



CHESAPEAKE TRADER

BARGE PARTICULARS

	ft
LENGTH	300.0
BREADTH	90.0
DEPTH	18.5
FRAME SPACING	7.5
TRANSVERSE BULKHEAD SPACING	45.0
LOADLINE DRAFT	14.5

BARGE CAPACITIES

UNIFORM DECK LOAD	REF	1200lbs/ft ²
INTERMEDIATE TRANSVERSE WEBFRAMES:		
UNIFORM DISTRIBUTED LOAD	A	9200lbs/ft
POINT LOAD (ANY POSITION)	B	87000lbs
POINT LOAD AT CENTRELINE	C	150000lbs
POINT LOAD AT LONGITUDINAL BULKHEAD	D	130000lbs
POINT LOAD AT SIDESHELL	E	180000lbs
TRANSVERSE BULKHEADS:		
UNIFORM DISTRIBUTED LOAD	F	47000lbs/ft
POINT LOAD (ANY POSITION)	G	82000lbs
LONGITUDINAL BULKHEADS:		
UNIFORM DISTRIBUTED LOAD	H	15000lbs/ft
POINT LOAD (ANY POSITION)	J	260000lbs
BULKHEAD INTERSECTION	K	100000lbs

NOTES:

- ALL POINT LOADS MUST SPREAD OVER A FOOTPRINT NO LESS THAN 20in IN DIAMETER.
- ALL POINT LOADS (EXCLUDING CL POINT LOAD, C) ARE AT ONE POINT ONLY PER FRAME EITHER SIDE OF CENTRE LINE.
- WHEN COMBINING LOADS, GLOBAL STRENGTH AND THE EFFECTS OF BALLAST DISTRIBUTION SHALL BE EVALUATED FOR EACH CASE.
- CAPACITIES STATED ARE BASED ON FULL PLATING & SCANTLING THICKNESSES

