

SMS SAN MIGUEL

VESSEL PARTICULARS

NAME	SMS SAN MIGUEL	LENGTH OVERALL	318' 2-1/2" (96.99 M)
PORT OF REGISTRY	DOS BOCAS, TABASCO	BREADTH	95' 9-5/8"(29.2 M)
BUILDER	PT JAYA ASIATIC SHIPYARD, BATAM. INDONESIA	DEPTH	20' (6.1 M)
YEAR COMPLETED	1996	GROSS TONNAGE	4621 GRT
CLASSIFICATION	ABS † A-1	LIGHTSHIP DISPLACEMENT	2293.9 LONG TONS
		DESIGN LOAD	15.10 t/m ²



<http://www.sm-shipping.com/>

SMS SAN MIGUEL - DECK LOAD CAPACITIES

318' × 95' 10" × 20' ABS Load Line deck barge

Year built: 1996

SUMMARY OF ALLOWABLE LOADS:

➤ **Transverse Frames**

- **Uniform Linear Load** 18.546 kips/ft*
- **Point Load** 164.617 Kips*

➤ **Transverse Bulkheads**

- **Uniform Linear Load** 114.841 kips/ft
- **Point Load** 244.899 Kips

➤ **Longitudinal Bulkheads**

- **Uniform Linear Load** 37.425 Kips/ft
- **Point Load** 112.28 Kips

➤ **Side Shell**

- **Uniform Linear Load** 111.384 kips/ft
- **Point Load** 222.768 Kips

➤ **Intersection of Structures**

- **Transverse & Longitudinal Bulkheads Point Load** 1007 Kips
- **Transverse Frames & Longitudinal Bulkheads Point Loads** 1069.74 Kips
- **Transverse Bulkheads & Side Shell Point Load** 927.289 Kips
- **Transverse Frame & Side Shell Point Load** 845.949 Kips

➤ **Overall Deck**

- **Uniform Square Load on Deck** 3091.95 PSF (lb/ft²)*

***limited by Stanchions**

The information provided is offered for reference purposes only and is not based on a specific analysis of the actual vessel or project conditions. The owner does not guarantee, endorse or certify the above calculations. Individual project analyses should be performed to confirm suitability of the vessel prior to its use.

