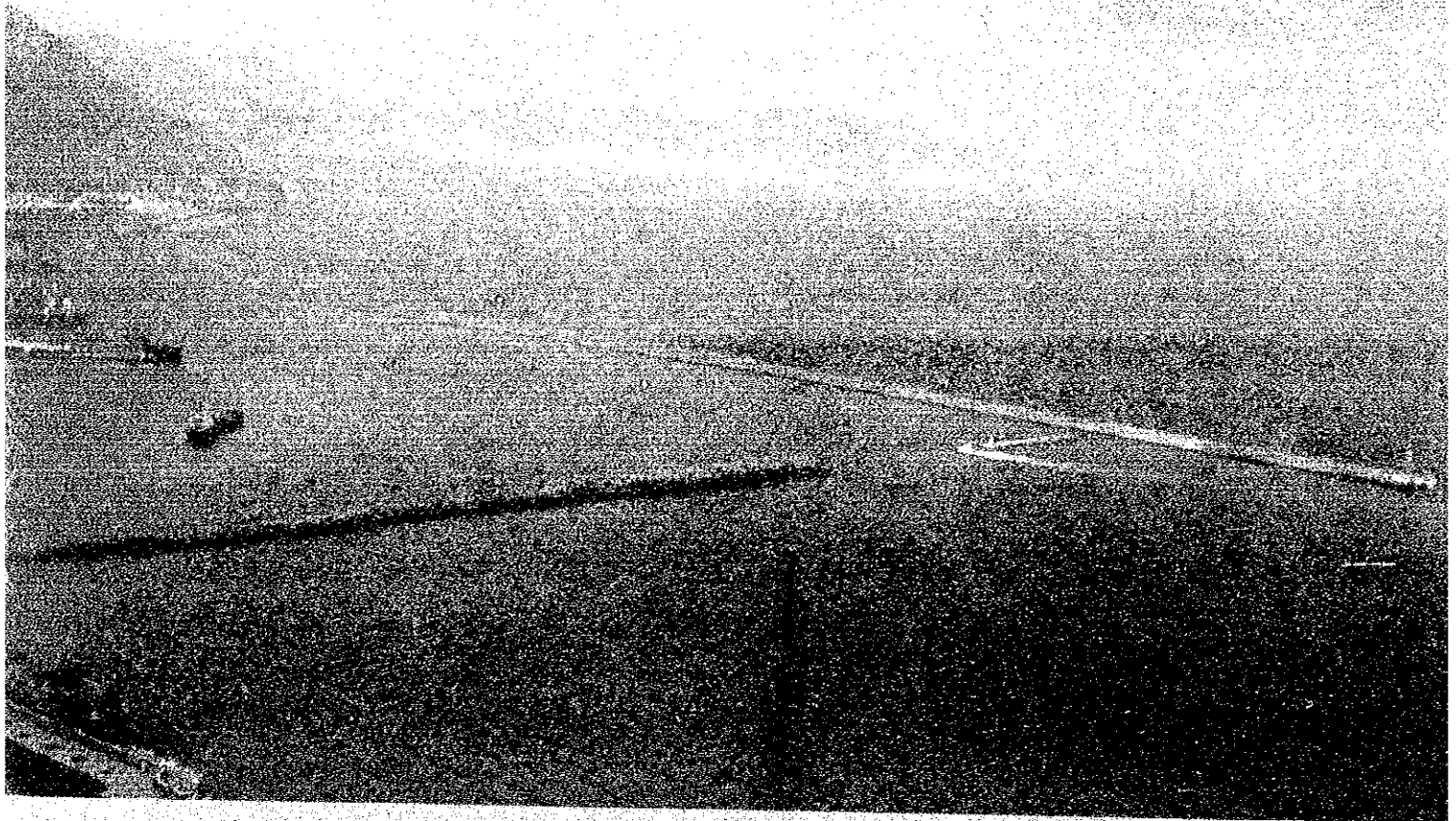


ALGERIA

FINAL REPORT

# THE STUDY ON THE DEVELOPMENT OF THE PORTS OF ALGIERS, ORAN AND ANNABA IN ALGERIA

PART I MASTER PLAN



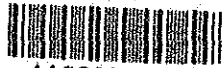
FEBRUARY 1993

JAPAN INTERNATIONAL COOPERATION AGENCY

SSF
JR
93-021(2/3)



JICA LIBRARY



1103813101

24789



**MINISTRY OF TRANSPORT  
ALGERIA**

**FINAL REPORT**

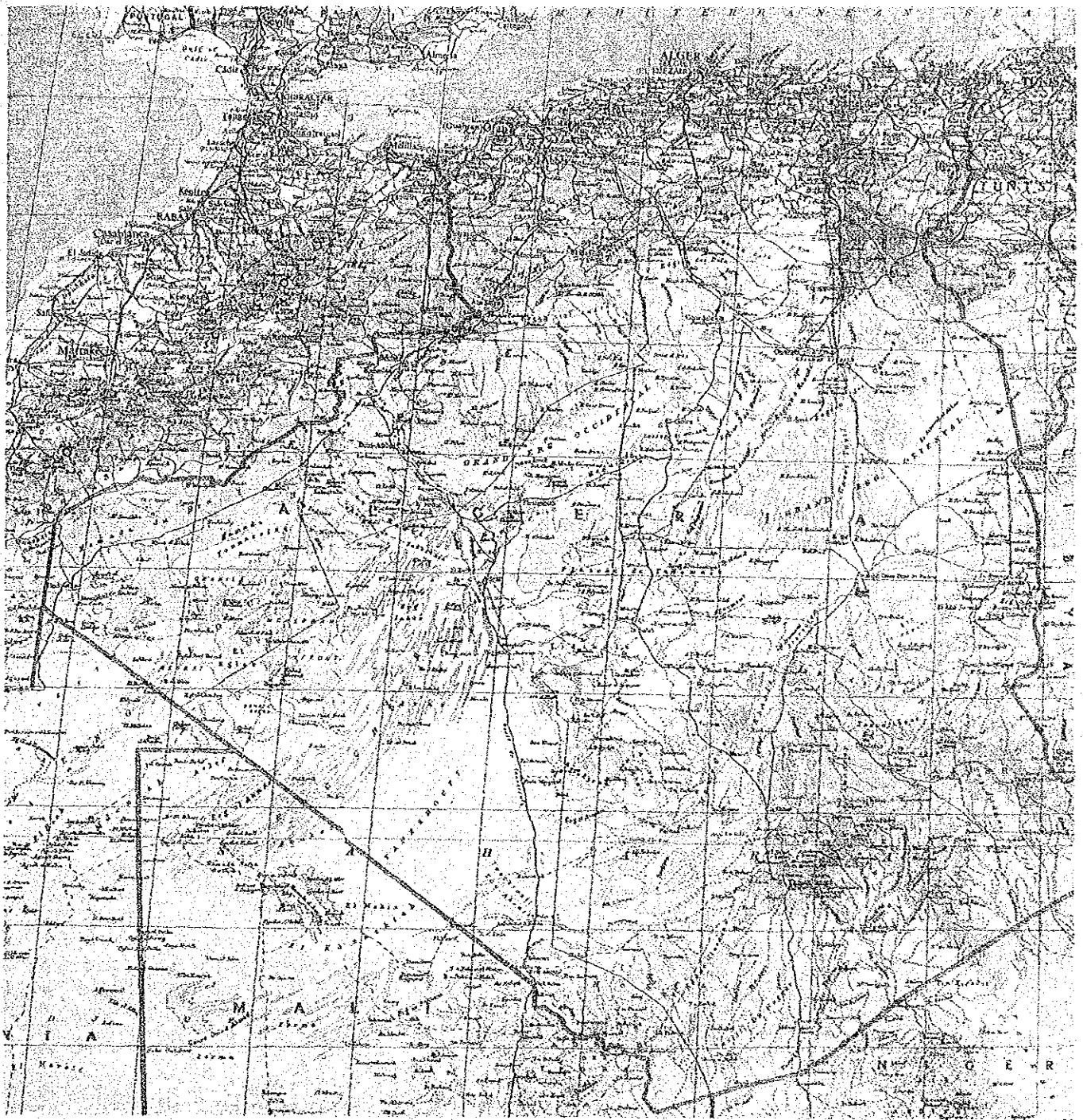
**THE STUDY ON THE DEVELOPMENT OF  
THE PORTS OF ALGIERS, ORAN AND  
ANNABA IN ALGERIA**

**PART I MASTER PLAN**

**FEBRUARY 1993**

国際協力事業団

24783

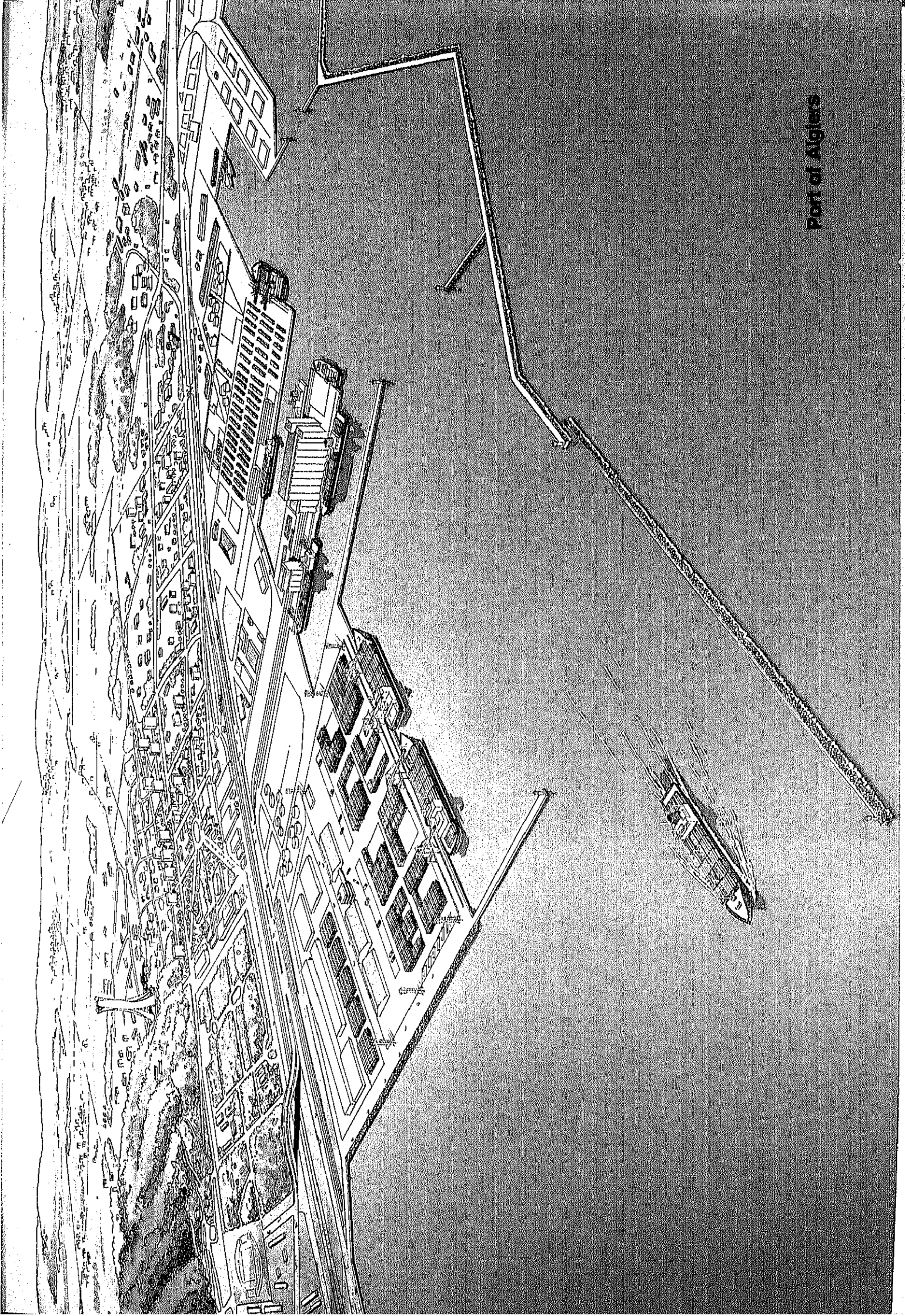


**Geography of ALGERIA**



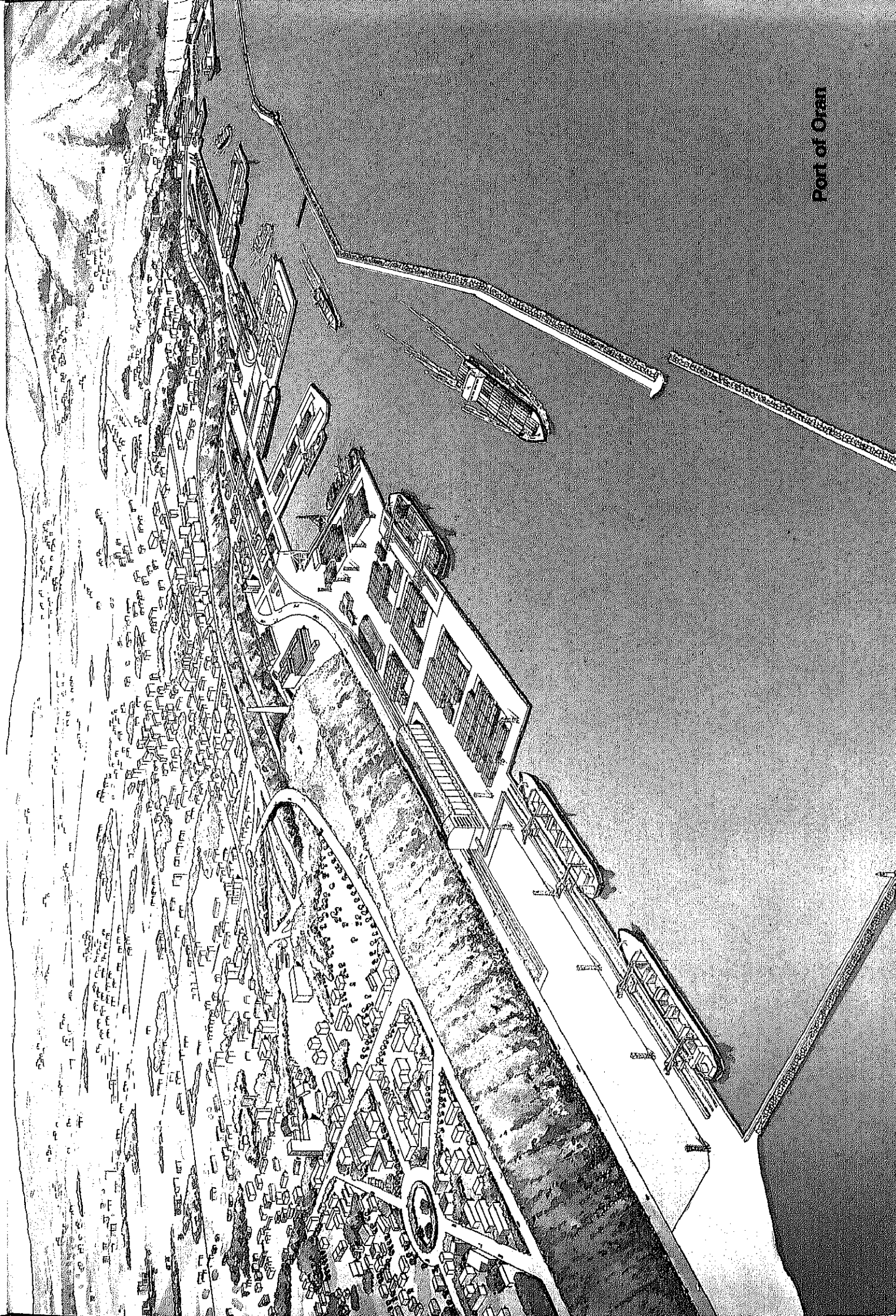


Port of Algiers



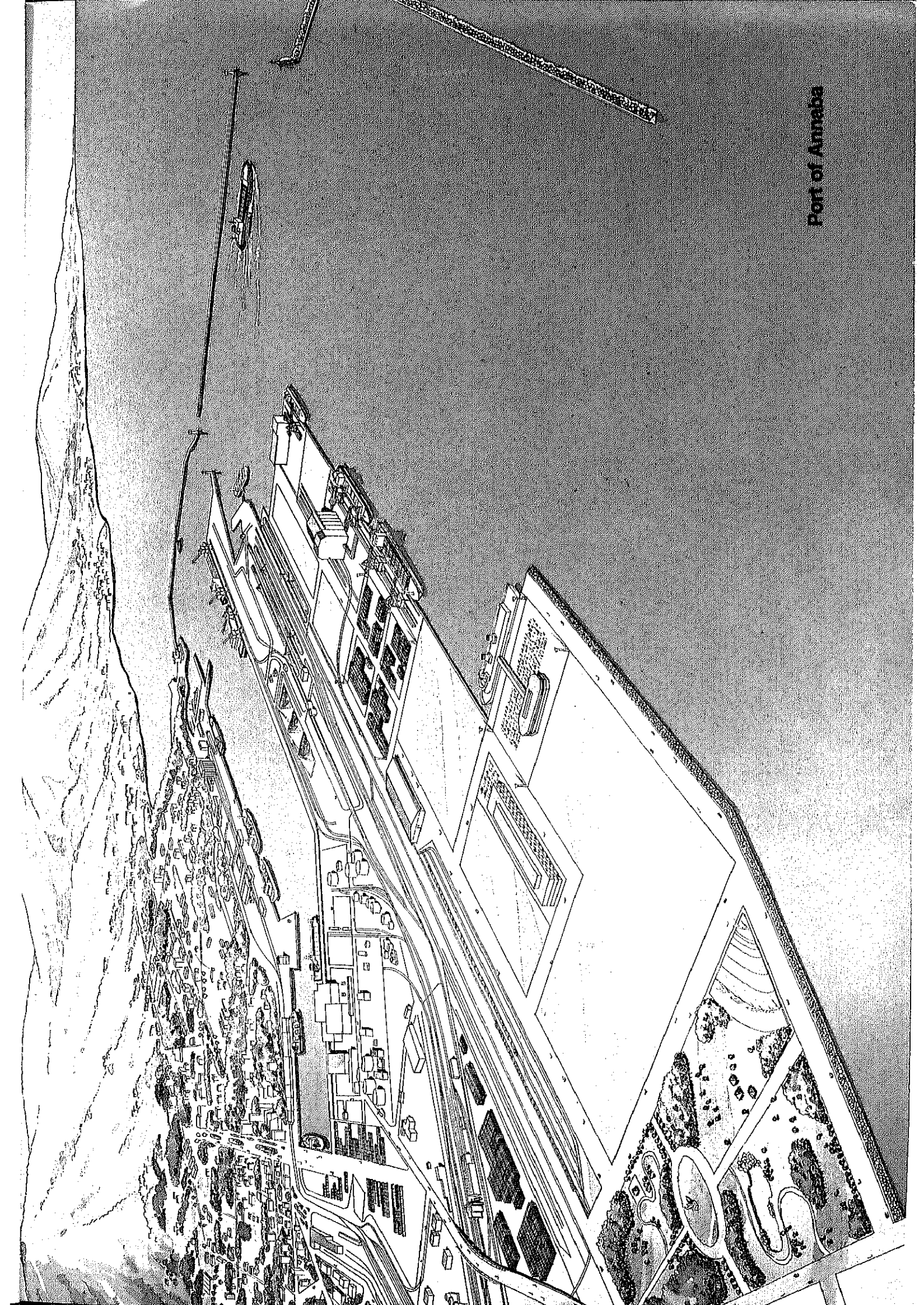














## ABBREVIATION LIST

A	ASMIDAL	Entreprise Nationale D'Engrais et des Produits Phytosanitaires
B	B/L	Bill of Lading
C	CFS	Container Freight Station
	CFC	Conversion Factor for Consumption
	CIF	Cost, Insurance and Freight
	CLP	Container Load Plan
	CNP	Conseil National de la Planification
	CALTRAM	Compagnie Algero-Libyenne de Transport Maritime
D	DA	Algerian Dinars
	D/R	Dock Receipt
	DTM	Direction des Travaux et Maintenance
	DTP	Direction des Travaux Publics
	DWT	Dead Weight Tonnage
E	E/D	Export Declaration
	ENCG	Entreprise Nationale des Corps Gias
	ENTMV	Entreprise Nationale de Transports Maritimes des Voyageurs
	EIRR	Economic Internal Rate of Returns
	EP	Entreprise Portuaire
	E/P	Export Permit
	EPAL	Entreprise Portuaire d'Alger
	EPAN	Entreprise Portuaire d'Annaba
	EPOR	Entreprise Portuaire d'Oran
	E/R	Equipment Receipt
	ERCC	Entreprise des Ciments et Dirives Centre
	ERCO	Entreprise des Ciments et Dirives Ouest
	E/S	Engineering Service
F	FCL	Full Container Load Cargo
	FERPHOS	Entreprise Publique Economique du Fer et du Phosphate
	FIG	Figure

F	FIRR	Financial Internal Rate of Returns
	FOB	Free on Board
G	G.C.	General Cargo
	GDP	Gross Domestic Products
	GT	Gross Tonnage
H	H	Wave Height
	HA	Hectare(s)
	HR	Hour(s)
I	IMF	International Monetary Funds
J	JY	Japanese Yen
K	KM	Kilometer(s)
	KG	Kilogram
L	LCL	Less than Container Load Cargo
	LPG	Liquefied Petroleum Gas
M	M	Meter(s)
	MARPOL	Final Act of the International on Marine Pollution
	MIN	Minute(s)
	MOE	Ministry of Equipment
	MOT	Ministry of Transport
N	NAFTAL	Entreprise Nationale de Raffinage et de Distribution de Produits Pétroliers
	NGA	Niveau General Algerien
	NIES	Newly Industrializing Economies
O	OAIC	Office Algerien De L'Agriculture
	ONAB	Office National des Aliments du Betail
	ONS	Office National Des Statistiques
P	PCB	Polychlorobiphenyl



Q	Q'ty	Quantities
	QX	Quintal
R	R	Correlation Coefficient
	Ro-Ro	Roll on Roll off
S	SCF	Standard Conversion Factor
	SIDER	Enterprise Nationale de Siderurgie
	SNTF	Societe Nationale des Transports Ferroviaires
	SNTM-CNAN	Societe Nationale de Transportes Maritime & Companie Nationale Algerienne de Nav.
	SNTM-HYPROC	Societe Nationale de Transportes Maritimes des Hydrocarbures et des Produits Chimiques
	SPT	Standard Penetrian Test
	SQ.M	Square Meters
	SWL	Safety Weighting Load
T	T	Wave Period
	TEU	Twenty-foot Equivalant Unit
U	U.S.	United States of America
	US\$	U.S.Dollars
V	VAT	Taxe sur la Valeur Ajoutee (consumption tax)
Y	Yr	Year
Z	ZH	Hydrographic Zero



Exchange Rate

US\$1.00 = DA 21.90 = ¥ 131.25

