



## Ships Particulars

(Details are believed to be correct, but are not guaranteed.)

### IMO number/Flag/Build:

– SCL Bern: 9304461 / Switzerland/ 2005

### Tonnage:

– DWT: 12.564mt (summer)  
 – Weight of tweendeck pontoons: about 32mt, total 320mt  
 – GT/NT: 9,990/4.483  
 – Suez: 10.395/8.469

### Type:

– MPCV (suitable for: bulk, container, dang, cargo, heavy lift)

### Dimensions:

– Length overall: 139.95m  
 – Length between perpendiculars: 133.50m  
 – Breadth moulded, depth moulded: 21,50m/11,65m  
 – Draft: 8,4195m  
 – Distance from keel to hatch top: 13,40m  
 – Distance from keel to highest point: 40.20m  
 – Distance from waterline to top of hatch coming in:  
 A. Fully loaded condition: 5,20m  
 B. Full ballast condition: 8,95m

### Holds:

– Number of holds: 3  
 – Grain/bale capacities by hold including hatchways:  
A (all 10 tweendeck panels out of the holds)  
 Hold 1: 3.201,49m<sup>3</sup>  
 Hold 2: 11.019,81m<sup>3</sup>  
 Hold 3: 2793,41m<sup>3</sup>  
 Total: 17.014,71m<sup>3</sup>  
B (all 10 tweendeck panels fitted in the holds)  
 Hold 1: 3.201,49m<sup>3</sup>  
 Hold 2: 10.186m<sup>3</sup>  
 Hold 3: 2.583 m<sup>3</sup>  
 Total: 15.970m<sup>3</sup>  
 – Flat tank top measurements:  
 Hold 1: 26,60 x 5,40 forw./17,90 aft  
 Hold 2: 51,80 x 17,90  
 Hold 3: 13,30 x 17,90 forw. /13,00aft  
 – Max. uniform tanktop load: 18mt/m<sup>2</sup>

### Hatches:

– Number of hatches: 3  
 – Make and type of hatch covers: MacGregor, pontoon type  
 – Hatch size:  
 Hatch 1: 26,60 x 6,80 f / 17,90 aft  
 Hatch 2: 51,80 x 17,90  
 Hatch 3: 13,30 x 17,90  
 – Max uniform load of hatch covers: 3,5tm<sup>2</sup>  
 – Distance from ship's rail to edge of coming each side: 1,80m

– Distance from bow to for off 1<sup>st</sup> hold: 14,60m  
 – Dist. from stern to laft of last hold: 29,60m  
 – Is vessel fitted with cement holes: No

### Speed/consumption/fuel engine:

– Vessel speed and consumption: Abt. 14 Knots on about 23tons/day  
 Abt. 17 Knots on about 36tons/day  
 IFO 2-3 TNS  
 – Consumption when idle: IFO 3,6–4 TNS/16 Hours crane use  
 – Consumption when working w. gear: about 990mt/ 75mt  
 – Bunker capacity HFO/MDO: Hitachi B&W 8S42MC  
 – Engine Make and type: 8.200 / 136  
 – Max output kW/RPM:

### CO2:

– Holds are CO2 fitted

### Ventilation:

– Holds are fitted with smoke detection system  
 – Hold 1 and 3: 6 air changes/hour  
 – Hold 2: 10 air changes/hour

### Cargo gear:

– Geared state make and type: MacGregor, hydro-electric  
 – Nr. And capacity of canes/derricks: 2 x 80/60/45/40mt, port side  
 – Outreach of gear beyond ship's rail: 16,5/22,5/27,5/30,5m at port side  
 – Slewing – luffing – hoisting speeds: 0,7r/min - 100s - 8/8/16/16  
 32m high  
 – Is gear combinable for heavy lift: Yes, max: lifting 144mt  
 – Are winches electro-hydraulic: Yes  
 – Vessel is fitted with lights at each hatch for night work

### Container bulkers:

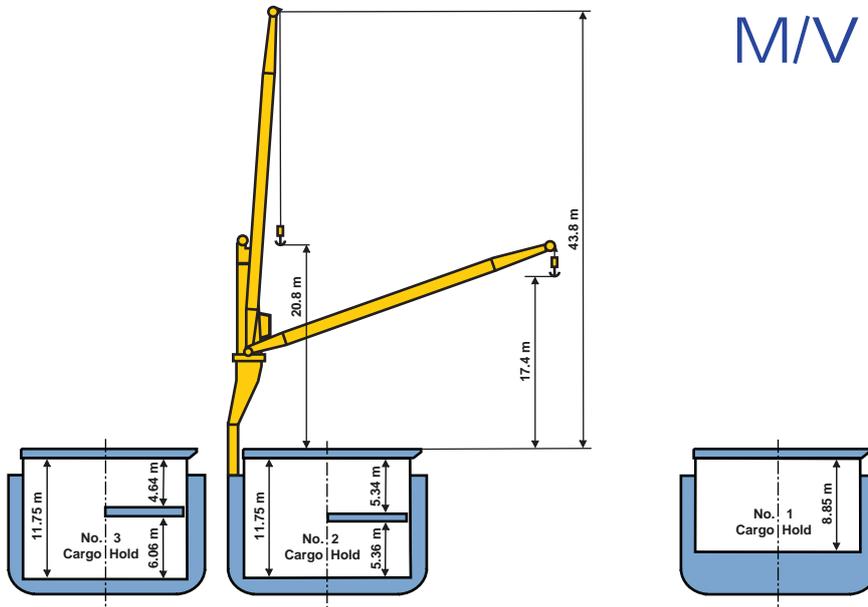
– State capacity in direct stow of TEU/  
 FEU basis: 766 TEU  
 – In holds on deck: 306/460  
 – 14 tons homogeneous weight: 538 TEU  
 – All containers within reach of vessel's gear  
 – Container spreader onboard: 1x20 and 1x40 spreader  
 – State number of reefer plugs: 120 sockets – on deck only  
 – Advised max allowable stack load and  
 nr. of tiers on/under deck of 20':  
 In hold/tiers on deck/tiers  
 Hold 1: 120/3 60/3  
 Hold 2: 120/4 60/4  
 Hold 3: 120/4 60/5  
 Aft of 3: - 60/5

### Tweendeckers:

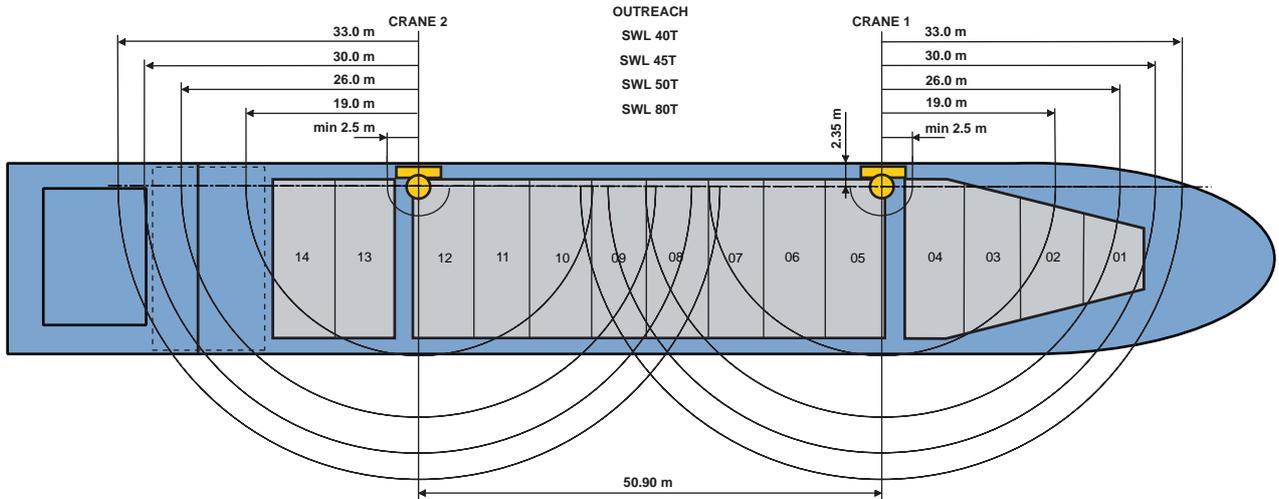
– Has vessel folding tweens? No  
 – Holds fitted with tweendecks: Holds 2 and 3  
 – Type of tweendeck hatch covers: Pontoon  
 – Nr. Of tweendeck hatch covers: 8 in hold 2 and 2 in hold 3  
 – Max. uniform load per m<sup>2</sup>: 3,5 mt/m<sup>2</sup>  
 – Weight per tweendeck pontoon: about 32mt, total 320mt

# M/V SCL BERN

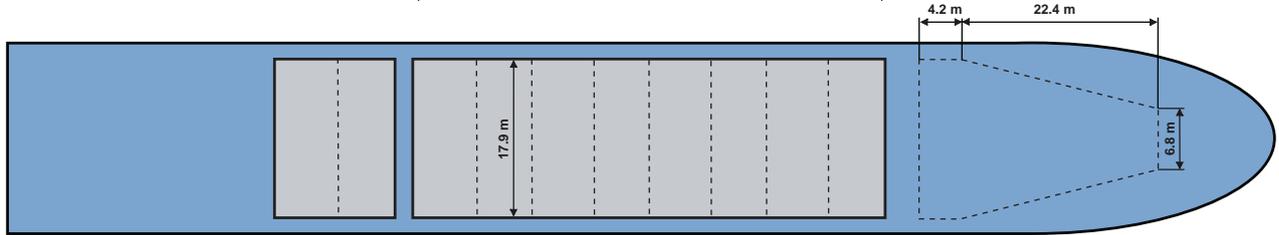
144T COMBINED LIFTING CAPACITY



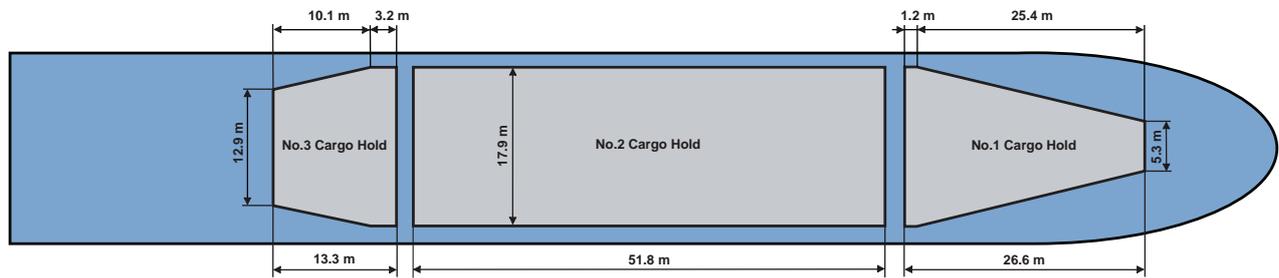
DECK



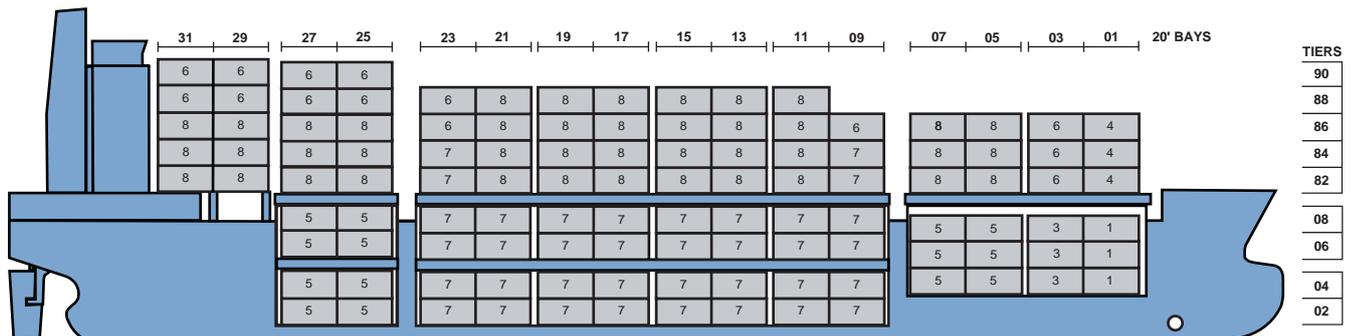
TWEEN DECK



LOWER HOLD



766 TEUS



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