

Revision No. 247 - Date: 06/Sep/2022

A. DRAFT LIMITATIONS

PLACE			VESSEL'S DRAFT		MAXIMUM DRAFT PER STRETCH LT/HT (m)
BERTH	BOLLARDS	LENGTH (M)	LOW TIDE	HIGH TIDE ¹	
ALAMOA 01	09/15	307	12.10	12.40	Stretch IV (b) 12.70/13.70
ALAMOA 02	16/22	307	12.30	12.60	
ALAMOA 03	23/30	272	12.40	12.70	
ALAMOA 04	30/36	272	11.40	11.70	
BTP 01	01/16	354	14.20	14.50	Stretch IV (a) 13.50/14.50
BTP 02	16/31	354	14.20	14.50	
BTP 03	31/45	400	14.20	14.50	
AGEO 01	01/11	230	11.90	12.20	
BARNABE ISLAND SP	455/446	215	10.00	10.30	
BARNABE ISLAND IB	446/437	215	10.00	10.30	
SABOO 01	41/48	184	10.40	10.70	
SABOO 02	48/56	200	10.50	10.80	
SABOO 03	56/64	202	10.40	10.70	
SABOO 04	64/71	184	11.90	12.20	

CORTE	72/80	197	10.30	10.60	
VALONGO	A/L	320	13.40	13.70	
SHED 12-A ³	160/168	215	(2)		Stretch III 13.50/14.50
SHED 13/14	168/175	216	10.90	11.20	
SHED 15	175/181	198	10.90	11.20	
SHED 16/17 ³	182/192	267	13.20	14.20	
SHED 19 ³	192/203	270	13.00	14.00	
SHED 20/21 ³	203/213	251	12.90	13.90	
SHED 22/23	213/223	256	13.80	14.10	
CURVE SHED 23	224/229	145	7.20	7.50	
SHED 25	229/239	305	8.30	8.60	
SHED 26	239/249	305	8.30	8.60	
OUTEIRINHOS 03 ³	53/29	305	13.50	14.50	Stretch II 13.50/14.50
OUTEIRINHOS 02 (Navy) ³	29/15	210	13.50	14.50	
OUTEIRINHOS 01 (Navy)	15/01	210	14.00	14.30	
SHED 29	275/284	229	11.40	11.70	
SHED 30	284/293	225	11.40	11.70	
SHED 31	293/303	260	11.30	11.60	

SHED 32	303/313	248	11.30	11.60
SHED 33	313/323	253	11.20	11.50
SHED 34	323/333	263	11.40	11.70
SHED 35.1	333/342	238	13.20	13.50
SHED 35.2	342/352	260	13.20	13.50
37 Points 1 & 2	366/379	374	13.40	14.40
SHED 38³	379/391	319	13.50	14.50
SHED 39³	391/401	289	13.50	14.50
TEAG³	-	174	12.70	13.70
TEG³	-	168	13.00	14.00
TERMAG	409/416	277	13.90	14.20
TGG³	402/409	277	13.20	14.20
TECON 3	394/411	350	14.20	14.50
TECON 2	411/427	383	14.20	14.50
TECON 1	427/437	245	13.80	14.10
TEV	437/452	312	12.60	12.90
TEV 2	448/464	310	12.60	12.90

B. ACCESS CHANNEL

MAXIMUM OPERATING DRAUGHTS IN THE NAVIGATION CHANNEL (ZERO DNH)			
STRETCH	VESSEL'S DRAFTS		
	LOW TIDE	HIGH TIDE ¹	DOCUMENT
Anchorage to Fishing Terminal (Stretch I)	13.50 m	14.50 m	SPA-DIPRE-GD/273.2020 – August 2020
Fishing Terminal to Torre Grande (Stretch II)	13.50 m	14.50 m	DIPRE-GD/301.2018 – July 2018
Torre Grande to Shed 06 (Stretch III)	13.50 m	14.50 m	DIPRE-GD/301.2018 – July 2018
Shed 06 to Alamoia Terminal (Stretch IV-a)	13.50 m	14.50 m	DIPRE-GD/301.2018 – July 2018
Alamoia Terminal to to the end of Stretch IV (Stretch IV-b)	12.70 m	13.70 m	DIPRE-GD/492.2017 – September 2017

C. REMARKS

1. "High tide" displays the maximum draft values for any high tide height ≥ 1 metre

2. SHED-12-A	Distance from quaywall	Board	Low tide	High tide
	No fenders	Portside	10.10 m	11.10 m
	With fenders ≥ 5.0 m		12.40 m	13.40 m
3. SHED 34	Bollards	Projected depth	Low tide	High tide
	323-325	11.70 m	11.40 m	11.70 m
	325-333	13.50 m	13.20 m	13.50 m
4. TEV 2	Bollards	Projected depth	Low tide	High tide
	448/452	13.70 m	12.60 m	12.90 m
	452/464	16.00 m	14.20 m	14.50 m

5. The operational drafts of the ships in the berths that operate with solid bulk that had a favourable assessment of the background study by the Maritime Authority of the Ports of São Paulo (CPSP) are disclosed in compliance with NAABSA

General: The maximum values of operational drafts alongside the berths are limited to the maximum operating draft of the stretch of the navigation channel in which they are located.

The maximum air draft adopted for berths and channel upstream of Outeirinhos 3 berth is 67.5 m in relation to zero DHN.

The draft of each new berth stretch was limited to the lowest value among the drafts of the stretches that gave rise to it.

VESSEL'S SIZE	MINIMUM DRAFT		MINIMUM PROPELLER IMMERSION
	FWD	AFT	
DWT ≤ 10,000	≥ 2.5 m	2.5 m	100%
10,001 ≤ DWT ≤ 20,000	≥ 3.0 m	2.5 m	100%
20,001 ≤ DWT ≤ 50,000	≥ 3.5 m	3.0 m	90%
50,001 ≤ DWT ≤ 80,000	≥ 4.0 m	1.5% LOA	90%
80,001 ≤ DWT ≤ 100,000	≥ 5.0 m	0.7% LOA	90%
100,001 ≤ DWT ≤ 200,000	≥ 6.3 m	0.7% LOA	90%
DWT > 200,000	≥ 7.5 m	0.7% LOA	90%

Ordinance No. 120/CPSP-MB of 1 February 2022