
UNJLC Sudan

SEA PORT LOGISTICS INFORMATION

This product provides seaport information based on compiled data from WFP, other UN agencies and commercial sector sources and is subject to periodic update.

Sudan Seaports Corporation (PORT SUDAN)			
Ref sources: www.sudani.co.za (website date: June 2004)/WFP LCA (Consultant:Meaze Adebe-Jan 2004)			
(1) PORT SUDAN GENERAL INFORMATION			
Latitude:	19 degrees 53' North		
Longitude:	37 degrees 13' East		
Capacity:	8 million tons (excludes: oil export)	Expectations: 11 million (Comprising North and South Quays)	
Capacity (2002 for 2003/4 LCA Report: 3.1 million tons)			
North Quays:			
Cargo:	general-edible oils, molasses		
Berths:	11 (10 for general /bulk - 1 for bulk cement discharge)		
Berths Distance:	1,663 meters		
Depth:	8.7-10.7 meters		

(1.1) NORTH QUAY BERTHS: (Cargo: General - edible oils, molasses)			
Berth Numbers	Length	Depth	Remarks/New Developments & Status Updating
1 - 5A	825 meters	8.7 - 10.7 meters	General cargo and edible oil
6 & 7	365 meters	10.7 meters	General cargo and edible oil
8 & 9	375 meters	10.7 meters	General cargo and edible oil
11	98 meters	8.7 meters	General cargo and cement

(1.2) SOUTH QUAYS (DEDICATED CONTAINER TERMINAL) - GENERAL INFORMATION	
Cargo:	container handling, petroleum, grain bulk, cereals and RoRo.
Berths:	4 (2-container, 1-RORO/oil tanker, 1-bulk grain silo berth)
Berth distance:	733 meters

(1.2) South Quay Berths: DETAILED INFORMATION

Berth Numbers	Length	Depth	Remarks/New Developments & Status Updating
15	205 meters	10.7 meters	Berths 15 & 18 are adjacent to container handling and storage areas. Berth handles general cargo and grain.
16	143 meters (LCA)	10.7 meters	General cargo and RoRo.
17 & 18	420 meters	12.6 meters	Mainly used for container vessel and fuel oil tankers.

CONTAINER HANDLING EQUIPMENT

Description	Quantity	Capacity	Remarks/New Developments & Status Updating
Ship to Shore Gantry Cranes	3	No information	
Rubber Tired Gantry Service	7	No information	
Forklifts of varied capacity.	6	8-15 tons	
Forklifts of varied capacity.	11	25-25 tons	

CONTAINER HANDLING TERMS AND FACILITIES: (20' and 40' containers)

Only the Sea Ports Corporation does stevedoring of containerized cargo. No other private operator is authorized to carryout Stevedoring in this terminal.

CONTAINER DISCHARGE RATES: GENERAL INFORMATION

BULK: Discharged directly into silos at Berth 15: **Up to 6,000 MT/day**
BAGGED: At the quayside at time of discharging: **1,500 to 2,000 MT/day**
CARGO DISCHARGE: Discharged in bulk/transported to silos outside the port by shuttle trucks: **2,000 - 2,500 MT/day**
CONTAINERIZED CARGO: Discharging or loading container: **300 units/crane/day - 15 containers/hour.**
Covered Container Storage Areas: 25,000 square meters. (Containers are stacked 4 high.)
Open Storage Areas: 70,000 square meters for empty containers.

PORT SUDAN HANDLING EQUIPMENT:

The following is a list of equipment owned by the Sea Ports Corporation (SPC) and exclude cargo handling equipment used by private Stevedoring companies.

Description	Quantity	Capacity	Remarks/New Developments & Status Update
A. CRANES:			
Quay Cranes	35	5 and 6 tons	
Mobile Cranes	16	15 to 35 tons	
Mobile Cranes	6	50 to 100 tons	
Gantry Cranes	3	Not recorded	
Rubber Tyred Gantry Cranes	7	Not recorded	
B. FORKLIFTS:			
	47	3 tons	
	28	8-15 tons	
	11	20-35 tons	
C. TRACTORS:			
General Cargo Tractors:	19	Not recorded	
Container Tractors:	30	Not recorded	
D. TRAILERS:			
Trailers	121	15-40 tons	Includes 14 x 40' MAFI trailers 50 tons, 30 ton trailers of 10 meters
Ro/Ro Trailers:	10		
E. TUG MASTER:			
	5	15 tons	
	7	30 tons	
	4	50 tons	
F. TRACTORS:	14	Not recorded	
G. GOOSENECKS AND TOPLIFT CONTAINER SPREADS			

VESSEL SPECIFICATIONS: (ref sources: WFP LCA M.Adebe/www.barwill.com)				
The draught will depend on the water level in port but the usual summer draught from April to September and winter draught from October to March is as follows: Anchorage Point: Tawarit accommodates 10-12 ships and depths indicated at 80 meters.				
Berths	Length in Meters	Summer Draught	Winter Draught	Remarks/New Developments & Status Update
1 - 5	690	8.50 m	8.80m	
5A	138	10.35 m	10.65m	
6	168	10.35 m	10.65m	
7	160	10.35 m	10.65m	
8	160	10.65 m	10.95m	
9	137	10.65 m	10.95m	
11	137	8.50 m	8.80m	
15	183	10.65 m	10.95m	
16	143	10.65 m	10.95m	
17 & 18	277	12.07 m	12.50m	

CARGO STORAGE EQUIPMENT: GENERAL INFORMATION			
Description	Quantity	Capacity	Remarks/New Developments & Status Update
A. SILO FACILITIES:	4	See Remarks	2 silos inside the port and 2 outside the port area. Within the Port: - One is owned by Agricultural Bank of Sudan (ABS) located at berth 15 also known as "Silo Berth" Capacity: 50,000 MT - The second is owned by Segal Flour Mill with milling operations located Khartoum and is not available for commercial purposes. Capacity: 50,000 MT Outside the Port: - One is owned Khaleej National Flour Mills Co., Ltd; with a capacity of 16 bins of 5,000 MT. Total Capacity: 80,000 MT. - Wheata owns the second silo with future plans to increase silo capacity. Capacity: 39,000 MT.
B. EVACUATORS:	4	1,000 MT/hour	Privately owned.
C. BAGGING EQUIPMENT:	12	1,000 - 2,000 MT/day	Privately owned.
D. OPEN STORAGE AREA:		516,000 M ²	
E.1 - WAREHOUSES:	27	5,800 M ²	Owned by Seaports Corporation (SPC) located inside the port area. Facilities are deteriorated and have not been maintained. Some have become permanent cement stores with some warehouses rented and the remainder having very small capacity.
E.2 - WAREHOUSES:	34	12,000 MT. each	Total Capacity: (408,000 MT.) Available outside the Port area, owned by Emirates and Red Sea Trade Investment Company. Warehouses are in good condition and are located 6-7 kilometers from the main port. 50% of total capacity is available for rent.

THE GREEN PORT: GENERAL INFORMATION
Berths: 2 (with capacity to park 2 vessels at a time) Berth Length: 400 meters and 14 meters-draft berth. Berth Nos: 21 & 22 - Length: 400 meters - Depth: 14 meters Berth Capacity: for bulk carriers - accommodates vessels with capacity of 60,000 tons. Rail Siding: Yes - accommodates installation of modern discharge equipment in the future.

PORT OPERATIONS SCHEDULE: (3 shifts/day - Workweek: Saturday to Thursday)

1st Shift: 0700-1500
2nd Shift: 1500-2300
3rd Shift: 2300-0700

PORT HOLIDAYS

1st day of Eid El Fitr (End of Ramadan)
1st day of Eid El Addha (Kurban Baira)
Revolutionary Day (30 June - no first shift)

(2) DIGNA PORT (Also known as SAWAKIN) - GENERAL INFORMATION (Ref: Source: Sudan Embassy South Africa website/www.barwil.com)

General Information:

The ancient port of Sawakin was the main port in Sudan until the British established Port Sudan in 1905. The new port has been operating Since 25 January 1991 and can accommodate costal vessels of up to 6,000 DWT, with maximum LOA 305' and 28' draft.

Latitude: 19 degrees 07' N
Longitude: 37 degrees 20' E
Capacity: Receives 1.5 million tons
Location: Suakin is 60 km south of Port Sudan
Serves: Coastal, passengers, livestock, ships, tourist yachts.
Berths: 4
Berths Length: 495
Depth: 9 meters

LPG and livestock terminal. Livestock capacity: 30,000 head fully equipped with water supply and medical care facility.

(2) DIGNA PORT (also known as SAWAKIN) - SPECIFIC INFORMATION (Ref source: Sudan Embassy-South Africa/www.barwil.com)				
Berths	Length/Depth Meters	Summer Draught	Winter Draught	Remarks/New Developments & Status Update
(1).	156 m / 9 m			Facilities equip: (1) shed warehouse (102x40.3m). Accommodates general cargo and RoRo.
(2).	130 m / 9 m			Facilities equip: 8 storage areas (40x45m) each - Total: 14,400m2 (general cargo and RoRo)
(3).	106 m / 9 m			Facilities equip: No information
(4).	67 m / 6 m			Service berth. Facilities equip: 1x6"connection (2x4" lines T junction to vsl 6") Vapor connection 1x4". Loading rate: 20/40 MT per hour. Emergency Storage Area: 27,000 m2
(5).	103 m / 6 m			Livestock export for at 30,000 head capacity. Full equipped with water supply and medical facilities.
(6).	108 m / 10.7			Gas export.

(3) OSIEF HARBOR - GENERAL INFORMATION: (rehabilitated 1993) (Ref: Source: Sudan Embassy - South Africa website/PMAESA website)	
Latitude:	26 degrees 54 N
Longitude:	21 degrees 45 E
Location:	260 m. north of Port Sudan
Cargo:	iron ore export, manganese & jipsum near the port area.
Berths:	1
Berth Length:	62 meters
Depth:	12.3 meters

(3) OSIEF HARBOR - SPECIFIC INFORMATION (Pending new information updating)				
Berths	Length in Meters	Summer Draught	Winter Draught	Remarks/New Developments & Status Update
1	62 meters	No avail info	No avail info	

(4) MARSA BASHAYER OIL TERMINAL – (NEW) GENERAL INFORMATION (Pending new information updating) (ref source: www.barwil.com - Oct 04)

General Information:

Baasher Barwil Agencies Ltd., was established in 1983 owned by Wilh. Wilhelmsen Enterprises Ltd. Oslo and the Baasher Family and provides a full package of marine services including liner representation, stevedoring, port husbandry, bunkering, clearance, etc. The Basher family has run the ship agency in Port Sudan since 1941. The company operates in Port Sudan (head office), Khartoum, Marsa Bashair Crude Oil Terminal, Marsa El Khair terminal and Suakin. Sudanese crude known as "Nile Blend Crude Oil" is exported from Marsa Bashayer terminal. This terminal is connected with 8 pumping stations throughout the pipeline from Hegleig Oil Fields up to Marsa Bashayer Terminal, a distance of approx. 1,530 km long.

Longitude: 19 degrees 24" 13' N

Latitude: 37 degrees 19" 32' E

Location: Marsa Bashayer Terminal is located approximately 25 km south of Port Sudan.

Prime Port Activity: Petroleum Products

Arrival Draft: 3m trimmed.

Draft Alongside: 54m around SPM

Facilities Equipment: 2 x 76mm chain stoppers (conforming to OCIMF requirements) - 2 x 16" floating hoses connected to port manifold.

(5) MARSA EL KHAIR TERMINAL - NEW -GENERAL INFORMATION (ref: source: www.barwil.com - Oct 04)

General Information:

Longitude: (pending data)

Latitude: (pending data)

Location: (pending data)

Prime Port Activity: Fuel Oil, Gas Oil, Mogas, Jet A-1, Naptha, LPG

Arrival Draft: (pending data)

Draft Alongside: (pending data)

Facilities Equipment: 5 arms and 7 hoses.

Entrance Width: 122 meters

Depth: 14.8 meters

Channel Length: 322 meters

OTHER INFORMATION:

Security of cargo is guaranteed at the port and entry is restricted to authorized people.

It is not recommended to store cargo for long periods, especially cargo that cannot be fumigated due to existent weather conditions at the Port.

WFP is exempt from any taxes and duties.

TRANSPORT CONDITIONS FROM PORT SUDAN:

ROAD: Khartoum Highway; paved road via Kassala, Gedarif, Wad Medani to Khartoum with connection from Wad Medani via Sennar, Kosti, El Obeid extends to El Dubebat.

RAIL: A rail network runs from Khartoum via Wad Medani, Gedarif, Kassala to Port Sudan; Wadi Hlfa in the north, Nyala in the West, Wau in the southeast, El Roseires at the Blue Nile (some sections are not functional as of the writing of the LCA report).

ONGOING PROJECTS:

(1) Construction of Dama-Dama oil terminal (14.5 meters depth)

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