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# KBSP Port Information



## General Information

Name of the port	Khalifa Bin Salman Port (KBSP)
Terminal operated and managed by	APM Terminals, Bahrain
Location	Hidd, Kingdom of Bahrain
Coordinates	Latitude: 26 deg 12' North, Longitude: 050 deg 37' East
Time zone	GMT+3 hrs
UN Locator number	BHKBS
IMO ID Number	219377/ 3

## Port Information


Port entrance	One
Turning basin width	900 meters
Turning basin depth	15 meters at chart datum
Water density	1025 kg/m3
Tidal constraints	None
Allowable vessel length	360 meters (Vessel with LOA above 360 meters can be accommodated on a case to case basis subject to approval of terminal management)
Allowable vessel draft (KBSP)	Declared depth of water in the channel is 13.6m. 13.2m is the allowable draft for vessels at any time and 14.2m at HW. This being said, vessels of up to 14.5m can still safely transit the channel with special coordination and planning with the Harbour and Marine Manager and subject to tidal conditions, squat estimation taking into account the speed and the cross-section area of the waterway and its effect on the ship.
Call sign	Bahrain Port Control
Working hrs ( continuous / 24 hrs / with shift break )	24 x 7
Non-working holiday or others	24 x 7
Number of shifts	Three
Times of shifts	0600hrs - 1400hrs / 1400hrs - 2200hrs / 2200hrs - 0600hrs
Administrative offices working hrs	Sun - Thu from 0800hrs - 1700hrs
Gate timings	Weekdays 0400hrs - 2200hrs, Weekends & Public Holidays 0800hrs - 1600hrs
Holidays	The container terminal remains open on all public holidays. No separate overtime is applicable (only exception is general cargo stevedoring)
Meal hrs	None
Idle hrs (if any i.e. non-working hrs)	None
Gate in cut-off time	24 hrs before declared ETA and not before vessel arrival
Cargo cut-off time (how many hrs before vsl arrival etc.)	48 hrs before declared ETA and not before vessel arrival
Relay connection (how many hrs between 1st and 2nd vessel)	24 hrs from the departure of the 1st vessel
Is negative relay possible	Yes - Subject to specific approval
Can terminal accept break-bulk / heavy lifts	Yes - Subject to prior confirmation based on cargo description /weight / lifting points / sketches / diagrams / photos etc to be provided at least 48 hrs prior vessel arrival
Any restriction on DG cargo handling alongside	Vessel agents are required to take necessary approvals from the Ministry of Interior for class 1 & 7 cargoes in advance to vessel ETA. Direct delivery is mandatory for class 1 & 7 cargoes
Max weight of OOG cargo	SWL 65 tons / 100 tons With cargo beam
Container terminal area / General cargo area	900,000 sq.meters
Total warehouse area:	63,500 sq.meters
Shed 1	16,500 sq.meters
Shed 2	24,000 sq.meters
Shed 3	11,500 sq.meters
Shed 4	11,500 sq.meters
Terminal storage capacity	10,800 ground slots
Total capacity	54,000 TEUS
Total TEU annual throughput capacity (current)	1 million
Built up TEU capacity	2.5 million
Load bearing capacity	30 KN per m2
ISPS certified	Yes
ISO 9001:2015 certified	Yes
Port spill response capability	Tier 1 response

## Bahrain Approach Channel

Depth	Minimum depth 13.40 meters at chart datum
Length	30 nautical miles
Width	Minimum width 250 meters
Maximum depth at quayside	15 meters at chart datum
Under keel clearance (UKC)	Minimum 1 meter (vessel should take squat into consideration)
Allowable vessel draft (Channel)	13.1 meters any time - Highwater 14 meters
Speed	No restrictions
Vessel traffic management system (VTMS)	Yes
VTMS working channel	Channel 74

## Quay

Total quay length	1800 meters
Container quay	900 meters
General cargo quay	600 meters
Multi purpose quay	300 meters
Berths reference	Bollard numbers from 00 to 74
Height of quay	4.25 meters

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Distance between bollards		24 meters			
Distance between berth and shipside		1.8 meters			
Certified bollard capacity		100 tons			
Distance between fenders		12 meters			
RORO container ramp		24 meters wide			
<b>Tidal Range</b>					
Mean high water spring		+ 2.40 meters			
Mean low water spring		+ 0.60 meters			
<b>Pilotage Operation</b>					
Pilot booking		Booking through planning department			
Pilot working hrs		24 x 7			
Pilot boat		One pilot boats- Speed 22 knots			
Distance from pilot station to KBSP		1.0 nautical mile			
<b>Towage Operation</b>					
Tug booking		Booking through Bahrain port control via telephone or VHF ch 74			
Tug		03 x Azimuth stern drive tugs + 02 x Damen Stan tugs			
Tug capacity		03 x 3600 hp - Bollard pull 45 metric tons + 02 x 1216 hp - Bollard pull 16.3 metric tons			
Availability		24 x 7			
<b>Terminal Equipment</b>					
Type of Equipment		Quantity		Specification	
STS post panamax		4		Outreach: 18 wide 18x8 feet, Air draft: 41 meters	
STS cargo beam		1		SWL 65 tons / 100 tons with cargo beam	
RTG		12		Wide: 7 wide + 1 Truck Lane, High: 5 over 1 ( standard 8' 6" )	
Spreader - STS45		5		Twin lift 2 x 32.5 tons	
Spreader - YTS45 (Twin)		4		Twin lift 2 x 32.5 tons	
Spreader - YSX45E		10			
Over height frame		2		50 mt	
Mobile Crane		2		65 mt kgs at 3.0 meter radius	
Manual spreader		1		20 foot	
Manual spreader		1		40 foot	
Reach stackers		2		45 mt	
Empty handler		1		8 mt - Load centre 1220 mm	
Shuttle carrier		2		40 mt under spreader	
Top Loader / Forklift (Conversion)		1		36.1 mt / 48 mt - Load centre 1220 mm	
Forklift - 2.0 tons		1			
Forklift - 2.5 tons		7		3 mt at Load centre 500mm	
Forklift - 3.0 tons		27		2,5 mt Load centre 500mm	
Forklift - 5.0 tons		2			
Forklift 16.0 tons		2			
Forklift 25.0 tons		2			
Terminal tractor		25			
				Towing capacity of GCW 65 tonnes	
				Towing capacity of GCW 65 tonnes/28 ton lifting capacity and a maximum vertical load capacity of 32,000 kgs	
Terminal tractor fifth wheel		6			
Terminal tractor fifth wheel 4x4		1			
Yard trailer		27		45 foot	
Spill trailer 40/40T		1		40 foot	
Low bed trailer		8		60 mt	
Low bed trailer		2		80 mt	
<b>Reefer Capacity</b>					
Reefer plug points		840 plugs		400 volts, 32 amperes, 3 phase	
				N.A	
<b>Contacts</b>					
Chief Commercial Officer		Richard GC Smith		Mobile: +973-38885569 / phone: +973-17365556 / Fax: +973-17365505	
Chief Operations Officer		Abdelrehman Elshamy		Mobile: +973-38885571 / phone: +973-173655610 / Fax: +973-17365505	
Harbour & Marine Manager		Capt.Adel Almaskati		Mobile: +973-38885521 / phone: +973-17365534 / Fax: +973-17162008	
Customer Service Manager		E. Santosh		Mobile: +973-38885831 / phone: +973-17365601 / Fax: +973-17162008	
				<a href="mailto:richard.gc.smith@apmterminals.com">richard.gc.smith@apmterminals.com</a>	
				<a href="mailto:Abdelrahman.Elshamy@apmterminals.com">Abdelrahman.Elshamy@apmterminals.com</a>	
				<a href="mailto:Adel.Almaskati@apmterminals.com">Adel.Almaskati@apmterminals.com</a>	
				<a href="mailto:Santosh.Purushothaman@apmterminals.com">Santosh.Purushothaman@apmterminals.com</a>	

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