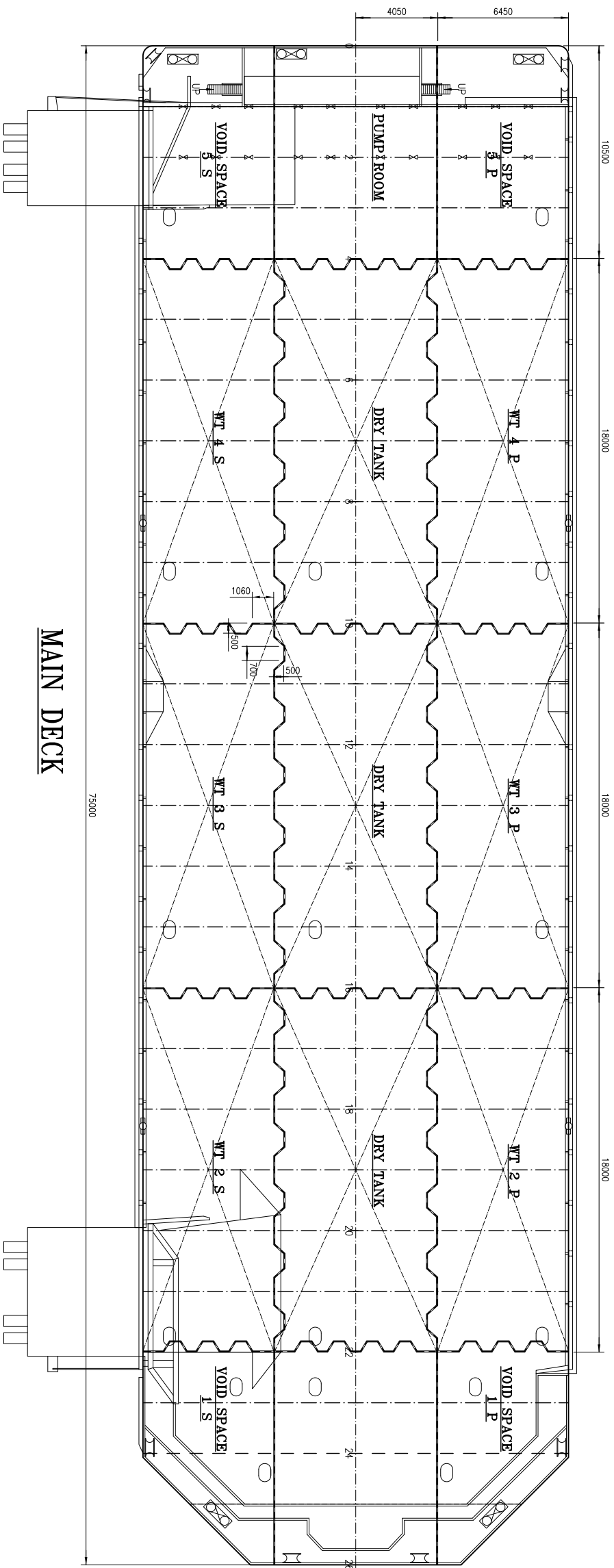
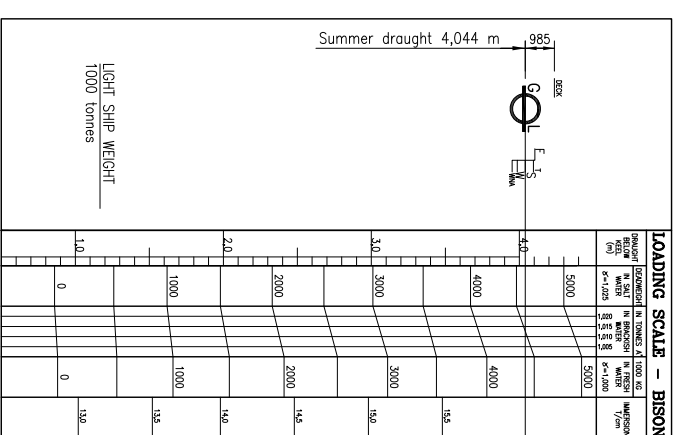


SIDE VIEW



MAIN DECK



“BISON”
CALL SIGN: SJEX

LOAD CASE	PERMISSIBLE LOADS		
	OUTSIDE LONG BHD.	INSIDE LONG BHD.	
MAX. PERM. LOAD	DMK PART	MAX. PERM. LOAD	DMK PART
ANYWHERE ON DECK	5,8 tonnes/m ²	Web	5,0 tonnes/m ²
EVEN DISTRIBUTION:	TRV. WEB	17,4 tonnes/m.	Web
	TRV. BULKHEAD	27 tonnes/m.	Buckling
EVEN DISTRIBUTION:	LONG. BULKHEAD	74 tonnes/m.	Buckling
POINT LOAD:	ON DECK, see note	7,5 tonnes **	Plate thick.
POINT LOAD:	ANYWHERE ON WEB	23,5 tonnes **	Weld *
POINT LOAD:	ANYWHERE ON BULKHEAD	22 tonnes **	Buckling *
POINT LOAD:	BULKHEAD/ WEB	47,0 tonnes **	Weld *
POINT LOAD:	BULKHEAD/ BULKHEAD	47,0 tonnes **	Weld *

* = WELD: Between deck & bulkhead: a=4 mm
Between deck & longitudinal: a=5 mm
Between deck & web: a=4 mm

** = ASSUMED PRINT: 300x300 mm.
EVERY OTHER LOADCASE TO BE CONSIDERED SPECIALLY.

Note: There are several plate-creases outside long, but that are wider than the rest of the deck and therefore have lower strength. Additional calculations have to be made in case of pointed in this area.

MAIN DIMENSIONS:

- LENGTH O.A. 75,0 m.
- BREADTH MLD. 21,0 m.
- BREADTH Incl. tender. 21,5 m.
- DRAUGHT at summer freeb. 4,044 m.
- DEPTH MLD. 5,0 m.
- DEADWEIGHT at summer freeb. 4600 T
- RAMP FWD. clear opening 6,35 m.
- RAMP AFT. clear opening 4,70 m.

TANK CAPACITIES	COMPARTMENT	VOLUME	CENTR. OF GRAVITY	TRANSV. MOMENT	
	LOG	TR: 1/2 L	ABOVE B.L.	INERTIA	
				$J=1,025$	
				MT	
	WT 2 P	572	18,00	2,50	445
	WT 2 S	572	18,00	2,50	445
	WT 3 P	584	0,18	2,50	453
	WT 3 S	584	0,18	2,50	453
	WT 4 P	594	-17,82	2,50	453
	WT 4 S	594	-17,82	2,50	453
	TOTAL BALLAST	3480			
	FUEL OIL TANK	4	-35,30	8,1	0,6