



<div>Document Number:FRM-COM-001</div> <div>Revision:007</div> <div>Last revised/updated : 01/08/2020</div>		<div>KBSP Port Information</div>	<div>Lifting Global Trade..</div> <div>APM TERMINALS</div>
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		

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Berths reference		Bollard numbers from 00 to 74			
Height of quay		4.25 meters			
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			
Tidal Range					
Mean high water spring		+ 2.40 meters			
Mean low water spring		+ 0.60 meters			
Pilotage Operation					
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			
Towage Operation					
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			
Terminal Equipment					
Type of Equipment	Quantity	Specification		Safe Working Load (S.W.L)	
STS post panamax	4	Outreach: 18 wide 18x8 feet, Air draft: 41 meters		SWL 65 tons / 100 tons with cargo beam	
STS cargo beam	1			100 tons (Use with STS Crane)	
RTG	12	Wide: 7 wide + 1 Truck Lane, High: 5 over 1 (standard 8' 6")		50 mt	
Spreader - STS45	5	Twin lift 2 x 32.5 tons		51 mt	
Spreader - YTS45 (Twin)	4	Twin lift 2 x 32.5 tons		51 mt	
Spreader - YSX45E	10			41 mt	
Over height frame	2			50 mt	
Mobile Crane	2			65 mt kgs at 3.0 meter radius	
Manual spreader	1	20 foot		35 mt	
Manual spreader	1	40 foot		40 mt	
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		65 mt	
Spill trailer 40/40T	1	40 foot		40 mt	
Low bed trailer	8			60 mt	
Low bed trailer	2			80 mt	
Reefer Capacity					
Reefer plug points	840 plugs	400 volts, 32 amperes, 3 phase			N.A
Contacts					
Chief Commercial Officer	Mihir Mishra	Mobile: +973-38885569 / phone: +973-17365556 / Fax: +973-17365505			Mihir.Mishra@apmterminals.com
Chief Operations Officer	Abdelrehman Elshamy	Mobile: +973-38885571 / phone: +973-173655610 / Fax: +973-17365505			Abdelrahman.Elshamy@apmterminals.com
Harbour & Marine Manager	Capt.Adel Almaskati	Mobile: +973-38885521 / phone: +973-17365534 / Fax: +973-17162008			Adel.Almaskati@apmterminals.com
Customer Service Manager	E. Santosh	Mobile: +973-38885831 / phone: +973-17365601 / Fax: +973-17162008			Santosh.Purushothaman@apmterminals.com