4, 379	2, 080 1, 926	1,022 1,058 990 935
2015	9, 016	0	9, 016	281	1, 156	1, 437	7, 579	1, 783	
2016	9, 016	0	9,016	0	1, 156	1, 156	7, 860	1,650	284 1,499 212 1,439
2017	9,016	0	9, 016	ŏ	1, 156	1, 156	7, 860	1, 528	196 1, 332
2018	9, 016	0	9,016	Ŏ	1, 158	1, 156	7, 860	1,414	181 1, 233
2019	9,016	0	9,016	Ŏ	1, 156	1, 156	7, 860	1, 309	168 1, 141
2020	9,016	0	9, 016	0	1, 156	1, 156	7, 860	1, 212	155 1,057
2021	9,016	0	9,016	62	1, 156	1, 218	7, 798	1, 122	152 970
2022	9,016	. 0	9, 016	3, 481	1, 156	4, 637	4, 379	1,039	534 505
2023	9,016	0	9,016	281	1, 156	1, 437	7, 579	952	153 808
2024	9, 016	. 0	9, 016	0	1, 156	1, 156	7, 860	890	114 776
2025	9,016	0	9,016	8, 133	1, 156	9, 289	-273	824	849 -25
2026	9,016	0	9, 016	8, 753	1, 156	9, 909	-893	763	838 -76
2027	9,016	0	9,016	3, 211	1, 156	4, 357	4, 649	706	342 364
2028	9, 016	0	9, 016	0	1, 156	1, 156	7,860	654	84 570
2029	9, 016	0	9, 016	62	1, 158	1, 218	7, 798	605	82 523
Total	246, 369	0				138, 254	108, 115	56, 652	56, 652 -0

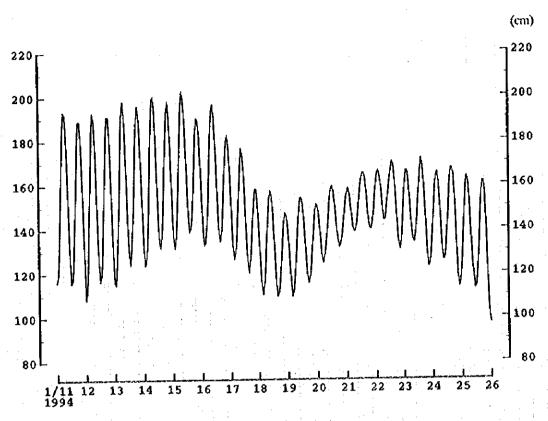
 $\begin{bmatrix} FIRR = 8.0X \end{bmatrix}$



Appendix 5.12.11 Financial Statements for Short-Term Improvement Plan

											1																									
PROFEE AND LOSS STATERED	(Unit-	1,000	10)					****	98.62	9102	4044	3.00 5		1701	7088	1001	2010	2013	2012	2013	2016	2815	2015	7617	2516	28:0	1624	7871	3022	2821	2024	2625	1916	2621	1928 202	a
Operating Sevenos			~ ~ 37 3 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6	- 1997 58 155	51.353		- 67 62 T	8 5, 9 7 6 ·-	7,766	15,181	-75.763-	7177	$n\Omega$	11.131	<u> 10. 615</u>	62. 12	13, 131	_B11	15.114	35,754	13.233	15.113	10.10	15,116	11,21	13 ist	13 714	TS 134	15.11	63, 714	3.11	- 10.111	15.214	12.11	3 11 33 17	А
Operating Expenses	21.447	22,009	12. \$74	23, 135	14, 961	24,523	23, 290	16.353	24, 415 11, 000	28.474	\$6,541 13,900	28. 184 13. 908	29, 543 13,000	20, £96 11,000	13.000	23, 158 23, 600	13,000	13,000	17, 492 13, 400	12, 800	13,006	24. 191 13. 996	28,311 11,000	20, 373	24, 676 11, 000	28, 459 13, 040	13 800	28.621 33.000	19,460	13,000	13,000	11,000	13,000		3,000 13,00	۱.
Personnel Balatenance and repair	13,304	13, 806 1, 815	13, 684 6, 682			13, 898 3, 831	E3,000 - 3,289	3, 351	3.414	3, 473	3,548	3. 602	3, 663	3.728	3.75	3, 853	3. 916	3, 979	4, 641	4, 104	4, 167	6, 250	4, 212	4, 155	4, 615	4, 411	4, 513	4. 606	4, 669	4, 712	4, 194	4.857	1, 924	4, 982	5, 645 5.10	•
dinistration	3.000	3, 508	4,004		5, 80 8	\$ 500	6,000	6,000	6,000	6.000	6.000	6. 904	6,000	6,600	6 903	6. 90¢	5.000	6,000	6,000	5,000	6, 900	. B, 000	6, 800	6,000	6, 900	6 040	E 000	6 600	6, 000	6,000	6, 806 5, 616	6. 800	6, 000 C 000	4,000 5 £85	5,000 6,00 5,018 5.01	
Presectation costs	3, 690	3, 690	3,650	3, 690	3, 690	4. 992	<u>6,001</u>	- <u> </u>		<u> </u>		- (, 90) - 13 1		- 5. \$58 - 50 611	- 3.303 52.200	-3.35	- 36, 413 ·		- 17, 163	31, 175	— <u>13.331</u> —	- 16.155	-411	-1:H	50, 750	 	- 36 675	: ::::::		38, 171		- 35,355 ··	36,364	\$6, (5)	1111 36 18	il
Bet Operating Income	15,156	23, 874				- 3 351	- 4:11	- 4:111		7, 817		-ii:ii:	11,111	13,750	15.050	-11, 113	10.10	19. 156	11.31	23, 607	15.476	27, 170	11.101	31, 487	31,615	35, 611	38, 652	(0.14)	(1, 69)	45, 121	47, 450	50,005	32, 313	\$4,824	7, 650 60, 23 2, 650 60, 23	
Interest on Ecosis For operating Espenses		293			2,547	3,323	4, 311	2 141	1,021	1, 023	9, [4]		12,005	12.46	15.055		10.11	313	31, 914 687	21,607 818	15, <u>176</u> 165	21.174	29, 462 663	31, 487 612	11,623	15, 8:1 50 h	38.952 458	48, 191 461	42, <u>891</u>	45.021 305		<u>50.895</u>	- <u>52, 393</u>	- 21: 160 3	2,450 60,23 41 1	d
Postoperating Espesses Interest on long-term towns	:		:		267 267	796	3, 021 3, 021	1.023 1.023	1.123	1, 023	1,023	1,111	1.623	1,021	3.023	1, 010	114	111	882	111	165	714	iii	617	560	54.9	450	467	356	305	254	202	jšį	110	- 49 - 4	
Interest on wheel-term leans	;	i.		i	• •	17	,,,,,			•	•					•	. !	:	. !		•	!		. 5	•		:			. !		:		: :		اد
fachange balance fel laccae defore fox		- 13 OF				15-52		- 10 10	18.71	-357.6		37 (2)	33.552	77.70	11.71	ा ।	मामां :	73,115	75,115	71,625	្រេស	13.59	75,765		_11,114	92 (17)	11.16	31 330	11.11	TELEO.	165, 446	ាក (ជំ	110,506	310:18 <u>1 - 3</u> 3	3 37 TITE 37	⊿ _
	-12-13	23, 413	- 31.43			10 1	31, 707	72, 77			•		. 0										_,,,,			-6-7-0							+ + -	44 11 11	3 3 1 T 112 35	al .
Fat lacone after fan	15, 156	17, 455	31, [16	31.01_	30 214	40, 523	42,583	41, 161	16.214	53, 239			55, 422	61, 24		69,142	- / 1. 53 1					57,331	22-122		_ <u> 2 - 2 - 2</u> -	32, 617		35, 551	33.3	141 124	102.340	(05, 1)2	194, 304	310, 911	210	il -
(Contribution to the Soveresent)	-11-11	73 455	-3078	36.642	39. 311	48, 521	42,585	45, 984	ाक्टमर्गे,	31,719	54,740	31,61	60, 622	(3t	(6.21	69 (4)	11,10	15, 187	76, 333	11,625		13,531	45,441	11, 131	11,660	32, (1)	14.766	\$1,554	. 16, 11	141,147	193.448	106.142	118,594	110.60	3,576 16 32	al .
(Contribution to the Soversquat) Pat Jacone After Contribution Petalone Faratogs	15, 956	15,47	70,59	107, 213	145, 451	184,085	118 171	114,658	323, 452	175, [1]	424, 351	487, 579	545,281	111,551	117,788	746, 517	120, 111	696,505	314, 193	1, 934, 524	1, 136, 385 1	. 219. 034 1	. 785. 581 3	. 25), 255	1,483, 358 1	215,114	. 653, 860	1.711.111	3, 351, 926	1, 155, 174	2, 263, 721	7, 175, 183 1	200, 207 7.	181, 218 2,50	0, 047 2, 023, 16	
TASO CON STATEODY	Gin 1 d a	1 000	465																			·									<u> برموري المحك</u>					-
_ I .	1114	1115	1396	1331	1356	1111	1900	1001	2002	2003	273, 395	2005	2016	(18 34	-111-767 111-111	. KAZ KAS	-y5Y X 3 1		-114,134	363,555	7 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	757, 2015 157, 203 T	2915 205.381 E	213 132	ריוניתנו	का जिल्ह	. 553. 151-	T. 141. 151. 3	2. 712. 75E	1. 157. 152	1. 937. 345	2.031.026.7	110, 462 1	211,706 2 3	7. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	А
tesh leginning tesh legion (excluding & funds)	70.872	27,655	39, 421 35, 890	50, \$13	21 122		- 124, 254 - 41, 414	53,009	35, 8 8	~ ?!}}}	\$1,788	14.653	190 655 17,523	737, 335	71.11	76,080	10, 51	11,311	11, 111	15, 737	17.537	19, 17	* \$1.574	17,361	95 438	17.34	15, 141	111, 171	111, 165	188, 524	185, 119	111, 132			1 11 11 13	
Set operating faccuse	15, 156	23, 674	30, 210	34, 520	35 938	33, 102	11, 111	41, 626	43, 252	44.115		38, 113	45,639	50.913	52.209 5.901	. 53,42) 5,503	56, 413 3, 995	56, 350 5, 505	\$7. 6 92 5, 050	57, 435 5, 855	37,676	58,933 5,872	\$6,921 5,018	56,861 5,818	56.718	56,775	56.473 5.918	\$6,610 5,010	\$4,574 4,938				54, 264 5, 950		6,171 56,18 5,414 5,91	
Depreciation costs	3, 610	3, 410	3, \$13 224				1,0E1	6, 00 L	6, 001	6. Oat	6, 00 L	6,001	3,410	5, 95B		2. 3.0			7,11	4.47	v	· · · · · ·	•	1	2. 7.1	7, 1,		3,3,0	""		4	9			111	4
tung term Soons Interest on deposits	i	111	355	1, 111	2.547	3, 321	4, 281	5, 182	8, 555	7, 817	1,10	18,579	12,006	13,455	15,014	15, 723	18, 438 8, 555	- 11.155	15.296	1, 107		27.376 6.588	19,402	15,407		35, 511	33. 15	49.347 6.059	12, 137	45, 823		50, 045 -	-12 393	54.674 1 1885	7, 450 - 50, 21 5, 111 - 1 16	Н
Taterest on deposits Tash Dutificy fexclusing & funds)	3.331	3, 630	3, 384 3, 984	16,597			4,713 1,530	5, 630	9, 113 3, 610	8, 133 3, 690	1, 113	2, 752	8, 199 7, 171	3,05E 3,471	1.610	6, 374 3, 694	3, 630	11, 023	12, 443	6. 163	7, 171	3. 97 E	3, 610	3, 630	3, 610	3. 610	3. 690	1, 152	7. 171		3, 138	11,823	11. (1)	6, 961	3, 630 3, 75	
Investment Inv	3, 114	3, 131	7, 764	19, 307	41.60	. 11.701		3,17	•					11	455	1, 414	1.895	1, 115	1, 495	1.455 816	1.835	1, 895 714	1,115	1.835	1, 415	1, 815	1, 055 454	1 055 407	1, 195	8, 655 365		1. 815 202	1, 695 151	1,684	1,400 42	ان
Internat on long-term leans	•	į	•	•	217	156	1, 12)	1,023	2. 723	1, 423	1, 11)	1.022	1, 02 1	1.023	1.023	1. 11	7/1	177	- ";	•11	713	- 11	**;	• 12	"	3(1	131	***	- ''i	102	. 43	272	131	174	7	4
fur thouselbution to the Covernment)	1 1	- 1		;	i	i	ï	i	ï	i	i	i	i	i	•	•	į	•	•	9	. •		į	į			- 1	!	. !	•	•	•	•	•		.
laterest on short-ters foans														-13-75			- 22 78	45.332	68. 108	78.865	77.78	12.73	- 25 (1)	17.176	33.712	9.0	-15:55	25.321	ारक	-155.333	705.05	- p.36	15.216	387.38 (*********************	7437777777	Л
Interest on whort-term foons Cash Caller - Cash Dulflow Cash Eading	15, 556	11.415			- 135 674	11 130 11 130	71, 500 115, 634	217, 158 217, 158	-10.882	373, 185	\$7, 875 430, 115	110,155	311.317	rii iii	- 132, 145	187, 551	126, 155	111.111	965, 535	1. 613, 597	1, 117, 383 c	, 200. ibi T	. 285, 758 1	. 373, 363	1. (6). (6)	555, 111 1	. (13. 13)	1. 18. 181	(, e31, f32	1, 127, 165	7, 641, 826	1,138,488 2	. 217. 106 3.	244, 896 2, 4	7 499 - 117,57 3 198 2 375 56	Л.,
fish excees	15. 856	33, 411	20,523	183, 540	135,611	374, 754	215, 654	283, 954	319, 051	313, 185	430, 175	410,452	\$49, 312	614, 711	612 615	152. 554	426,755	116.121	963, 535	1, 818, 593	3. LL7. 303 F	. 200, 101 1	. 245, 118 1	. 372, 261 1	1, 46), 561 1	553 111 3	, 646, 830	1, 142, 751	5, 431, 552	1, 937, 945	2, 643, 425	2.138,488 2	1, 237, 796 Z.	344, 835 3. 4:	2, 136 2, 575, 56	اد
Crab abortage												<u>-</u>						· · · · · · · · · · · · · · · · · · ·												· · · · · · · · · · · · · · · · · · ·						
DALAUCE SHEET	(6011-	1,007	<i>(1)</i>	·		·			****		1000		****	2041	1000	1000	2010		2017	2011	2014	7815	2916	2213	9818	701	7573	2821	7072	7923	1011	2025	2424	2927	2524 202	ri -
(Assafa)	1396	1395	1958	1397	1178	1939	1990	2013	5005	5087	5000	2603	2301	204	2399						·															.1
Current Assets	J.Š. 958	39, 421	18,513		135,621	174,754	218. 654	167, 958	319, 958	313,105	430, 175	450, 653		618,788 618,788	692,665 692,665	152, 554 152, 554	126,755		167, 535	1. 4)9, 597 1. 414 (87).[[7,30} E).[[7,30] A	, 200.193 1 200 101 1	. 265. 118 1	372.367], {{}}, {{}	551 111 1	444 410	1,742,751 1 342 151	1, 417, 192 L 117 142	1, 117, 545	2, 641, 826	2.135,488 2	1,217,706 2. 1 917 766 2.	344, 836 Z. 4: 344, 836 Z. 4:	a, 194 2, 175, 56 a, 196 2, 575, 56	ار
Cash & Deposit	65, 584	39, 421 83, 584	78.523 63.882					287, 950 : 386, 192	119.854 105.861	373,305 183,569	430, 175	\$1,005	141,387	10.515	95, 104	\$3.185	\$1,676	97, 581	164, 961		169, 630	187, 924	106. 881	165, 273	L63, 345	362 611	191,284	L00. \$22	162, 262		15, 774	186, 579	312, 911	115,378 31	0,450 L13.16)
Fixed Assets Construction costs	*****		214	19, 115	51, 111	50, \$31	59, 532	50, 532	50, 502	50.532	50, 512	56. 594	54,075	54.356	\$4,955	\$4, 156	14. 356	62, 663	11,242	74,515 277,334	77, \$96 180, \$24	78, 277 184, 514	78, 277	18, 211	78, 277 195, 585	18.277	70, 277 202, 563	78, 319 206, 655	81,428 156,145			90, 234 222, 415	.93, 987 225, 158		2,118 102,26 2,486 236,17	
Existing Fixed Assets	43, 478		114, 492 58, 010		121.752	125, 473 63, 180	£21, 163 61, 162	192, 853 15, 193	118, 543 41, 144	140, 217 07, 116	113, 121	147, 611	851,383 105 876	334, 993	114.971	152, 174 122, 844	166.064	134, 654 .	139, 795	144, 800	149, 181	154, 842	159, 886	164, 639	169, 317	174, 975	179, 551	140, 912	184, 943	195, 014	299.452	205,071	210, 121	215.216 2	0, 214 225, 25	? [
Artsunslated Sepresiation *** Fet fixed batets	13,544	63.584	63, 682	16,771	(02.43)	112.014	BLD. 503	186, 192	145, 68 (103,569	101,250	51, 855	160, 302	18, 215	36, 140	13, 845	\$1.670 916.426				109,436 1,226,333 f	197, 979			103, 145		101.288	100.022	102, 203	\$41, 187 2.033, 847		106,579			0,450 E13,18 2,445 2,680,75	
Total Assets	39,540	L01,805	131, 495	160,718	110.525	247.512	130, 157	376, 141	12 (. 915	475, 114	531, 414	589,062	\$45, \$64	213, 923	774.765	146, (4)	916, 428	374, 118	3, 966, 511	1, 149, 415	3, 220, 337 1	. J00, 011 1	. 3) 1, 713 3		1, 303, 540 6	. 653. 117 5	. /44. 14	1, 412, 713	2, 713, 733	2,033,047	4, 190, 490	4,443,044 6		139, 113, 5, 5,	<u>., 440 8. 800. 50</u>	1
(Liabli)ties and capital)			224	1, 613	29, 485	17, 819	37, 859	37, 839	17, 211	37, 65\$	27, 144	37, 859	31, 813	27, 818	37, 353	25, 911	34. 024	22, 123	29, 224	20, 333	26,444	24, 549	22, 654	20, 759	18, 352	15.959	15, 474	13, 171	11, 224	9. 369	7, 195	5, 598), 785	1, 621	421	ان
Current Alabilifties (short-tere fena)	<u> </u>			•		17, 233	37, 893	37, 411	27, 113	17, 655	37, 813	31, 699	31, 411	37, els	37, 233	35, 311	14. 824	32, 123	30, 234	28, 339	26. (11	24, 543	22. 654	20, 751	11, 314	31.961	15, 874	19, 171	15. 254	3, 383	7, 495	5, 104	3. 785	£, Ω1 −	421	ا،
Fixed Clabilities (Leog-term Foam) Copitel	79,548	141,405	224 134, 141				112 251		367, 015	418, 775	493, 533	551, 163	611, 745	675, 175	741. 111	810, 521	884. 402	\$50,089			3, 193, 869 1		. 38 9, 145 1			. 638. 778 P		1, 129, 594 1				2, 219, 412 2.	1, 347, 973 7.	454,853 2,51	2, 425 2, 698, 75	41
In kind by Coveragent Junds B		•					141.15	144	140.01	152, 866	258, 556	160, 200	167, 473	171,450	175, 141	175.101	L12,526	134, 344	206.787	2(3, 754	220.121	274 892	22 B. 5 B.Z	212. 223	715, 117	235.653	243, 341	247, 815	254, 256	25B, 237	261,927	273.750	266, 194	281,035 20	1, 145 200, 51	۱.
funed Cupital *** Belained Curalage ***	107,072	110.312 -7.202	114, 477			838,584 833,584	161,796		149, 176 237, 860	245, 163		390, 855	444. 306	503,514	568, 231	631.64D	761,881	165.745	031, 495	104, 357	370, 3ES 1	. 658 509 1	. 149, 562	. 224. 6DB 1	1, 319, 779 8	. 388. 115 8	. 485, 781	1, 102, 419	b, \$14, Z\$4	1, 311, 424	1, 271, 579	4, 485, 716 2.	1.063, 779 2,	185,759 2.2	5, \$40 2, 188, 21	١ ١
Rotel lebilities ent conital	10.333	141,005	336, 493	136,315		287,568	339, 157	378, 191	414, 535	416, 674	531, 414	585,042	649, 584	713,873	778,755	116, (10	112,426	137, 130	1,065,518	1, 146, 446	1, 226, 113-1	. 361, 121_1	, 311, 299 <u>1</u>	. (27, 144, 1	1,565,604 1	555 T47)	, 743, 114	3, 842, 774	i, 919, 795	2,019,147	2,149,400	2.245,046 2	, 351, 677 2.	414, 574 2, 5	2, 645 2, 689, 75	.j
Flightlit tibicatous	·			•				:											1 4								<u> </u>			<u> </u>						
	1114	1995	1918	1887	1958	1919	2000	2005	2002	2003	2004	2403	2001	2017	7060	2049	2016	2111	2012	2023	2014	2015	2016 27.5%	2617		2019	20 20	2021	2011	2023	2924		2626	2627	2621 232	d
Porting Eatle (t)	\$1.50 51.31		35.1	\$ 33.51 \$ 39.81	1 34.4 1 40.1	1,	11.01	11.53	31.31 39.6%	34 6	30.0%	39.55 31.35	28.05 38.55	28.63 38.63		27.83	39, 41	33.4%		27. LT		33. 24	11.28	23. 2%	13.13	33.41		33.63	33. 61	33, 85	3 33.63				34.13 14.	
Operating Ratio (1) Pate of Roturn on Ret fixed Assets (1)	8 1			\$ 45.51	1 . 14.1	£ 59, £1		38.51	40. 53	- 11.4		11.63		\$1.43			61.51			\$3.41		52.61	51.43	\$4. 85 26. 7	54. CL	55.31 25.7		\$6.13	35. 41 21. 4			1 51.93 25.3	43, 43 30, 6	48.53 30.1	49.13 19. 42.2 141.	
Debt Serotce Coverage totto	<u>ll.l</u> .			6358.2	1.68.3		(1,1	16.5		43.1	53.4	51.1	16.7	55.8	38.3	73.9		11.3				£3. d	41 8	43.4												-3
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6.4 Environmental Impact Assessment

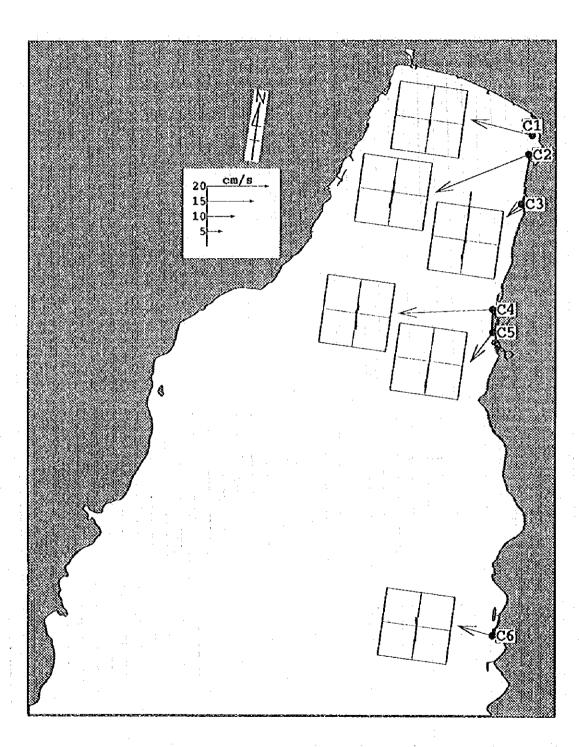


Appendix Figure 6.4.1 Variation of Water Level during 11 Jan. to 25 Jan. 1994

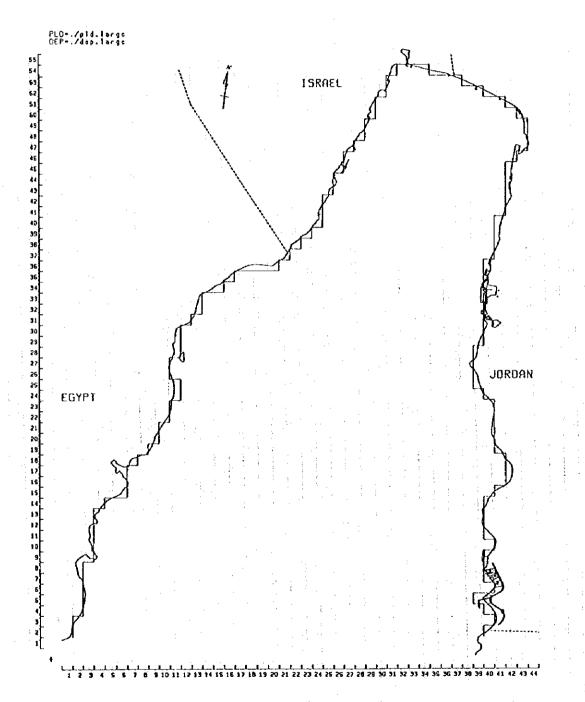
Appendix Table 6.4.1 Harmonic Constants of Tides

Component tide	Amplitude(cm)	Phase(degree)
K ₁	2.9	44.4
0,	0.8	262.5
P ₁	1.0	44.4
Q_1	0.4	303.7
M ₂	27.9	276.1
S ₂	10.4	293.0
N ₂	6.6	282.2
K ₂	2,8	293.0
M ₄	0.1	324.9
MS₄	0.1	310.0
C	149.6	-

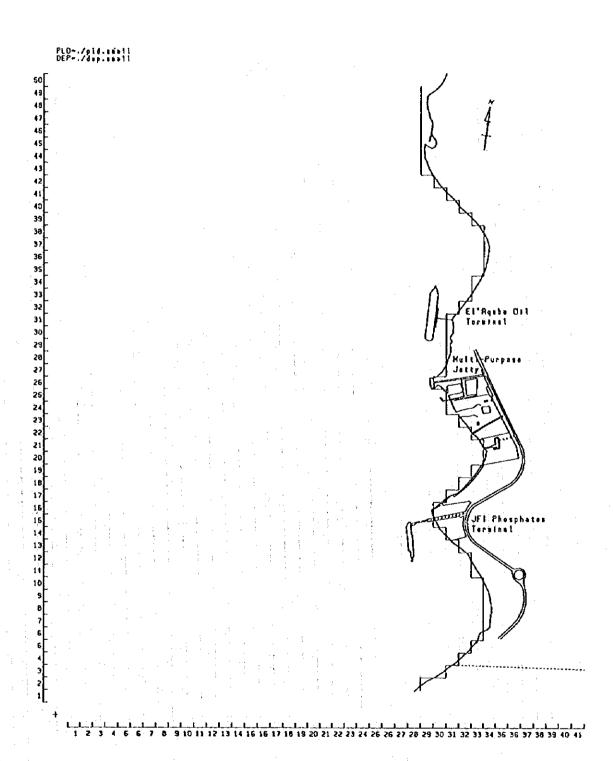
Note: C shows the mean water level for 15 days



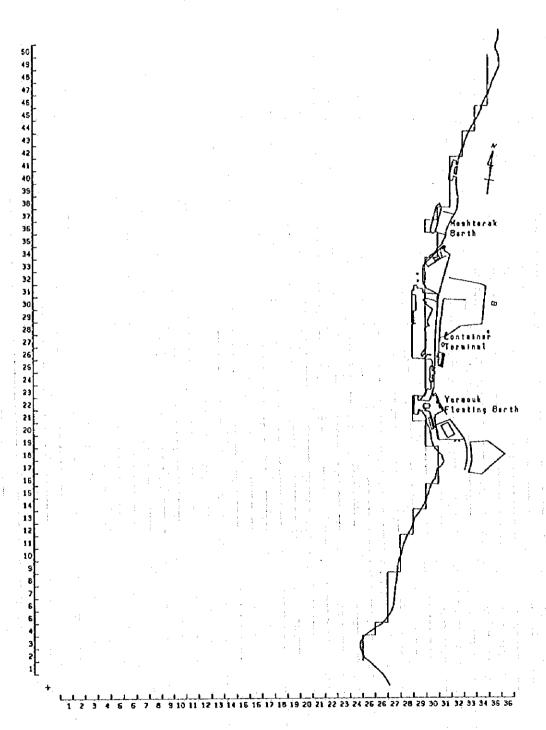
Appendix Figure 6.4.2 Result of the Field Observation of Current Flow during 13 Jan. and 15 Jan. 1995



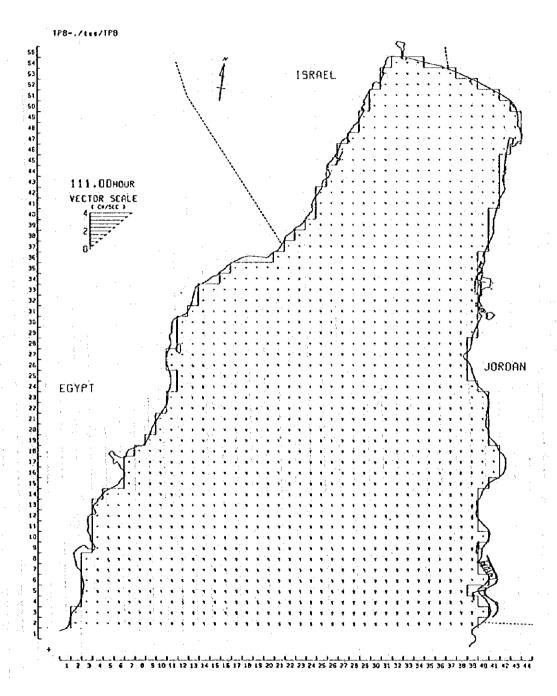
Appendix Figure 6.4.3 Configuration used in the Calculation for Large Domain



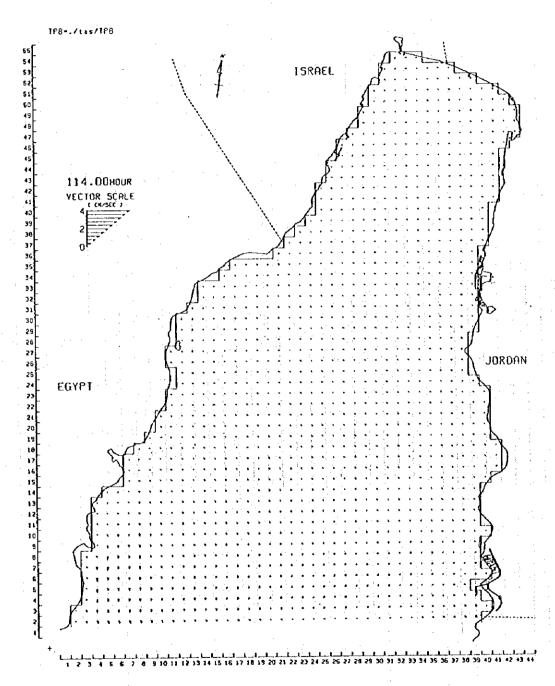
Appendix Figure 6.4.4(1) Configuration used in the Calculation for Small Domain (Container Port)



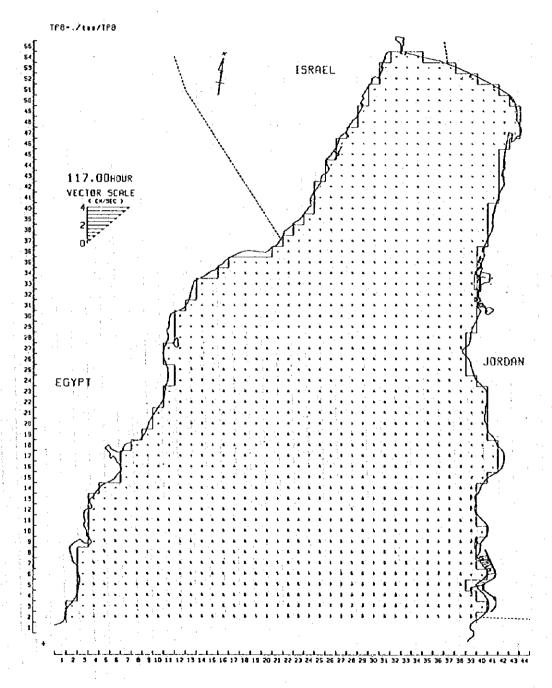
Appendix Figure 6.4.4(2) Configuration used in the Calculation for Small Domain (Industrial Port)



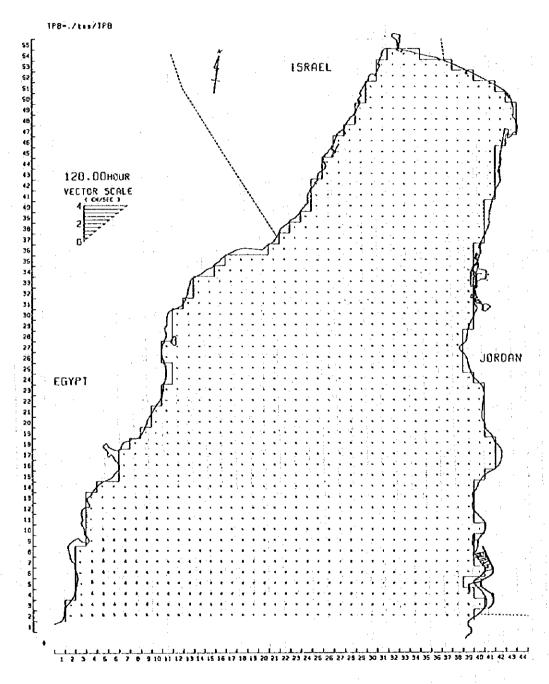
Appendix Figure 6.4.5(1) Result of the Calculation of Current Flow for Large Domain at an Ebb Tide



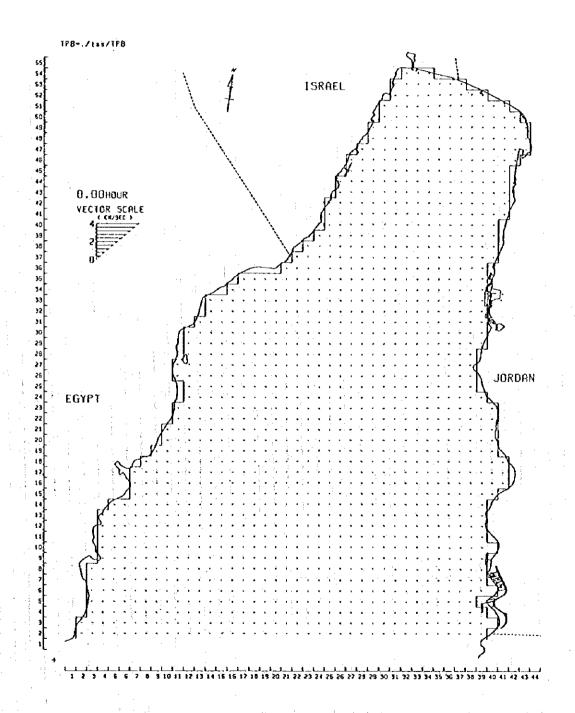
Appendix Figure 6.4.5(2) Result of the Calculation of Current Flow for Large Domain at a Low Tide



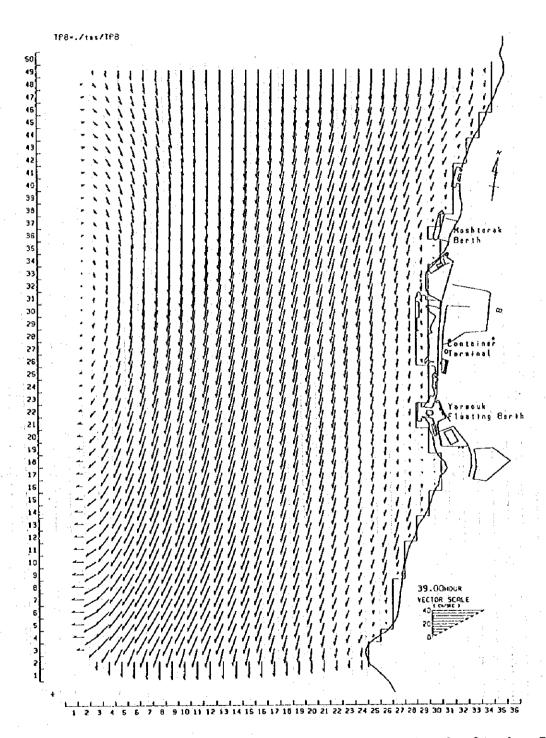
Appendix Figure 6.4.5(3) Result of the Calculation of Current Flow for Large Domain at a Flood Tide



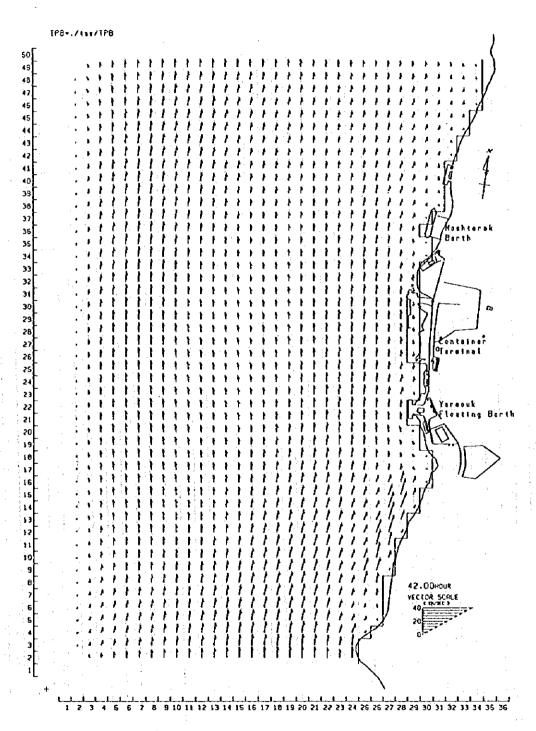
Appendix Figure 6.4.5(4) Result of the Calculation of Current Flow for Large Domain at a High Tide



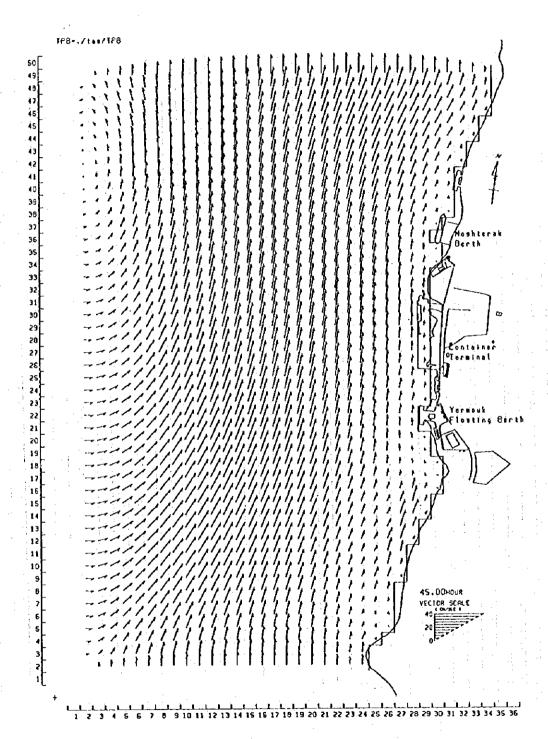
Appendix Figure 6.4.5(5) Result of the Calculation of Current Flow for Large Domain



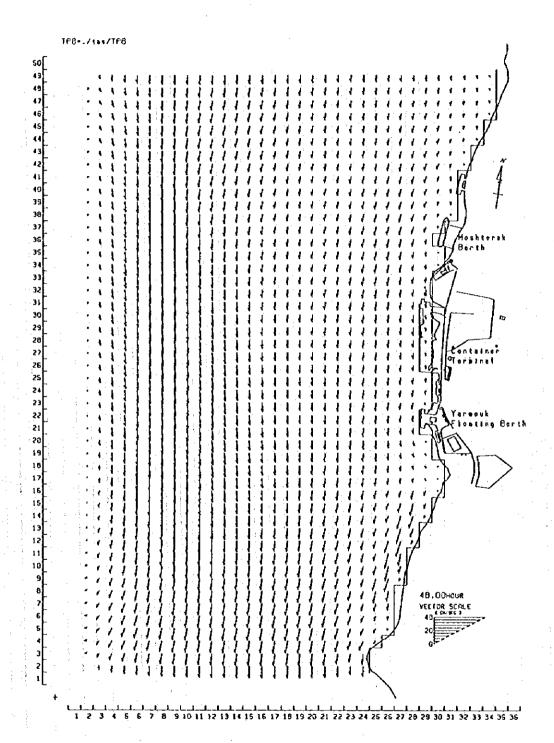
Appendix Figure 6.4.6(1) Result of the Calculation of Current Flow for Container Port at an Ebb Tide



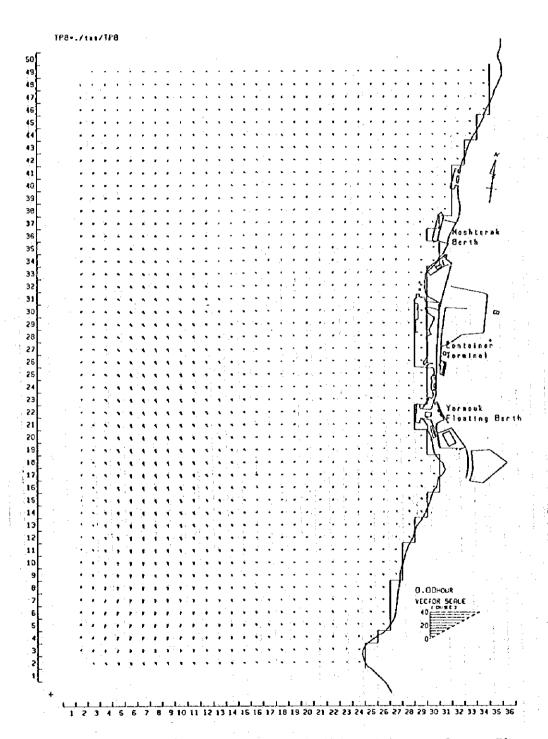
Appendix Figure 6.4.6(2) Result of the Calculation of Current Flow for Container Port at a Low Tide



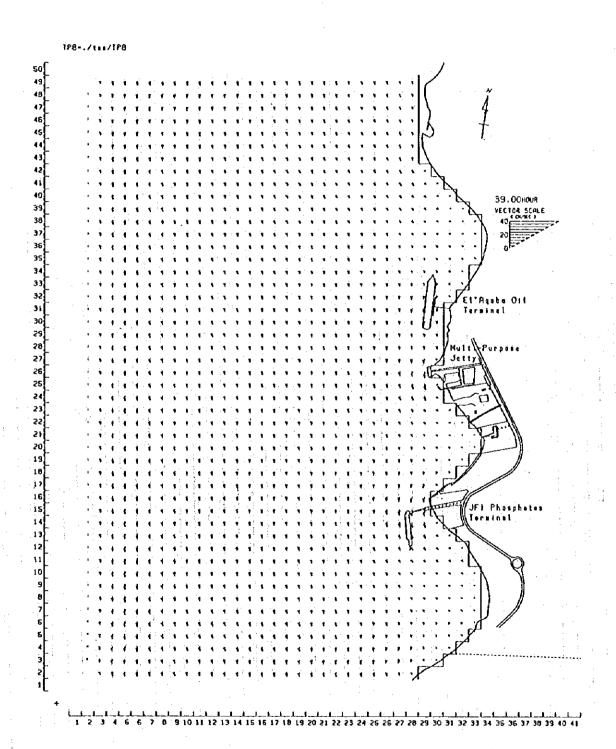
Appendix Figure 6.4.6(3) Result of the Calculation of Current Flow for Container Port at a Flood Tide



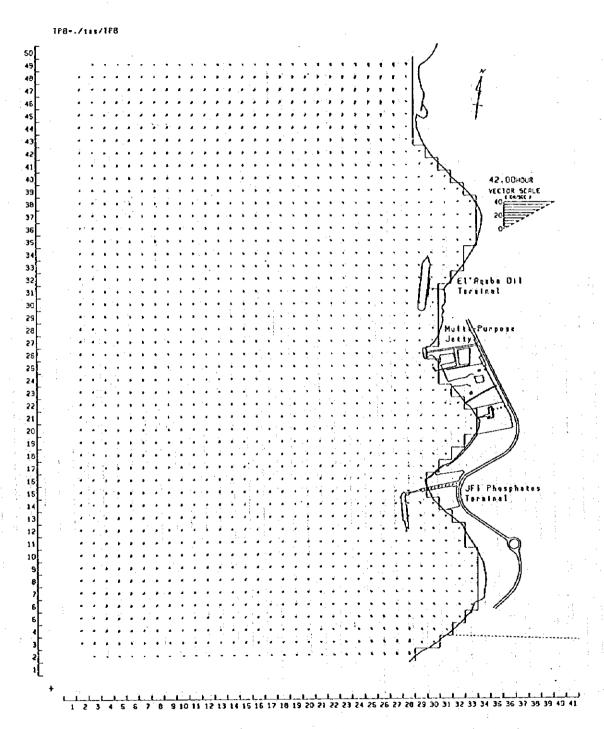
Appendix Figure 6.4.6(4) Result of the Calculation of Current Flow for Container Port at a High Tide



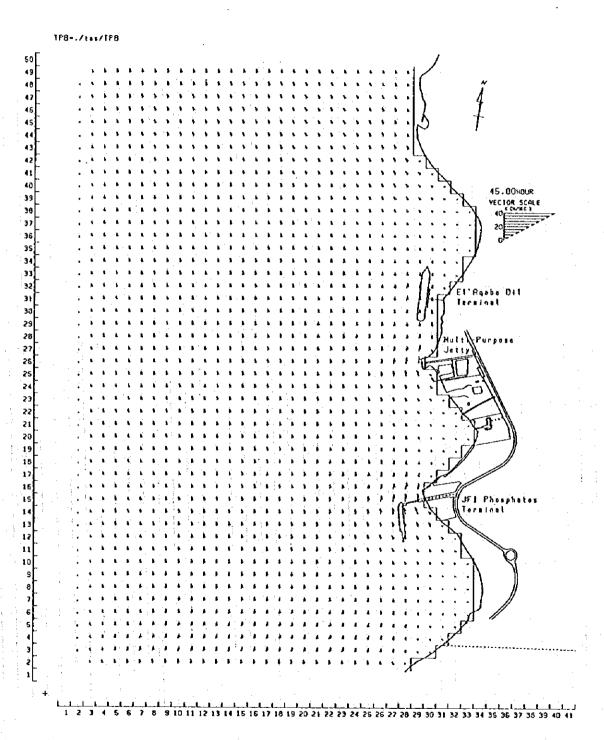
Appendix Figure 6.4.6(5) Result of the Calculation of Average Current Flow for Container Port



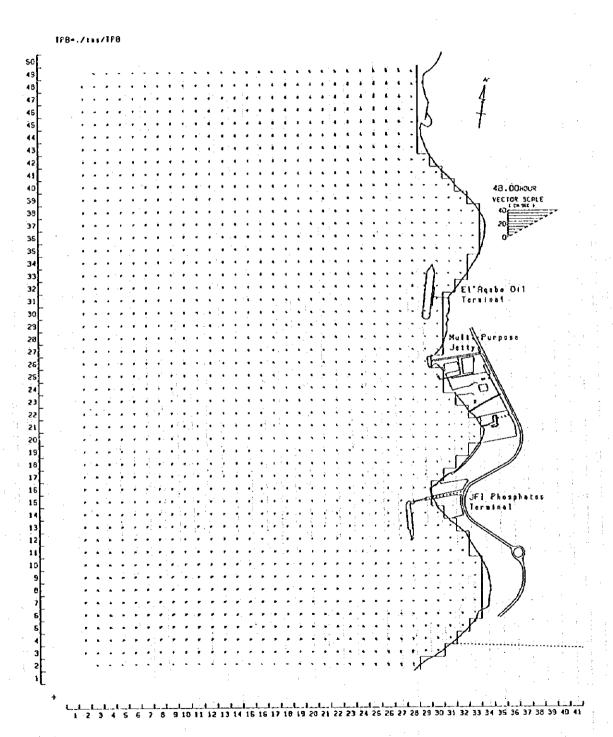
Appendix Figure 6.4.7(1) Result of the Calculation of Current Flow for Industrial Port at an Ebb Tide



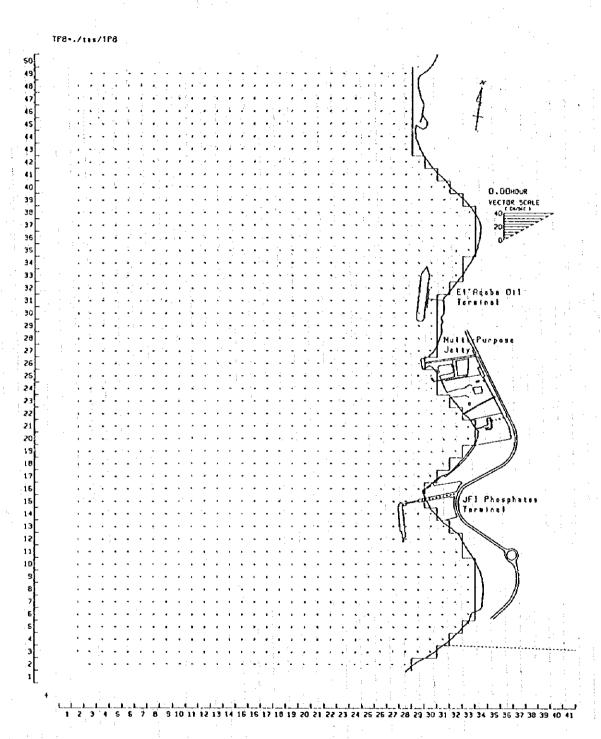
Appendix Figure 6.4.7(2) Result of the Calculation of Current Flow for Industrial Port at a Low Tide



Appendix Figure 6.4.7(3) Result of the Calculation of Current Flow for Industrial Port at a Flood Tide



Appendix Figure 6.4.7(4) Result of the Calculation of Current Flow for Industrial Port at a High Tide



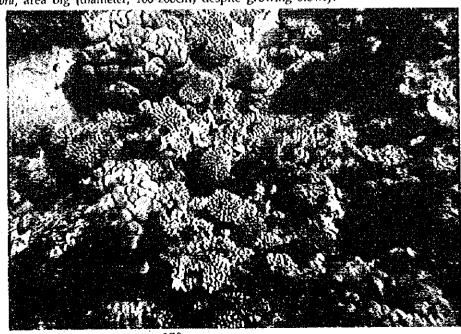
Appendix Figure 6.4.7(5) Result of the Calculation of Average Current Flow for Industrial Port

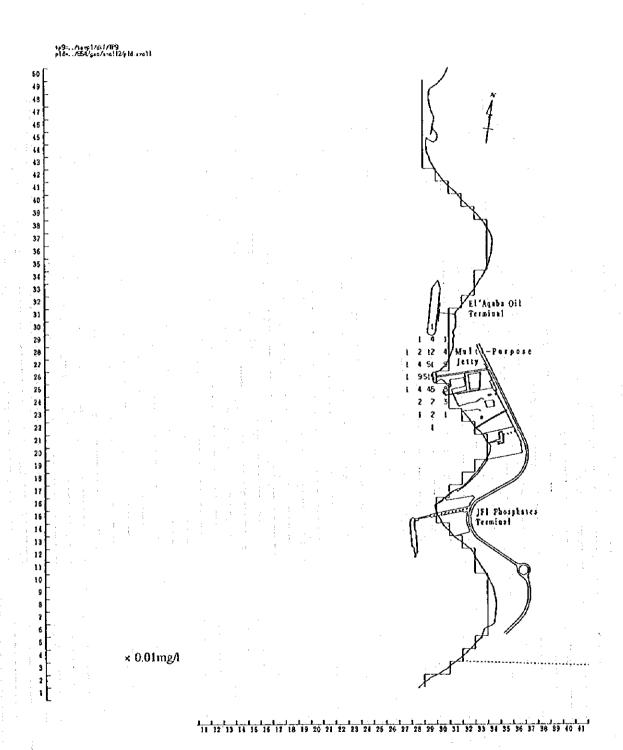
Appendix Table 6.4.2 Occurrence of Coral by Genus Level around the Container Port and Industrial Port

	and medical voice	
Genus	South to the Container Port (Passenger Port)	Industrial Port
Pocillopora		+
Stylophora	С	+
Асторога	c	c
Acropora	C	C.
Асторога	+	
Porites	+	+
Pavona	c	С
Coeloseris		+
Pachyseris	+	
Lobophyllia	• • • • • • • • • • • • • • • • • • •	+
Favites	+	
Platygyra	+	+
Cyphastrea	+	
Millepora		С
Number of genus observed	11	10

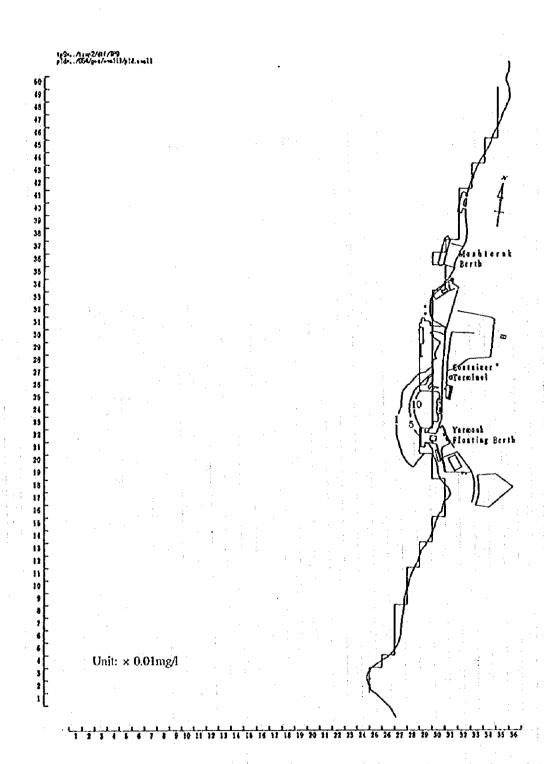
Note: + means "present" C means "abundant"

Coral communities at both surveyed areas seem to have died once and to have grown again in these several years. This is suggested by facts that all colonies of environmentally sensitive groups, such as Acropora, are small (diameter: 20-100cm) in spite of their rapid growth, and that some colonies of more tolerant groups, such as Parites, Pavona, Platygyras and Millepora, area big (diameter; 100-200cm) despite growing slowly.

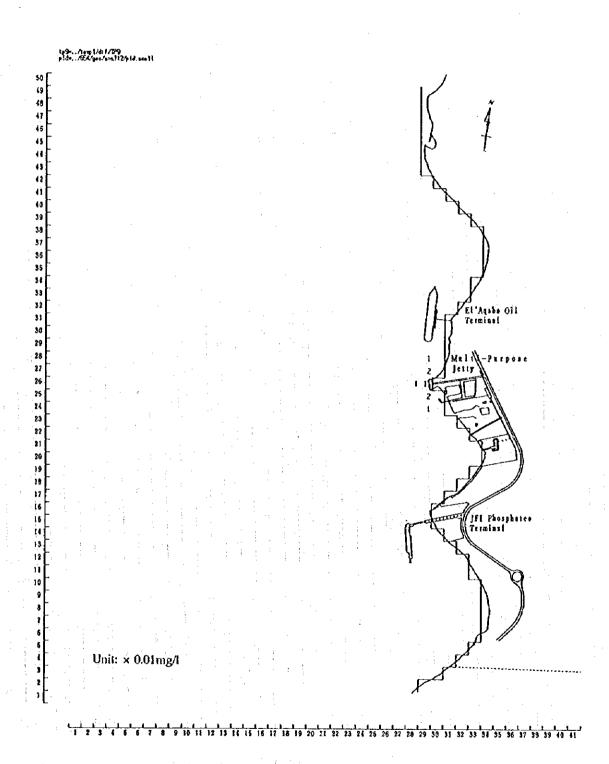




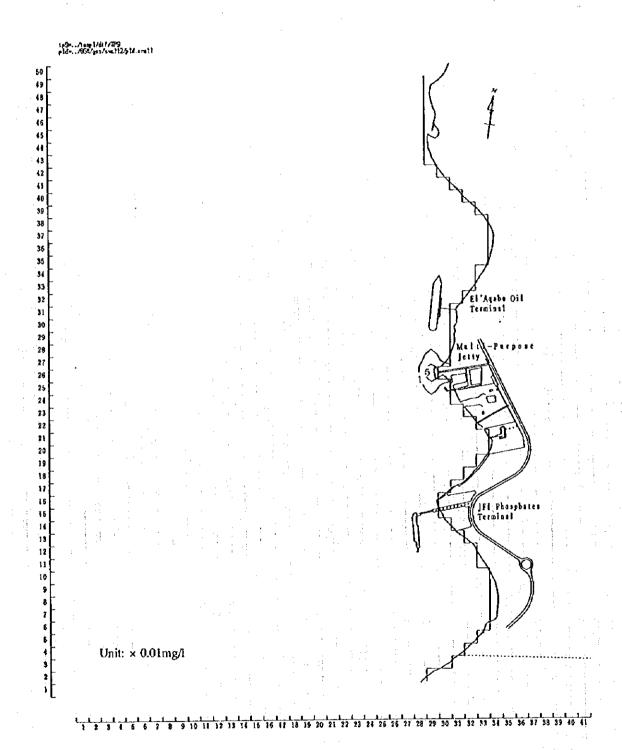
Appendix Figure 6.4.8(1) Maximum SS Concentration in Each Grid (Container Port)



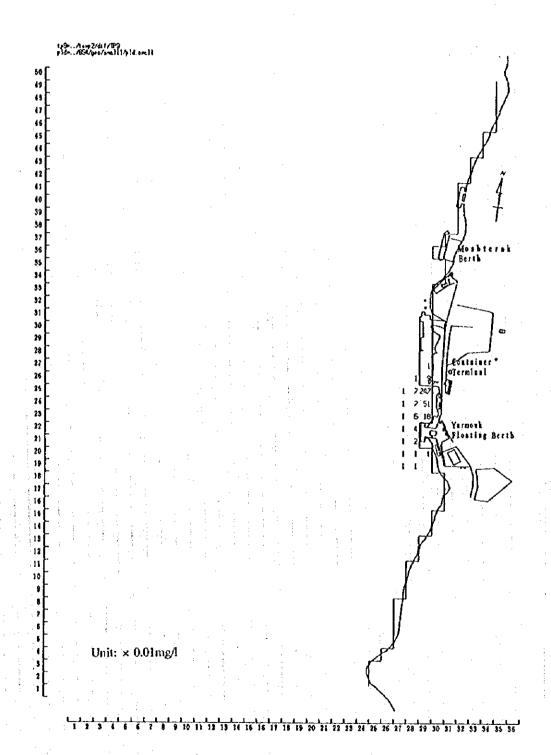
Appendix Figure 6.4.8(2) Horizontal Distribution of Maximum Concentration of SS in Each Grid (Container Port)



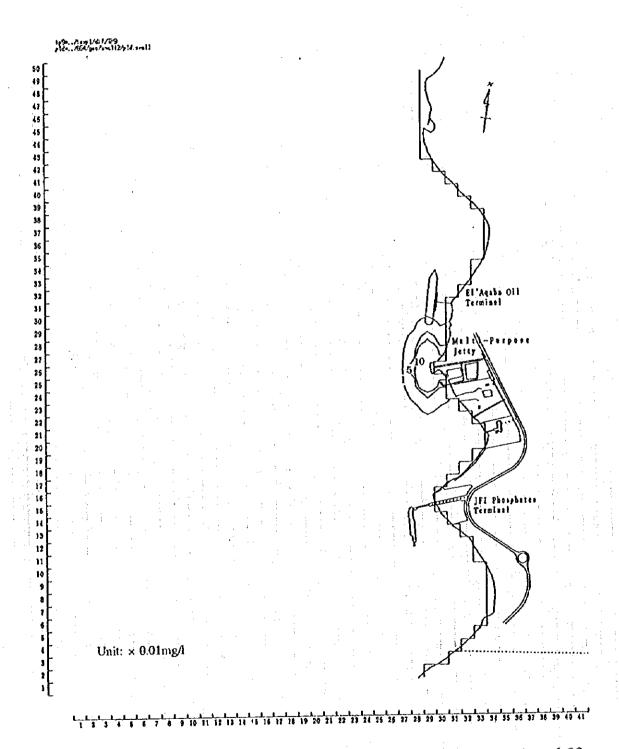
Appendix Figure 6.4.8(3) Daily Mean SS Concentration in Each Grid (Container Port)



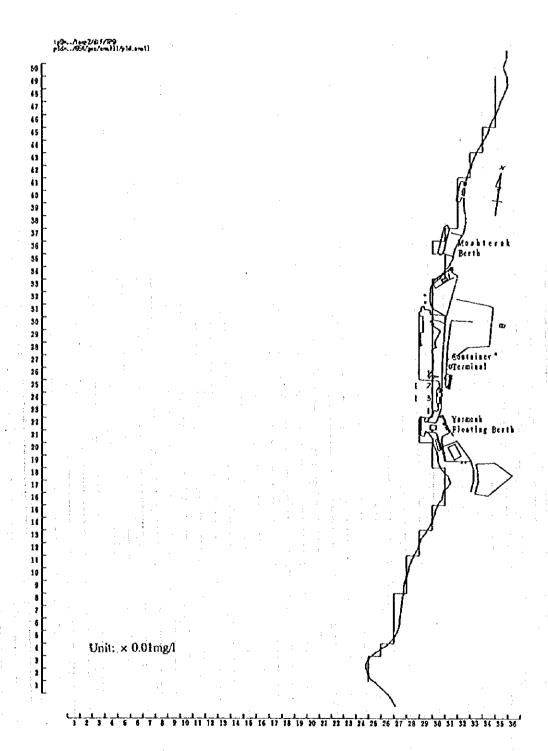
Appendix Figure 6.4.8(4) Horizontal Distribution of Daily Mean Concentration of SS in Each Grid (Container Port)



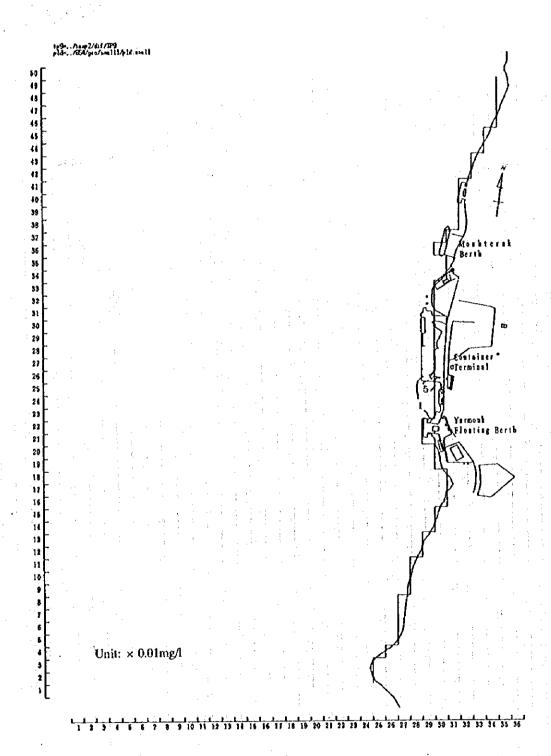
Appendix Figure 6.4.9(1) Maximum SS Concentration in Each Grid (Industrial Port)



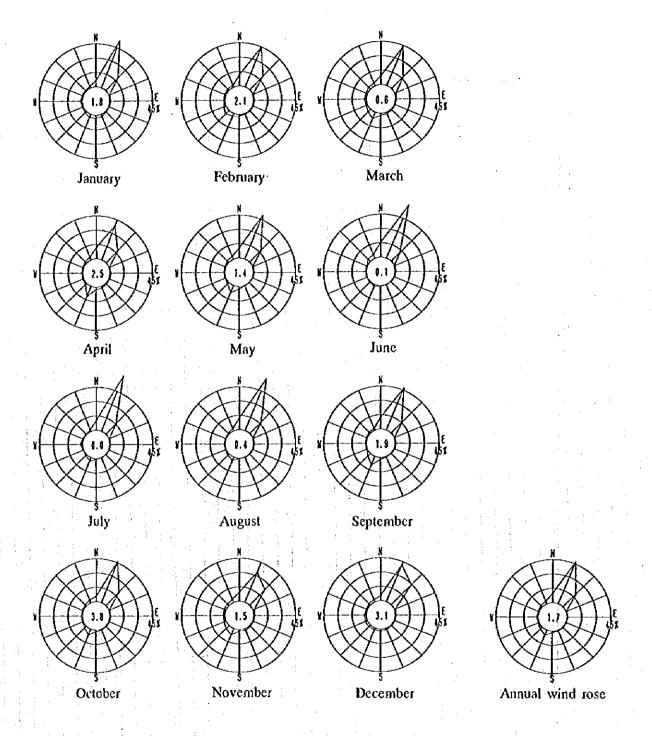
Appendix Figure 6.4.9(2) Horizontal Distribution of Maximum Concentration of SS in Each Grid (Industrial Port)



Appendix Figure 6.4.9(3) Daily Mean SS Concentration in Each Grid (Industrial Port)



Appendix Figure 6.4.9(4) Horizontal Distribution of Daily Mean Concentration of SS in Each Grid (Industrial Port)



* Numerals in the core mean percentage occurrence of calm condition of less than 0.5/s.

Appendix Figure 6.4.10 Wind Rose

