16 September 1977

PPA MEMORANDUM ORDER NO.33 Series of 1977

TO

: All Port Managers

SUBJECT

: Guidelines on Maximum Loading of Piers/ Wharves/Landings/Slip Areas

So as to avoid undue overloading and preserve the life and stability of all port structures, strict observance of the hereto attached "Guidelines for Maximum Loading of Piers/Wharves/Landings/Slip Areas" is hereby enjoined. The design loading on the decks of piers, wharves, landings and slip areas is either 200, 300 or 500 pounds per square foot as delineated by colors in the attached layout of the port area in your respective port districts.

It is also directed that this matter be disseminated and emphasized to all users of the ports and ancillary facilities.

This order takes effect immediately.

BENEDICTO SELIRIO
Assistant General Manager
for Planning and Engineering

Attachment: As stated.

PED PRL/1mu

.....

\cargo/commodity		MAXIMUM ALLOWABLE LOADING (Refer to layout of the port area) 500 lbs. per sq.ft.:300 lbs. per sq.ft.:200 lbs. per sq.ft. (colored yellow): (colored red): (colored blue)			
Contai Size: Gross	O' Standard : Iner (Loaded) : 8' x 8' x 40' : Weight: 30.5 : tric Tons	Stockpile two (2): high @ 8'/high	Stockpile one (1): high @ 8'/high	Not Allowed	
Contai Size: Gross	O' Standard Iner (Loaded) 8' x 8' x 20' Weight: 20.3 tric Tons		Stockpile one (1) : high @ 8'/high	Not Allowed	
(Loade Size: Gross	esible Container : ed) 8' x 8.5' x 20' : Weight: 23.4 tric Tons	Stockpile one (1) : high @ 8.5'/high	Not Allowed	Not Allowed	
(Empty po Size:		Stockpile ten (10): high @ 2º/high	Stockpile six (6) : high @ 2'/high	Stockpile four (4) high @ 2'/high	
(Empt	0' Standard y) 8' x 8' x 40' t: 2.8 Metric Tons	: (3) high @ 8'/high:	Stockpile three (3) high @ 8'/high	Stockpile three (3) high @ 8'/high	
(Empt	0' Standard y) 8' x 8' x 20' t: 1.65 Metric Ton	: (3) high @ 8'/high:	Stockpile three (3) high @ 8'/high	Stockpile three (3) high @ 8'/high	
þ	lt in drums ed) 565 lbs. n: 1.83'0 x 3'	Stockpile two (2) high @ 3'/high	Stockpile one (1) high @ 3'/high	Not Allowed	

		500 lbs. per sq.ft.: (colored yellow) :		200 lbs. per sq.ft. (colored blue)
	Gasoline in drums (Loaded) Weight: 370 lbs. Size/drum: 1.83' x 3'	Stockpile three (3) high @ 3'/high:	Stockpile two (2): high @ 3'/high	Stockpile one (1) high @ 3'/high
9)	Oil, Diesel, Kerosene and Petroleum in drums (Loaded) Weight: 489 lbs. Size/drum: 1.83' x 3'	Stockpile two (2) : high @ 3'/high		Stockpile one (1) high @ 3'/high
10)	Cement/Fertilizer in bags Weight/bag: 94 lbs.	Stockpile five (5): ft. high	Stockpile three (3) ft. high	Stockpile two (2) ft. high
11)	Agriculture products such as grains, flours, copra, sugar, rice and palay, corn, etc.		Stockpile four (4) ft. high	Stockpile three (3) ft. high
12)	Metal and Metal Products such as glass asbestos, and aluminum sheets		Stockpile one and three-fourth (1-3/4) ft. high	Stockpile one (1) ft. high
13)	Steel bars and plates including rolled steel in bundles		Stockpile 0.60 ft. (or 7 inches) high	
14)	Corrugated and plain G.I. sheets	Stockpile one (1) ft. high	Stockpile 0.60 ft.: (or 7 inches) high	Stockpile 0.40 ft. (or 4 inches) high
15)	Copper or Lead sheets	Stockpile 0.70 ft. or eight (8) inches high	Stockpile 0.40 ft.: (or 4 inches) high:	
16)	Logs, lumber and other wood products, such as plywood, veneer, etc.		Stockpile five (5) ft. high	Stockpile three (3) oft. high

CARGO/COMMODITY	:500 lbs. per sq.ft.: (colored yellow) :		
7) Heavy equipment and machineries in crates Actual weight per crate will be determined in the field, and resulting load shall not be exceeded. Total weight Area of base of crate	puted load exceeds: 500 lbs/sq.ft., the following: remedial measures: shall be adopted: a)Unload directly from the ship to the cargo truck or trailer. How-	on the deck shall: not be allowed if: resulting load: will exceed 300: lbs/sq.ft. It may: be discharged: directly to trucks: or trailers pro- vided H-15 of: loading will not: be exceeded.:	the deck shall not be allowed if resulting load will exceed 200 lbs/sq.ft It may be discharged directly to trucks or trailers provided H-10 loading will

CAUTION: The design loads herein specified assumes that the structure is in good condition. The Port Manager is therefore advised to exercise due caution, like reducing the loading specified herein, if to his opinion, the maximum allowed may endanger the port structure.

Prepared by:

PROJECT EXECUTION DEPARTMENT

Project Execution Department

APPROVED:

BENEDICTO SELIRIO
Assistant General Manager
for Planning and Engineering

PRL/1mu