



01. PORT & LOGISTICS SERVICES

- Deep-water harbor
- Offshore oil & gas support port
- Cargo berths & bulk handling
- Container logistics
- Ro-Ro & breakbulk terminal
- Fuel storage terminal
- Marine fueling & bunkering
- Ship repair & maintenance
- Customs & bonded services
- Cold chain warehousing
- Cold chain & reefer facilities
- Marine & cargo support services



GENERAL NOTES: FUTURE

- Ice making
- Fish processing
- Shrimp / Catfish
- Container transhipping in next phase
- Customs / Police - Offices and resources

PORT BOSKAMP DEEP WATER HARBOUR

A WORLD-CLASS CONTAINER SHIPPING PORT & CARGO HUB
WITH COLD STORAGE, LOGISTICS & INDUSTRIAL PARK



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A = Vessel berthing up to 500' (150m)

B = Barges from 195' x 35' to 290' x 50'

S = Sandpiles gradually replaced with silos as needed

BP = Business Park

Related businesses - plastering sand/blocks/glass products

TO = Tibiti Offices 25m x 25m (82'x82')

GP = glass plant or other lessee

H = Hotel 16 rooms plus 3 conference rooms

WSP = Warehouse/Storage/Port operations office

SITE INFO

68 HECTARES

168 ACRES

--- Conveyor system

□ Barge

○ Ship

C = Container store

Community services

NC/CS
Neighborhood Center =
/ Community Services

LI / BP
Light Industry Business Park =

Medical Services

5 - 10 beds, First aid =



MS = Maintenance / Storage

EP/RP = Equipment Park/ Repairs/ Parking
heavy & Light Vehicles

TA = Tibiti Admin / Corporate

ET / ST = Effluent Treatment/ Sewage Treatment

WT = Water Treatment

FS = Fuel Storage

H Heliport / Passenger

PORT BOSKAMP
PORT AND TANK FARM



KEY HIGHLIGHTS

- Deep-water access for large vessels
- Integrated port & logistics hub
- Cold storage & reefer facilities
- Industrial & business park
- Sustainable & future-ready development

STRATEGIC ADVANTAGES

- Direct ship-to-shore cargo handling
- Multi-modal connectivity
- Customs, bonded & support services
- Value-added industrial ecosystem
- Job creation & economic growth

FACILITIES & SERVICES



PORT
OPERATIONS



WAREHOUSING
& STORAGE



COLD
STORAGE



INDUSTRIAL
PARK



TANK FARM
& FUELS



ADMIN &
SUPPORT

BUILT FOR GROWTH. DRIVEN BY OPPORTUNITY.

Port Boskamp is your gateway to the region and beyond.



CONNECT



TRADE



INDUSTRY



GROW



THRIVE

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**PORT
BOSKAMP**
SURINAME

Port Boskamp Deep Water Harbour & Integrated Port Services

Port Boskamp Deep Water Harbour, Suriname, is envisioned as a modern, multi-purpose maritime logistics and industrial hub strategically positioned to support container shipping, bulk cargo, liquid fuels, offshore operations, and regional trade. The harbour concept incorporates **three deep-water cairns/berths with approximately 18–20 meters of water depth**, berth lengths of roughly **400–450 meters**, a **500-meter turning basin**, and the capability to accommodate vessels of up to approximately **80,000 DWT**. The three operating areas are designed for specialized functions: a **container terminal** with ship-to-shore cranes, RTG yard operations and reefer facilities; a **multipurpose terminal** for break-bulk, general cargo, Ro-Ro and project cargo; and a **bulk and liquid terminal** supporting grain, minerals, cement, fuels, tank-farm operations and bunkering. At full development, the concept targets approximately **2.5 million TEU of annual capacity**, supported by 24/7 operations, modern cargo-handling equipment, bonded and customs facilities, warehousing, cold storage, industrial space, and direct connections to the broader Port Boskamp commercial and logistics development.

Port Boskamp is designed to provide much more than vessel berthing. Its integrated service platform includes **pilotage and tugboat services, mooring, cargo handling and storage, container stuffing and stripping, customs and immigration, port health and quarantine, security and surveillance, firefighting and rescue, waste collection, ship chandlery, crew services, fresh-water supply, bunkering, maintenance and mechanical services, cold-chain and reefer support, road and rail connectivity, communications, and environmental monitoring**. The development also incorporates a **smart port control center**, fiber-optic communications, AI-supported monitoring, automated cargo and yard management, shore power for vessels, renewable solar and hydrogen energy, wastewater and water-treatment infrastructure, drainage and flood-control systems, and backup energy storage. Combined with its warehousing, tank farm, industrial and business parks, cold-storage facilities and supporting administration, Port Boskamp is planned as a **self-contained, future-ready gateway for Suriname and the wider Caribbean and South American markets**, capable of supporting international shipping, offshore industries, food and refrigerated logistics, manufacturing, energy distribution and long-term economic development.

PORT BOSKAMP DEEP WATER PORT – 3 CAIRNS OPERATIONS OVERVIEW

Integrated Port, Services, Power & Infrastructure

DEEP PORT SPECIFICATIONS

- Location: Between Two Major Rivers
- Port Type: Deep Water Multipurpose
- Total Cairns: 3
- Berth Length:
 - Cairn 1: 400 m
 - Cairn 2: 400 m
 - Cairn 3: 450 m
- Berth Depth: 18 – 20 meters
- Turning Basin: 500 m
- Annual Capacity: ~2.5M TEU
- Vessels: Up to 80,000 DWT
- Operating: 24/7 All-Weather
- Port Area: ~120 Hectares
- Security: ISPS Compliant

VESSEL CAPACITY GUIDE

	Feeder Vessel 1,000 – 2,500 TEU
	Panamax Vessel 3,000 – 5,000 TEU
	Post Panamax 6,000 – 10,000 TEU
	Large Container Vessel 10,000 – 24,000 TEU
	Ultra Large Vessel (ULCV) Up to 80,000 DWT



3 CAIRNS
Deep Water Berths



18–20m
Water Depth



2.5M TEU/Year
Capacity



24/7
Operations



~1,200 Jobs
Direct & Indirect



Smart Port
Automation & AI

CAIRN 1

CONTAINER TERMINAL

- Container Handling
- Ship-to-Shore Cranes
- RTG Yard Operations
- Reefer & Hazardous Area
- Customs & Inspection

CAIRN 2

MULTIPURPOSE TERMINAL

- Break Bulk Cargo
- General Cargo
- Ro-Ro Operations
- Project Cargo
- Heavy Lift Handling

CAIRN 3

BULK & LIQUID TERMINAL

- Bulk Cargo Handling
- Grain, Mineral, Cement
- Liquid Bulk (Fuel, Oil)
- Tank Farm & Pipelines
- Bunkering Services

PORT SERVICES (ALL CAIRNS)

- Pilotage & Tugboat Services
- Mooring & Berthing
- Cargo Handling & Storage
- Container Stuffing / Stripping
- Customs & Immigration
- Port Health & Quarantine
- Security & Surveillance
- Fire Fighting & Rescue
- Waste Collection & Disposal
- Maintenance & Mechanical
- Shore Power Supply
- Fresh Water Supply
- Internet & Communication
- Road & Rail Connectivity
- Bunkering (Marine Fuel)
- Ship Chandler & Supplies
- Crew Change & Welfare
- Workshop & Spare Parts
- Cold Storage & Reefer Plugs
- Environmental Monitoring

POWER REQUIREMENT

Total Installed Load:	~35 – 45 MW
Shore Power (Vessels):	~15 MW
Crane & Machinery:	~10 MW
Terminal Operations:	~8 MW
Buildings & Services:	~5 MW
Lighting & Utilities:	~2 – 3 MW
Power Source:	Hybrid Grid
Backup:	3 MW Supercap Bank
Renewable Input:	225 kWp Solar
Hydrogen Generator:	2.5 MW
Voltage Supply:	11 kV / 400 V

DETAILED CAIRN OPERATIONS

CAIRN 1 – CONTAINER TERMINAL

Quay Length	400 m
Quay Depth	18 – 20 m
Ship-to-Shore Cranes	4 Units
RTG Cranes	16 Units
Reach Stackers	6 Units
Yard Capacity	25,000 TEU
Reefer Plugs	400 Points
Gate Lanes	8 (In), 8 (Out)
Throughput Capacity	1.2M TEU/Year
Main Cargo Type	Containers



CAIRN 2 – MULTIPURPOSE TERMINAL

Quay Length	400 m
Quay Depth	18 – 20 m
Mobile Harbor Cranes	2 Units
Forklifts / Loaders	12 Units
Ro-Ro Ramp	1 Unit
Open Storage Area	80,000 m²
Warehouse Area	20,000 m²
Project Cargo Area	15,000 m²
Throughput Capacity	800,000 Ton/Year
Main Cargo Type	Break Bulk, General, Ro-Ro



CAIRN 2 – BULK & LIQUID TERMINAL

Quay Length	450 m
Quay Depth	18 – 20 m
Bulk Ship Loader	2 Units
Conveyor System	2 Lines
Storage Silos	6 x 10,000 Ton
Tank Farm Capacity	60,000 m³
Pipeline System	Dedicated
Bunkering Jetty	1 Unit
Throughput Capacity	1.5M Ton/Year
Main Cargo Type	Bulk, Liquid, Fuel



PORT INFRASTRUCTURE & CONNECTIVITY

Road Network	4 Lane Access
Rail Connectivity	On-site Rail Yard
Internal Roads	20+ km
Fiber Optic Network	100 Gbps Backbone
Port Security	AI Surveillance
Smart Lighting	LED + Solar
Drainage System	Rain & Flood Control

CARGO FLOW PROCESS



SUSTAINABILITY & ENVIRONMENT

- Zero-Emission Port Goal
- Shore Power for All Vessels
- Solar & Hydrogen Energy
- Waste Management System
- Oil Spill Response Equipment
- Water Treatment Plant
- Green Belt & Reforestation
- Carbon Neutral by 2040

TYPICAL VESSELS HANDLED



PORT CONTROL & SMART OPERATIONS CENTER



- Real-Time Monitoring
- Vessel Tracking (AIS)
- Cargo & Yard Management
- CCTV & Security Monitoring
- Energy Management
- Weather Monitoring
- Emergency Response Center
- AI & Predictive Analytics

WHY PORT BOSKAMP?

- ✓ Strategic Location Between Two Rivers
- ✓ Deep Water – 18 to 20 Meters
- ✓ 3 Modern Cairns for All Cargo Types
- ✓ Smart, Safe & Sustainable Port
- ✓ Integrated Power & Infrastructure
- ✓ 24/7 Efficient Operations



FLOATING DOCK 28140 GORODETSKY SSK, BAKU SHIPYARD

HEAVY-DUTY FLOATING REPAIR DOCK | BUILT FOR PERFORMANCE. DESIGNED TO LAST.



LIFT CAPACITY
8,000
TONNES



DOCK FLOOR LENGTH
158 m



OVERALL WIDTH
36.85 m



DESIGNED SERVICE LIFE
~50 YEARS

OVERVIEW

Project 28140 Floating Dock is a state-of-the-art repair dock built by Gorodets Shipyard and assembled in Baku, Azerbaijan.

- ✓ Lift capacity: 8,000 tonnes
- ✓ Dock floor length: 158 m
- ✓ Overall width: 36.85 m
- ✓ Designed service life: ~50 years
- ✓ Modular construction (6 sections)
- ✓ Automated ballast & control systems



BUILT FOR HEAVY LIFTS. ENGINEERED FOR RELIABILITY.

CAPEX – REPLACEMENT COST (2026)

ITEM	USD ESTIMATE
 Steel structure fabrication	\$22M – \$30M
 Ballast pumps & piping	\$3M – \$5M
 Electrical systems	\$2M – \$4M
 Automation & control systems	\$2M – \$4M
 Dock cranes	\$2M – \$5M
 Engineering & classification	\$3M – \$5M
 Transport & assembly	\$4M – \$8M
 Contingency (10–15%)	\$4M – \$8M
TOTAL REPLACEMENT COST	\$42M – \$69M

 For fully western-classed dock (ABS, DNV, Lloyd's) built today:
\$55M – \$75M USD

OPEX – ESTIMATED ANNUAL OPERATING COSTS

STAFFING			OPERATING COSTS (OTHER)	
POSITION	QTY	ANNUAL COST (USD)	ITEM	ANNUAL COST (USD)
 Dock Master	1	\$120,000	 Power Consumption	\$250,000 – \$500,000
 Assistant Dock Master	2	\$180,000	 Maintenance Materials	\$300,000 – \$600,000
 Electricians	4	\$240,000	 Class Surveys	\$100,000 – \$250,000
 Mechanics	4	\$240,000	 Insurance	\$400,000 – \$900,000
 Pump Operators	4	\$180,000	 Tug Support	\$100,000 – \$250,000
 Maintenance Crew	6	\$300,000	 Miscellaneous	\$150,000 – \$300,000
 Administration	2	\$100,000		
 Security	4	\$120,000		
TOTAL LABOR COST		\$1.48M	TOTAL OTHER COSTS	\$1.3M – \$2.8M

TOTAL OPEX (ANNUAL)

LOW SCENARIO	EXPECTED SCENARIO	HIGH SCENARIO
\$2.8M	\$3.8M	\$5.5M

REVENUE POTENTIAL (ANNUAL)

TYPICAL DOCKING RATES (CASPIAN REGION)	
VESSEL TYPE	DOCKING FEE (USD)
 Tugboats	\$25,000 – \$50,000
 Supply Vessels	\$75,000 – \$150,000
 Tankers	\$150,000 – \$500,000
 Offshore Vessels	\$250,000 – \$1,000,000+
 20 DOCKINGS / YEAR Averaging \$250,000 each	\$5M / YEAR
 40 DOCKINGS / YEAR Averaging \$400,000 each	\$16M / YEAR

INDICATIVE VALUATION

REVENUE (MID-CASE)	OPEX (MID-CASE)	EBITDA (MID-CASE)
\$10M / YEAR	\$4M / YEAR	\$6M / YEAR

Applying Infrastructure Multiple (Shipyard)

6x – 8x EBITDA

DOCK VALUE (ESTIMATED)

\$36M – \$48M USD

REPLACEMENT VALUE (ESTIMATED)

\$55M – \$75M USD

APPLICATIONS

- 
Offshore Support Vessels
- 
Dredgers & Barges
- 
Regional Tanker Repairs
- 
Ship Repairs & Conversions



Heavy Lift Capacity: 8,000 Tonnes



Automated Ballast & Control Systems



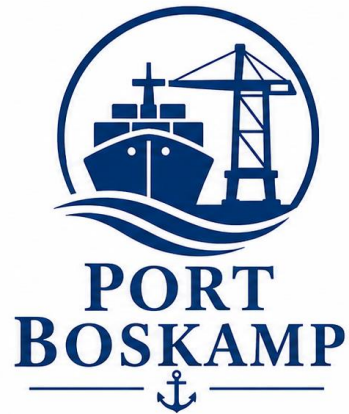
Modular Construction (6 Sections)



A STRATEGIC ASSET FOR THE CASPIAN REGION AND BEYOND – BUILT TO DELIVER. BUILT TO LAST.

Port Boskamp Floating Dry Dock & Marine Repair Facility

The proposed installation of an **8,000-tonne floating dry dock at Port Boskamp, Suriname**, would significantly expand the harbour's marine maintenance, repair, and vessel-support capabilities and establish Port Boskamp as a regional ship-repair destination. The heavy-duty modular dock is designed with an approximately **158-meter dock floor length, 36.85-meter overall width, six-section construction, automated ballast and control systems, onboard cranes, and an estimated service life of approximately 50 years**. Once integrated into the Port Boskamp deep-water harbour, the facility could support scheduled maintenance, inspections, hull repairs, mechanical and electrical work, conversions, and emergency repairs for **tugboats, supply vessels, dredgers, barges, regional tankers, offshore-support vessels, and other commercial ships** operating along the Suriname coast and throughout the Caribbean and northern South American region. The dry-dock operation would complement Port Boskamp's existing plans for bunkering, marine fueling, warehousing, cargo handling, offshore support, customs, security, and logistics services, while creating skilled employment for dock masters, engineers, electricians, mechanics, pump operators, maintenance crews, and marine-service contractors. By providing vessel owners with a location where ships can be serviced without traveling to distant international shipyards, the **Port Boskamp Floating Dry Dock & Marine Repair Facility** would become an important long-term infrastructure asset supporting port revenues, vessel availability, regional maritime commerce, and the continued development of Port Boskamp as a full-service deep-water maritime hub.



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