35 YEARS OF EXCELLENCE

GSCCO

JUBAIL CONTAINER TERMINAL

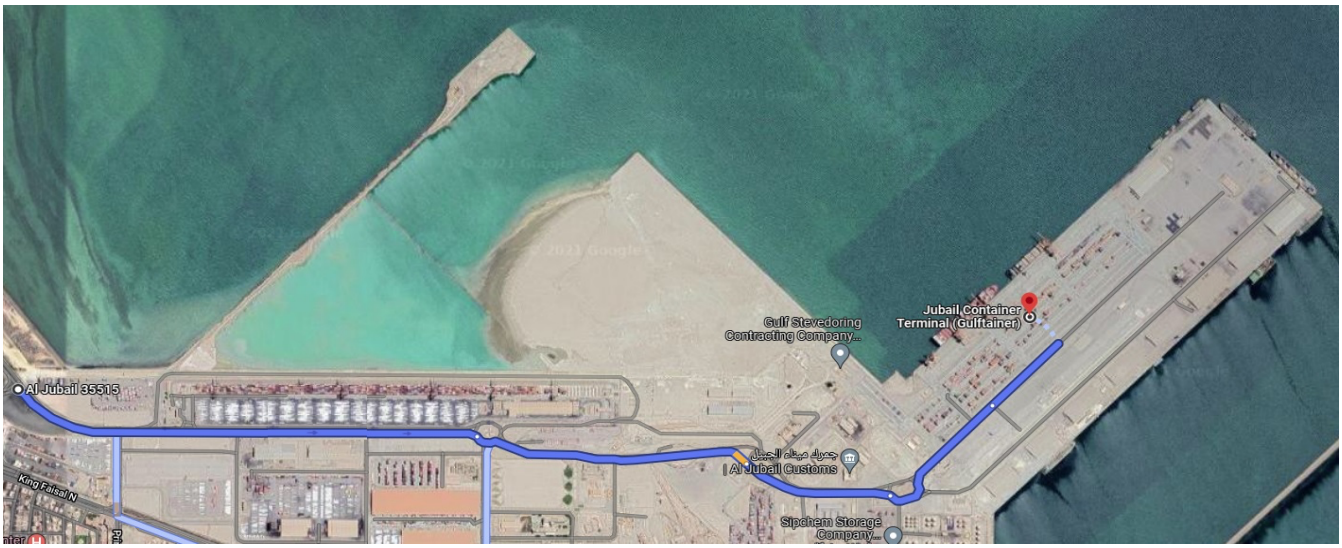
Technical Pack

Gulf Stevedoring Contracting Co Ltd

www.gulfstevedoring.com

Summary of Contents

1. Location



https://goo.gl/maps/h92Hf7zHdJJ9Yjf77

2. Dredging and Dive Survey

Below conclusion report on the Berth Survey, conducted between 18th - 28th November 2020 by Al Gosaibi Diving & Marine Services at Jubail Commercial Port Container Berths #13, #14, #15 and #16 for Gulf Stevedoring Contracting Co. Ltd.

The divers were requested to carry out dredging operations at Jubail Commercial Port, container berths #13, #14, and #15. Vessel and quayside crane movements permitting. Acting under the direct supervision of the Gulf Stevedoring Contracting Company Representative Mr. Keith Jones (Engineering Department) the work was carried out between 18th November–28th November 2020.

The underwater visibility during the dredging was poor varying between zero (0) – 0ne (1) meter due to suspension in the water. Only high points of sand and silt at each location were recovered to surface for disposal. On completion of dredging operations new depth readings were taken at each location and adjusted to low astronomical tide.

Depths

During the dredging of Jubail Commercial Port Container Berths #13, #14, and #15 all depths taken were adjusted to reflect depth at the Lowest Astronomical Tide (LAT) before being plotted on the following diagrams. Areas were dredged showing updated depth readings.

Seabed Composition

The seabed was reported to be composed of soft silt // sand lying over a harder layer of seabed material possibly compressed sand or coral based cap rock below.
Only localized high points of seabed material with most shallow depth readings shallower than 13.8m were dredged//airlifted and recovered to surface for disposal.

SEABED DEPTHS

A. Berth #16, 750m – 1000m

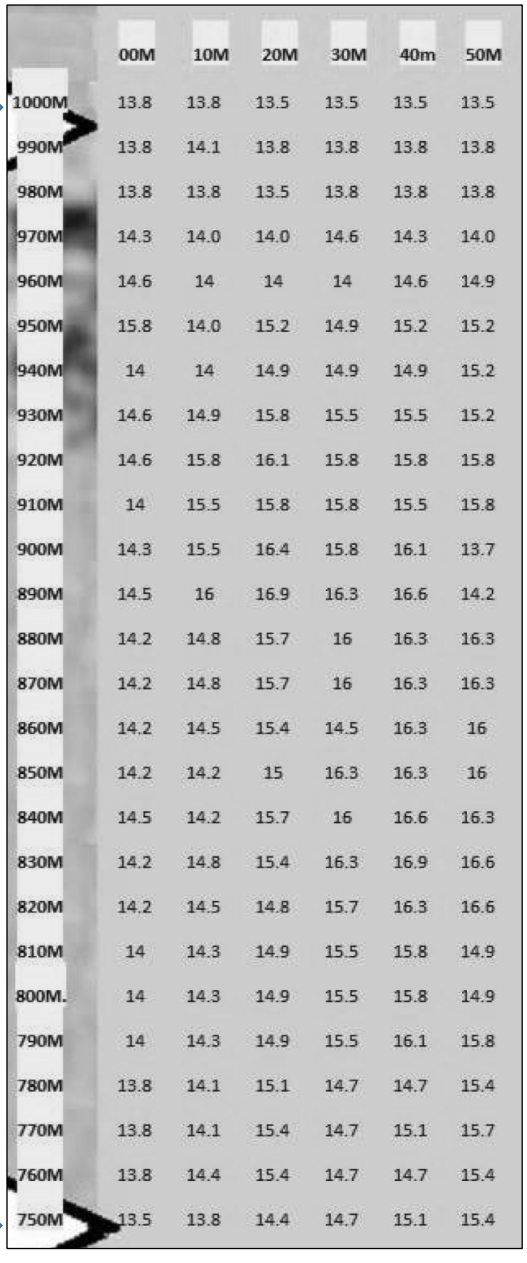
Previous report show no areas above 13.8m, no dredging at Berth #16.

B. Berth #15, 500m – 750m

Dive Team at Berth #15, 500 - 750m mark. Below diagram shows revised depth readings after dredging highest point removed only. Divers concentrating silt removal between 540m – 500m. Dredging completed over 19th, 20th, and 21st November 2020. Locations dredged are shown.

1000m

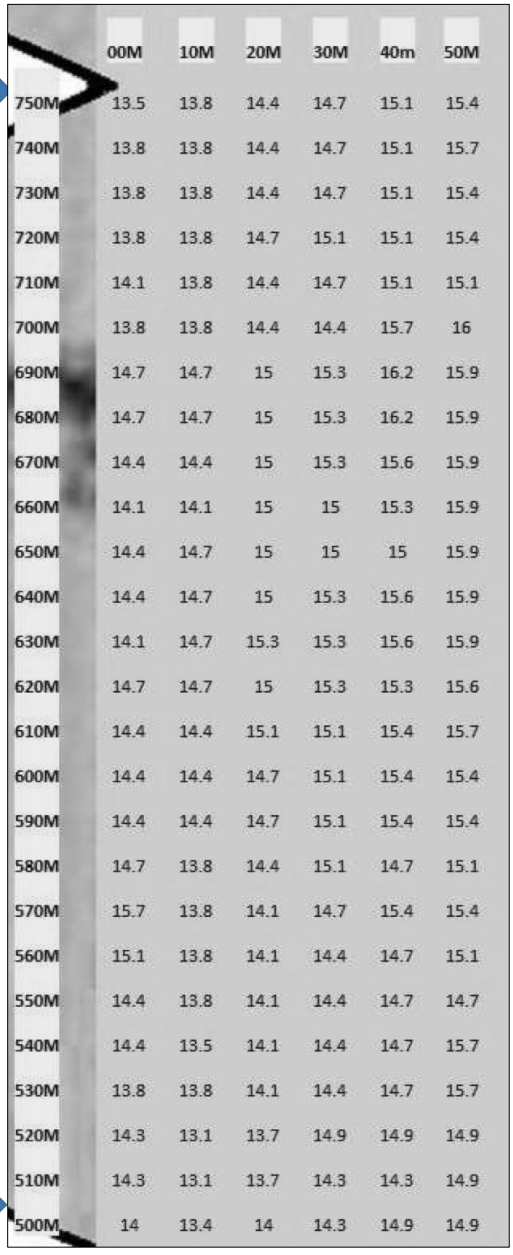
750m



	00M	10M	20M	30M	40m	50M
1000M	13.8	13.8	13.5	13.5	13.5	13.5
990M	13.8	14.1	13.8	13.8	13.8	13.8
980M	13.8	13.8	13.5	13.8	13.8	13.8
970M	14.3	14.0	14.0	14.6	14.3	14.0
960M	14.6	14	14	14	14.6	14.9
950M	15.8	14.0	15.2	14.9	15.2	15.2
940M	14	14	14.9	14.9	14.9	15.2
930M	14.6	14.9	15.8	15.5	15.5	15.2
920M	14.6	15.8	16.1	15.8	15.8	15.8
910M	14	15.5	15.8	15.8	15.5	15.8
900M	14.3	15.5	16.4	15.8	16.1	13.7
890M	14.5	16	16.9	16.3	16.6	14.2
880M	14.2	14.8	15.7	16	16.3	16.3
870M	14.2	14.8	15.7	16	16.3	16.3
860M	14.2	14.5	15.4	14.5	16.3	16
850M	14.2	14.2	15	16.3	16.3	16
840M	14.5	14.2	15.7	16	16.6	16.3
830M	14.2	14.8	15.4	16.3	16.9	16.6
820M	14.2	14.5	14.8	15.7	16.3	16.6
810M	14	14.3	14.9	15.5	15.8	14.9
800M.	14	14.3	14.9	15.5	15.8	14.9
790M	14	14.3	14.9	15.5	16.1	15.8
780M	13.8	14.1	15.1	14.7	14.7	15.4
770M	13.8	14.1	15.4	14.7	15.1	15.7
760M	13.8	14.4	15.4	14.7	14.7	15.4
750M	13.5	13.8	14.4	14.7	15.1	15.4

750m

500m



	00M	10M	20M	30M	40m	50M
750M	13.5	13.8	14.4	14.7	15.1	15.4
740M	13.8	13.8	14.4	14.7	15.1	15.7
730M	13.8	13.8	14.4	14.7	15.1	15.4
720M	13.8	13.8	14.7	15.1	15.1	15.4
710M	14.1	13.8	14.4	14.7	15.1	15.1
700M	13.8	13.8	14.4	14.4	15.7	16
690M	14.7	14.7	15	15.3	16.2	15.9
680M	14.7	14.7	15	15.3	16.2	15.9
670M	14.4	14.4	15	15.3	15.6	15.9
660M	14.1	14.1	15	15	15.3	15.9
650M	14.4	14.7	15	15	15	15.9
640M	14.4	14.7	15	15.3	15.6	15.9
630M	14.1	14.7	15.3	15.3	15.6	15.9
620M	14.7	14.7	15	15.3	15.3	15.6
610M	14.4	14.4	15.1	15.1	15.4	15.7
600M	14.4	14.4	14.7	15.1	15.4	15.4
590M	14.4	14.4	14.7	15.1	15.4	15.4
580M	14.7	13.8	14.4	15.1	14.7	15.1
570M	15.7	13.8	14.1	14.7	15.4	15.4
560M	15.1	13.8	14.1	14.4	14.7	15.1
550M	14.4	13.8	14.1	14.4	14.7	14.7
540M	14.4	13.5	14.1	14.4	14.7	15.7
530M	13.8	13.8	14.1	14.4	14.7	15.7
520M	14.3	13.1	13.7	14.9	14.9	14.9
510M	14.3	13.1	13.7	14.3	14.3	14.9
500M	14	13.4	14	14.3	14.9	14.9

C. Berth #14, 250m – 500m

Dive Team at Berth #14, 250 - 500m mark. Below diagram shows revised depth readings after dredging highest point removed only. Divers concentrating silt removal between 490m – 480m. Dredging completed over 22nd, 23rd and 24th November 2020. Locations dredged highlighted are shown. Moved and dredged diving from 420m 26th, 27th and 28th November.

500m

	00M	10M	20M	30M	40m	50M
500M	14	13.4	14	14.3	14.9	14.9
490M	13.7	13.7	14	14.6	14.6	14.9
480M	14.9	13.3	14.6	14.6	14.6	14.6
470M	14.3	14	14.9	15.2	14.9	14.6
460M	14	14	14.9	15.6	15.2	14.9
450M	14	14	15.2	16.2	15.2	15.2
440M	13.7	14	15.6	16.2	15.2	15.2
430M	14	14	15.6	15.6	15.2	15.2
420M	14.0	14.	15.9	16.2	16.2	16.5
410M	14.0	13.4	16.2	16.2	16.2	16.2
400M	15.6	15.6	16.8	17.1	17.7	17.7
390M	15.6	15.9	17.1	17.4	18	17.7
380M	14.3	15.3	16.8	16.8	16.8	16.8
370M	14.	14.9	17.1	18	18	17.7
360M	14.6	14.9	16.5	17.4	17.4	17.7
350M	15.1	15.7	15.7	15.7	17..2	17.2
340M	15.1	16.3	15.7	16.3	17.2	17.5
330M	15.1	14.8	15.7	16.9	17.2	17.5
320M	15.4	15.4	15.4	16.9	17.2	17.5
310M	14.8	15.4	15.4	15.7	16.9	16.9
300M	14.5	14.5	15.4	16.3	16	16.6
290M	14	14.3	14.3	14.6	14.9	14.9
280M	14	14	14	14.6	14.6	14.9
270M	14.3	14.3	14.3	14.9	15.2	15.2
260M	14.3	14.3	14.3	14.9	15.5	16.1
250M	14	14	14.6	14.9	15.2	15.8

250m

D. Berth #13, 000m – 250m

Due to approaching Vessels scheduled for Berth #13, 000 – 250m divers deployed to reduce the seabed peaks at 230m and 240m. Fender installation scaffolding obstructed direct access, divers and equipment entered at 220m location on Berth#13. Locations dredged 25th November.

250m

	00M	10M	20M	30M	40m	50M
250M	14	14	14.6	14.9	15.2	15.8
240M	14.4	13.7	14	14.4	15	15.6
230M	14.3	13.7	14	14.3	14.9	15.5
220M	14	14	14	14.6	14.9	15.5
210M	14	14	14	14.3	14.9	14.9
200M	14	14	14	14.3	14.6	14.9
190M	14	14	14	14.3	14.3	14.6
180M	14.1	14.1	14.1	14.4	14.7	15
170M	14.1	13.9	13.9	14.1	14.4	14.4
160M	13.2	13.8	14.1	14.1	14.4	14.4
150M	14.7	14.7	14.7	15.3	15.3	15.3
140M	14.7	14.4	14.7	15.0	15.3	15
130M	14.4	14.4	14.7	15.6	15	15
120M	14.1	14.7	14.7	15.3	15.3	15
110M	14.7	15	15	15.3	15.6	15.3
100M	15.6	15.6	15.3	15.3	15.9	15.6
90M	14.4	15.3	15.3	15.6	15.6	16.2
80M	14.9	15.8	15.5	15.2	15.5	15.8
70M	14.9	15.8	15.5	15.2	15.5	15.9
60M	14.9	15.8	15.5	15.5	15.8	15.8
50M	14.6	15.9	15	15.3	15.6	16.2
40M	15.3	15.9	15.3	15	15.6	15
30M	14.3	15.2	14.3	14.3	14.6	14.9
20M	14	15.2	14.6	14.9	14.6	14.6
10M	14	14.9	14.9	14.6	14.6	15

000m

3. UKC Memo from Port Authority

UKC Memorandum was issued by Jubail Port Authority on Jan 5th 2020. (Standard UKC - 1.2m)

No. : 18/38/11486

Date : 10/5/1441 H (6/1/2020 G)

Attachments : -

M/S : Shipping Agents

M/S : GSCCO

M/S : Globe Marine Services ,

CC : National Port Services Co. Ltd. – Marine Facilities Operator in KFIP-Jubail , JCP and RAK Port ,

Sub : Re – Vessels Draft in JCP

After Greetings ,,

With reference to our letter No. 18/38/6283 dated 10/3/1441H addressed to the National Port Services Co. Ltd. , regarding taking of necessary arrangements to prevent delay in arriving and sailing of vessels to and from the Port (vessels draft) .

This is to inform you that the Port authority confirms that the under keel clearance is (1.2) m for carrying out docking and sailing maneuvers in all the Port basins , along with observing high and low tide forecasts and utilizing the same .

Best Regards ,,

Director General of JCP

Capt. Fahad Bin Ahmed Alamer

4. Tide Table

The high tide range in Jubail is between 0.6 - 1.8m twice daily, which allowed us to sail the vessel up to 14.0m draft during high tide.

LAT 27°01'N LONG 49°41'E

TIME ZONE **-0300** — TIMES AND HEIGHTS OF HIGH AND LOW WATERS — YEAR **2021**

SEPTEMBER

	Time	m		Time	m		Time	m		Time	m
1 W	0032	1.1	**16** TH	0028	1.3	**1** F	0058	1.1	**16** SA	0145	1.5
	0703	0.8		0804	0.8		0751	0.8		0849	0.6
	0953	1.0		1051	1.0		1004	0.8		1400	1.0
	1645	0.5		1855	0.3		1724	0.4		2028	0.4
2 TH	0151	1.2	**17** F	0203	1.4	**2** SA	0202	1.2	**17** SU	0245	1.5
	0823	0.8		0915	0.7		0847	0.7		0935	0.5
	1047	0.9		1331	1.0		1418	0.8		1501	1.2
	1934	0.5		2036	0.3		1949	0.4		2127	0.4
3 F	0247	1.3	**18** SA	0307	1.5	**3** SU	0246	1.3	**18** M	0331	1.6
	0924	0.7		1006	0.7		0924	0.6		1016	0.4
	1441	0.9		1455	1.1		1458	1.0		1547	1.3
	2030	0.4		2138	0.2		2044	0.3		2216	0.4
4 SA	0329	1.3	**19** SU	0355	1.6	**4** M	0317	1.4	**19** TU	0408	1.6
	1007	0.7		1047	0.6		0944	0.5		1050	0.4
	1519	1.0		1544	1.2		1526	1.1		1623	1.5
	2113	0.3		2228	0.2		2127	0.2		2256	0.4
5 SU	0359	1.4	**20** M	0433	1.7	**5** TU	0345	1.4	**20** W	0433	1.5
	1033	0.6		1122	0.5		0959	0.4		1117	0.3
	1546	1.1		1621	1.4		1554	1.3		1652	1.5
	2151	0.2		2306	0.2		2207	0.1		2325	0.4
6 M	0423	1.5	**21** TU	0501	1.6	**6** W	0415	1.5	**21** TH	0451	1.5
	1045	0.5		1149	0.4		1024	0.2		1131	0.3
	1615	1.2		1654	1.5		1629	1.4		1719	1.6
	2229	0.0		2333	0.3	●	2246	0.1		2341	0.5
7 TU	0450	1.5	**22** W	0523	1.6	**7** TH	0449	1.5	**22** F	0512	1.5
	1103	0.4		1204	0.4		1057	0.0		1138	0.2
	1649	1.3		1728	1.5		1708	1.6		1748	1.6
●	2308	0.0		2352	0.3		2325	0.1			
8 W	0522	1.5	**23** TH	0547	1.6	**8** F	0524	1.5	**23** SA	0000	0.5
	1132	0.2		1215	0.3		1133	-0.1		0537	1.4
	1726	1.4		1803	1.6		1750	1.7		1155	0.2
	2347	-0.1								1820	1.6
9 TH	0557	1.5	**24** F	0016	0.3	**9** SA	0003	0.1	**24** SU	0026	0.5
	1205	0.1		0614	1.5		0601	1.4		0603	1.3
	1807	1.5		1232	0.3		1211	-0.2		1218	0.1
				1839	1.5		1835	1.7		1852	1.6
10 F	0025	0.0	**25** SA	0044	0.4	**10** SU	0043	0.2	**25** M	0057	0.5
	0633	1.5		0640	1.4		0637	1.4		0628	1.2
	1241	0.0		1255	0.2		1251	-0.2		1243	0.1
	1850	1.5		1914	1.5		1922	1.7		1923	1.5
11 SA	0104	0.0	**26** SU	0114	0.4	**11** M	0123	0.3	**26** TU	0128	0.6
	0709	1.4		0705	1.3		0712	1.3		0652	1.2
	1319	-0.1		1318	0.2		1331	-0.2		1311	0.1
	1935	1.5		1948	1.4		2013	1.6		1956	1.4
12 SU	0141	0.2	**27** M	0143	0.5	**12** TU	0205	0.5	**27** W	0159	0.6
	0743	1.3		0729	1.2		0747	1.2		0719	1.1
	1358	-0.1		1344	0.2		1414	-0.1		1346	0.2
	2025	1.5		2021	1.3		2110	1.5		2032	1.3
13 M	0220	0.4	**28** TU	0214	0.6	**13** W	0254	0.7	**28** TH	0237	0.7
	0817	1.2		0755	1.1		0828	1.1		0754	1.0
	1441	0.0		1417	0.3		1503	0.1		1431	0.2
☽	2122	1.4		2058	1.3	☽	2224	1.4	☾	2118	1.3
14 TU	0303	0.6	**29** W	0253	0.7	**14** TH	0616	0.8	**29** F	0329	0.7
	0854	1.1		0828	1.0		0921	1.0		0839	0.9
	1530	0.1		1501	0.3		1605	0.3		1527	0.3
	2236	1.3	☾	2146	1.2					2222	1.2
15 W	0358	0.8	**30** TH	0344	0.8	**15** F	0019	1.4	**30** SA	0654	0.7
	0942	1.0		0909	0.9		0751	0.7		0940	0.8
	1633	0.2		1558	0.4		1049	0.9		1644	0.4
							1908	0.4			

OCTOBER

	Time	m		Time	m		Time	m		Time	m
1 F	0058	1.1	**16** SA	0145	1.5	**1** M	0147	1.2	**16** TU	0258	1.5
	0751	0.8		0849	0.6		0823	0.5		0940	0.4
	1004	0.8		1400	1.0		1421	1.0		1532	1.4
	1724	0.4		2028	0.4		2006	0.4		2155	0.5
2 SA	0202	1.2	**17** SU	0245	1.5	**2** TU	0226	1.3	**17** W	0336	1.4
	0847	0.7		0935	0.5		0847	0.4		1017	0.3
	1418	0.8		1501	1.2		1455	1.2		1612	1.5
	1949	0.4		2127	0.4		2057	0.3		2238	0.5
3 SU	0246	1.3	**18** M	0331	1.6	**3** W	0301	1.3	**18** TH	0402	1.4
	0924	0.6		1016	0.4		0913	0.2		1045	0.3
	1458	1.0		1547	1.3		1530	1.4		1644	1.6
	2044	0.3		2216	0.4		2140	0.3		2313	0.6
4 M	0317	1.4	**19** TU	0408	1.6	**4** TH	0337	1.4	**19** F	0419	1.4
	0944	0.5		1050	0.4		0947	0.1		1100	0.2
	1526	1.1		1623	1.5		1609	1.5		1710	1.6
	2127	0.2		2256	0.4		2221	0.3	O	2336	0.6
5 TU	0345	1.4	**20** W	0433	1.5	**5** F	0413	1.4	**20** SA	0439	1.3
	0959	0.4		1117	0.3		1025	-0.1		1108	0.2
	1554	1.3		1652	1.5		1651	1.7		1735	1.6
	2207	0.1	O	2325	0.4	●	2302	0.3		2353	0.6
6 W	0415	1.5	**21** TH	0451	1.5	**6** SA	0451	1.4	**21** SU	0505	1.3
	1024	0.2		1131	0.3		1105	-0.2		1127	0.1
	1629	1.4		1719	1.6		1735	1.8		1803	1.6
●	2246	0.1		2341	0.5		2344	0.3			
7 TH	0449	1.5	**22** F	0512	1.5	**7** SU	0530	1.4	**22** M	0018	0.6
	1057	0.0		1138	0.2		1147	-0.3		0534	1.2
	1708	1.6		1748	1.6		1821	1.8		1153	0.1
	2325	0.1								1834	1.6
8 F	0524	1.5	**23** SA	0000	0.5	**8** M	0026	0.4	**23** TU	0050	0.6
	1133	-0.1		0537	1.4		0608	1.3		0602	1.2
	1750	1.7		1155	0.2		1228	-0.3		1222	0.0
				1820	1.6		1910	1.8		1907	1.5
9 SA	0003	0.1	**24** SU	0026	0.5	**9** TU	0111	0.5	**24** W	0123	0.6
	0601	1.4		0603	1.3		0647	1.2		0628	1.1
	1211	-0.2		1218	0.1		1311	-0.2		1254	0.0
	1835	1.7		1852	1.6		2001	1.7		1940	1.5
10 SU	0043	0.2	**25** M	0057	0.5	**10** W	0200	0.6	**25** TH	0157	0.6
	0637	1.4		0628	1.2		0729	1.1		0657	1.0
	1251	-0.2		1243	0.1		1355	-0.1		1331	0.1
	1922	1.7		1923	1.5		2058	1.6		2017	1.4
11 M	0123	0.3	**26** TU	0128	0.6	**11** TH	0302	0.7	**26** F	0234	0.6
	0712	1.3		0652	1.2		0816	1.0		0735	1.0
	1331	-0.2		1311	0.1		1443	0.1		1414	0.1
	2013	1.6		1956	1.4	☽	2208	1.5		2100	1.3
12 TU	0205	0.5	**27** W	0159	0.6	**12** F	0602	0.7	**27** SA	0320	0.6
	0747	1.2		0719	1.1		0917	1.0		0824	0.9
	1414	-0.1		1346	0.2		1543	0.3		1507	0.2
	2110	1.5		2032	1.3		2350	1.4	☾	2152	1.3
13 W	0254	0.7	**28** TH	0237	0.7	**13** SA	0715	0.6	**28** SU	0425	0.6
	0828	1.1		0754	1.0		1153	0.9		0928	0.9
	1503	0.1		1431	0.2		1847	0.5		1612	0.3
☽	2224	1.4	☾	2118	1.3					2258	1.2
14 TH	0616	0.8	**29** F	0329	0.7	**14** SU	0112	1.4	**29** M	0555	0.5
	0921	1.0		0839	0.9		0811	0.5		1059	0.9
	1605	0.3		1527	0.3		1345	1.1		1736	0.4
				2222	1.2		2005	0.5			
15 F	0019	1.4	**30** SA	0654	0.7	**15** M	0211	1.5	**30** TU	0019	1.2
	0751	0.7		0940	0.8		0858	0.4		0658	0.4
	1049	0.9		1644	0.4		1444	1.2		1325	1.0
	1908	0.4					2105	0.5		1912	0.5
31 SU	0049	1.2									
	0749	0.6									
	1334	0.8									
	1850	0.4									

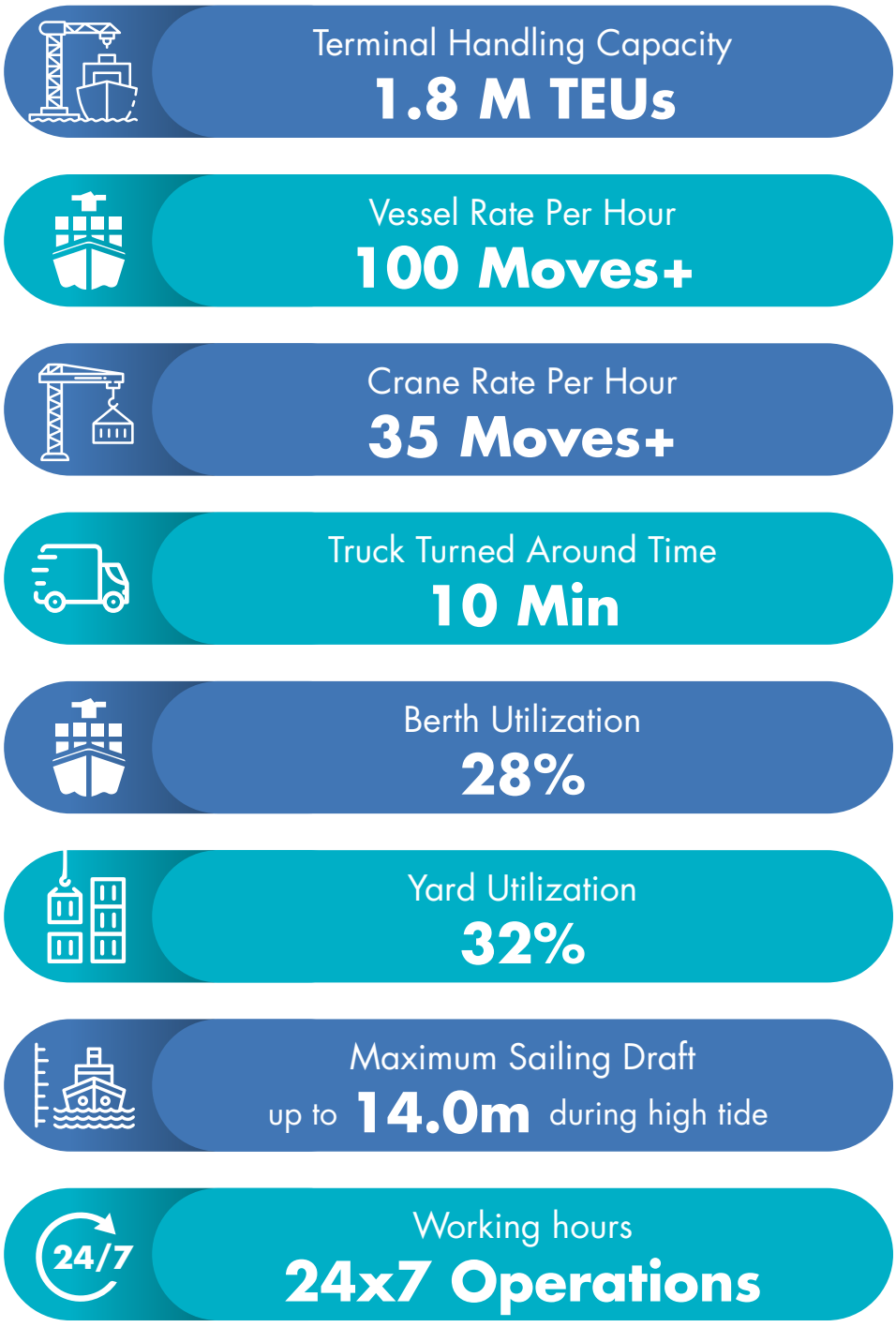
NOVEMBER

	Time	m		Time	m		Time	m		Time	m
1 M	0147	1.2	**16** TU	0258	1.5	**1** W	0123	1.2	**16** TH	0300	1.3
	0823	0.5		0940	0.4		0745	0.3		0943	0.3
	1421	1.0		1532	1.4		1421	1.2		1555	1.5
	2006	0.4		2155	0.5		2020	0.5		2220	0.7
2 TU	0226	1.3	**17** W	0336	1.4	**2** TH	0212	1.3	**17** F	0332	1.2
	0847	0.4		1017	0.3		0830	0.1		1014	0.3
	1455	1.2		1612	1.5		1507	1.4		1633	1.5
	2057	0.3		2238	0.5		2113	0.5		2302	0.7
3 W	0301	1.3	**18** TH	0402	1.4	**3** F	0256	1.3	**18** SA	0352	1.2
	0913	0.2		1045	0.3		0914	0.0		1033	0.2
	1530	1.4		1644	1.6		1551	1.6		1703	1.6
	2140	0.3		2313	0.6		2200	0.5		2335	0.7
4 TH	0337	1.4	**19** F	0419	1.4	**4** SA	0339	1.3	**19** SU	0415	1.2
	0947	0.1		1100	0.2		0958	-0.2		1045	0.2
	1609	1.5		1710	1.6		1636	1.7		1726	1.6
	2221	0.3	O	2336	0.6	●	2245	0.5	O	2357	0.7
5 F	0413	1.4	**20** SA	0439	1.3	**5** SU	0421	1.3	**20** M	0444	1.2
	1025	-0.1		1108	0.2		1043	-0.2		1108	0.1
	1651	1.7		1735	1.6		1722	1.8		1751	1.6
●	2302	0.3		2353	0.6		2330	0.5			
6 SA	0451	1.4	**21** SU	0505	1.3	**6** M	0504	1.3	**21** TU	0017	0.6
	1105	-0.2		1127	0.1		1128	-0.3		0517	1.1
	1735	1.8		1803	1.6		1809	1.8		1139	0.0
	2344	0.3								1821	1.6
7 SU	0530	1.4	**22** M	0018	0.6	**7** TU	0016	0.5	**22** W	0045	0.6
	1147	-0.3		0534	1.2		0548	1.3		0549	1.1
	1821	1.8		1153	0.1		1212	-0.2		1214	0.0
				1834	1.6		1858	1.8		1853	1.6
8 M	0026	0.4	**23** TU	0050	0.6	**8** W	0105	0.6	**23** TH	0116	0.5
	0608	1.3		0602	1.2		0633	1.2		0619	1.1
	1228	-0.3		1222	0.0		1257	-0.2		1250	0.0
	1910	1.8		1907	1.5		1948	1.7		1928	1.5
9 TU	0111	0.5	**24** W	0123	0.6	**9** TH	0200	0.6	**24** F	0148	0.5
	0647	1.2		0628	1.1		0720	1.2		0652	1.1
	1311	-0.2		1254	0.0		1342	0.0		1327	0.0
	2001	1.7		1940	1.5		2041	1.6		2003	1.5
10 W	0200	0.6	**25** TH	0157	0.6	**10** F	0317	0.7	**25** SA	0221	0.5
	0729	1.1		0657	1.0		0812	1.1		0731	1.0
	1355	-0.1		1331	0.1		1429	0.2		1406	0.1
	2058	1.6		2017	1.4		2140	1.5		2041	1.4
11 TH	0302	0.7	**26** F	0234	0.6	**11** SA	0516	0.6	**26** SU	0258	0.4
	0816	1.0		0735	1.0		0914	1.0		0819	1.0
	1443	0.1		1414	0.1		1520	0.4		1451	0.2
☽	2208	1.5		2100	1.3	☽	2255	1.4		2123	1.3
12 F	0602	0.7	**27** SA	0320	0.6	**12** SU	0627	0.6	**27** M	0343	0.4
	0917	1.0		0824	0.9		1115	1.0		0919	1.0
	1543	0.3		1507	0.2		1803	0.6		1543	0.3
	2350	1.4	☾	2152	1.3				☾	2210	1.3
13 SA	0715	0.6	**28** SU	0425	0.6	**13** M	0020	1.4	**28** TU	0438	0.3
	1153	0.9		0928	0.9		0726	0.5		1035	1.0
	1847	0.5		1612	0.3		1313	1.1		1644	0.4
				2258	1.2		1930	0.6		2306	1.2
14 SU	0112	1.4	**29** M	0555	0.5	**14** TU	0126	1.3	**29** W	0541	0.3
	0811	0.5		1059	0.9		0817	0.4		1221	1.1
	1345	1.1		1736	0.4		1417	1.2		1801	0.6
	2005	0.5					2035	0.7			
15 M	0211	1.5	**30** TU	0019	1.2	**15** W	0218	1.3	**30** TH	0010	1.2
	0858	0.4		0658	0.4		0903	0.4		0649	0.2
	1444	1.2		1325	1.0		1510	1.4		1349	1.3
	2105	0.5		1912	0.5		2131	0.7		1935	0.6

DECEMBER

	Time	m		Time	m
1 W	0123	1.2	**16** TH	0300	1.3
	0745	0.3		0943	0.3
	1421	1.2		1555	1.5
	2020	0.5		2220	0.7
2 TH	0212	1.3	**17** F	0332	1.2
	0830	0.1		1014	0.3
	1507	1.4		1633	1.5
	2113	0.5		2302	0.7
3 F	0256	1.3	**18** SA	0352	1.2
	0914	0.0		1033	0.2
	1551	1.6		1703	1.6
	2200	0.5		2335	0.7
4 SA	0339	1.3	**19** SU	0415	1.2
	0958	-0.2		1045	0.2
	1636	1.7		1726	1.6
●	2245	0.5	O	2357	0.7
5 SU	0421	1.3	**20** M	0444	1.2
	1043	-0.2		1108	0.1
	1722	1.8		1751	1.6
	2330	0.5			
6 M	0504	1.3	**21** TU	0017	0.6
	1128	-0.3		0517	1.1
	1809	1.8		1139	0.0
				1821	1.6
7 TU	0016	0.5	**22** W	0045	0.6
	0548	1.3		0549	1.1
	1212	-0.2		1214	0.0
	1858	1.8		1853	1.6
8 W	0105	0.6	**23** TH	0116	0.5
	0633	1.2		0619	1.1
	1257	-0.2		1250	0.0
	1948	1.7		1928	1.5
9 TH	0200	0.6	**24** F	0148	0.5
	0720	1.2		0652	1.1
	1342	0.0		1327	0.0
	2041	1.6		2003	1.5
10 F	0317	0.7	**25** SA	0221	0.5
	0812	1.1		0731	1.0
	1429	0.2		1406	0.1
	2140	1.5		2041	1.4
11 SA	0516	0.6	**26** SU	0258	0.4
	0914	1.0		0819	1.0
	1520	0.4		1451	0.2
☽	2255	1.4		2123	1.3
12 SU	0627	0.6	**27** M	0343	0.4
	1115	1.0		0919	1.0
	1803	0.6		1543	0.3
			☾	2210	1.3
13 M	0020	1.4	**28** TU	0438	0.3
	0726	0.5		1035	1.0
	1313	1.1		1644	0.4
	1930	0.6		2306	1.2
14 TU	0126	1.3	**29** W	0541	0.3
	0817	0.4		1221	1.1
	1417	1.2		1801	0.6
	2035	0.7			
15 W	0218	1.3	**30** TH	0010	1.2
	0903	0.4		0649	0.2
	1510	1.4		1349	1.3
	2131	0.7		1935	0.6
			31 F	0117	1.2
				0752	0.1
				1449	1.4
				2056	0.7

5. Average Statistics



6. Jubail Container Terminal Technical Information

Port	Jubail Commercial Port, Saudi Arabia
Name of Terminal	Jubail Container Terminal
Length of the berth and number of berths	1000 m (Berth #13,14,15 & 16)
Maximum depth in the channel	25m - 50m
Maximum depth at the berth	14m Chart datum
Distance from Pilot Station to Container Berth	3.7 NM / 60-90 Min (Including Maneuvering)
Terminal Handling Capacity	1.8 million TEU's
Stacking Capacity	32,540 TEU's
Total Container Storage Area	569,934 m^2
Maximum Size / Type of Vessel (handle)	Up to 16K
Vessel's side Alongside	Starboard / port side prior approval from port
Number of cranes at berth	6 X Liebherr Super Post Panamax Cranes
Reach of Cranes number of rows across	20
SWL of cranes under spreader	65 Tons
SWL of cranes under hook	75 Tons
Maximum height of Spreader at chart datum	56.5m.
Maximum outreach from sea fender	56m.
Number of cranes fit for twin lift ops	6 x Liebherr Cranes
Distance between the cranes legs	17 Meter
Maximum Cargo Width	17 Meter
Mobil Crane	02 Gottwald Cranes 120mt Capacity
RTG(Rubber Tired Gantry)	13 (65mt)
Reach Stackers	5 KALMAR SWL 45mt
Empty Container Handlers	5 KALMAR SWL 9mt
Head Trucks	60 Terberg
Trailers	60 Buiscar
Number of Forklifts	31 SWL 4 to 33mt
Reefer plugs available at the terminal	800 Points
Terminal Operating System	Navis SPARCS & N4

7. General & Bulk Cargo Berth Information

Port	Jubail Commercial Port, Saudi Arabia
Berth	General & Bulk Cargo Berths
Length of the berth and number of berths	424 m (Berth # 5 & 6)
Maximum depth in the channel	25m - 50m
Maximum depth at the berth	12m Chart datum
Distance from Pilot Station to Container Berth	3.7 NM / 60-90 Min (Including Maneuvering)
Covered Warehouse adjacent to Berth	9k m^2
Number of Mobile Harbor Crane	4 Units
SWL of Mobile Harbor Cranes	45-120mt Capacity
Hopper for Bulk Cargo	4 Units
Fork Lifts	20 Units (4mt - 32mt)
Landside Equipment	120 Units

8. ICD & Shuttling

Depot	Storage Yard (ICD)
Location	Inside Jubail Commercial Port
Storage Area	38,676 SQM
Storage Capacity	4,200 TEU's
Services	LOLO, Storage and Shuttling
Reach Stackers	3 x KALMAR SWL 45mt
Empty Container Handlers	1x KALMAR SWL 9mt
Dedicated Head Trucks	25 Terberg
Dedicated Trailers	25 Buiscar
Number of Forklifts	2 x SWL 33mt
Working Hours	24 Hours Operations

9. ISO Certification

TÜV NORD

CERTIFICATE

Management system as per
ISO 9001 : 2015

In accordance with TÜV NORD CERT procedures, it is hereby certified that

Gulf Stevedoring Contracting Company Limited
Jubail Commercial Port, P. O. Box 1553
Jubail 31951
Kingdom of Saudi Arabia

with the location:
Gulf Stevedoring Contracting Company Limited,
King Fahd Industrial Port, P. O. Box 1553, Jubail 31951, Kingdom of Saudi Arabia

applies a management system in line with the above standard for the following scope

Operation of Containers & RoRo Cargo Terminal

Certificate Registration No. 44 100 135364
Audit Report No. 5700 3281

Valid from 2019-11-26
Valid until 2022-11-25
Initial certification 2013

Certification Body
at TÜV NORD CERT GmbH

Dammam, 2019-11-26

This certification was conducted in accordance with the TÜV NORD CERT auditing and certification procedures and is subject to regular surveillance audits.

TÜV NORD CERT GmbH Langemarckstraße 20 45141 Essen www.tuev-nord-cert.com

IAF

DAkkS Deutsche Akkreditierungsstelle D-ZM-12007-01-01

10. Contact Information

Terminal
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