Boat plan KIR-8: 7.1 m sailing/motor canoe

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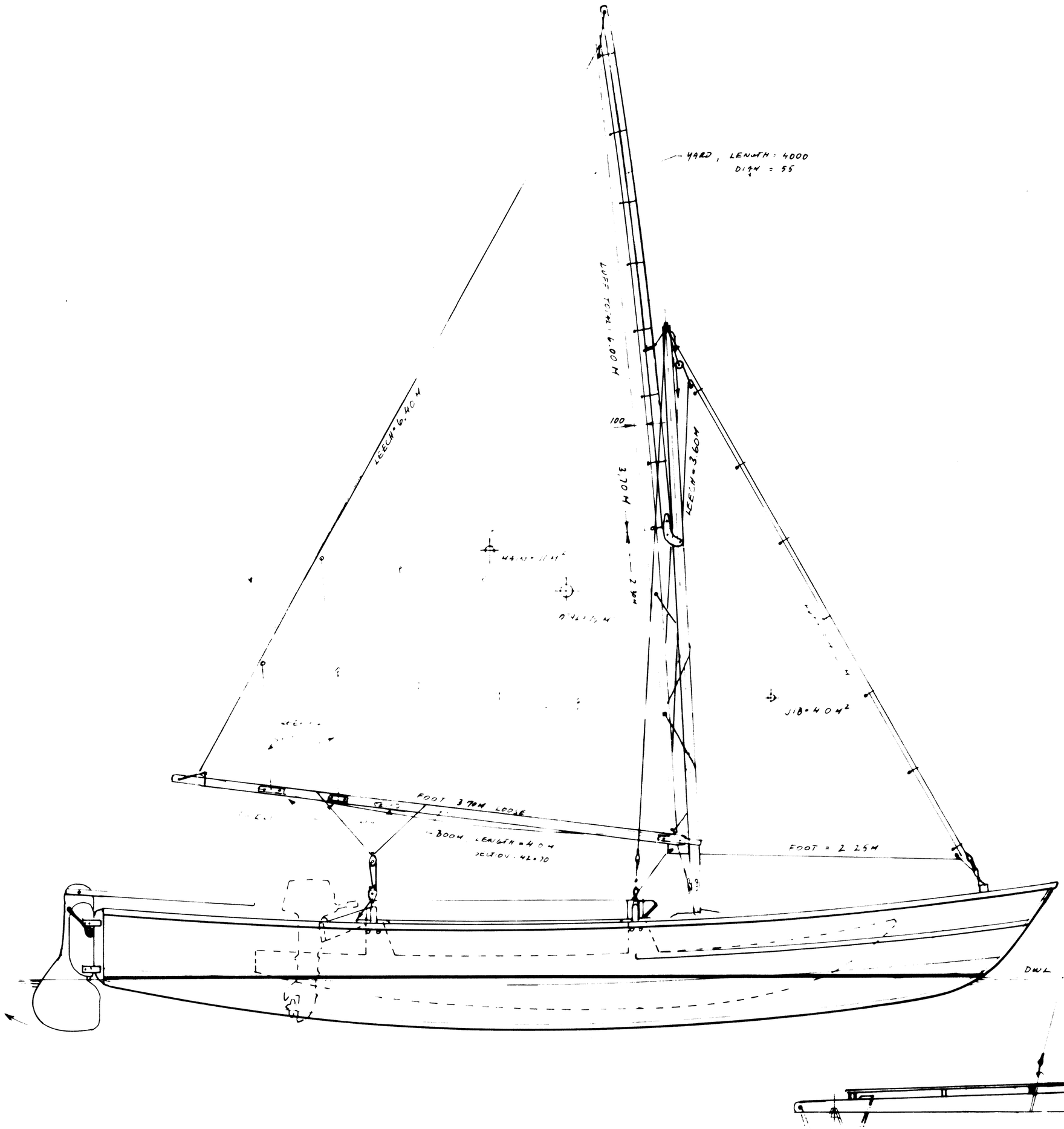
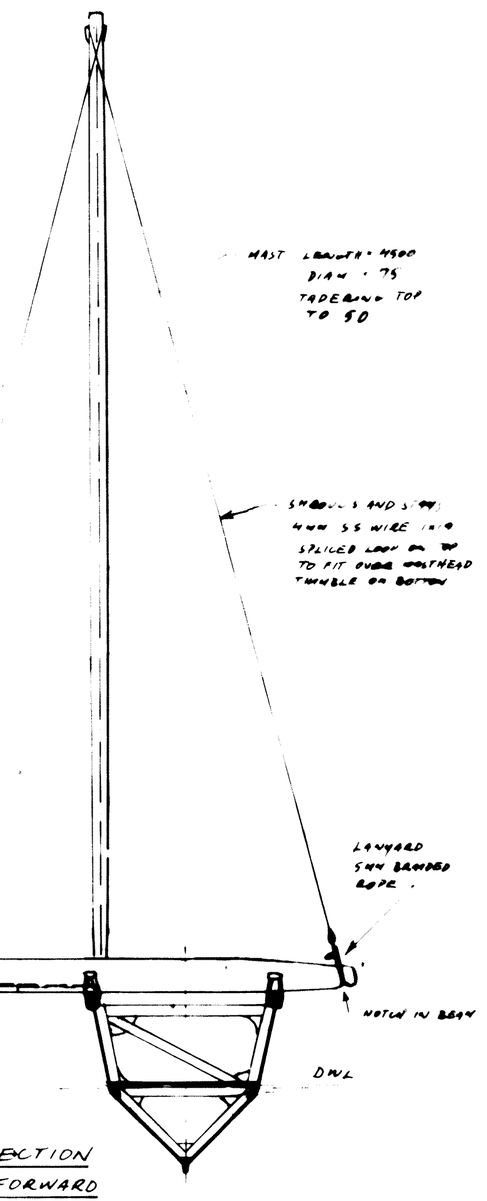
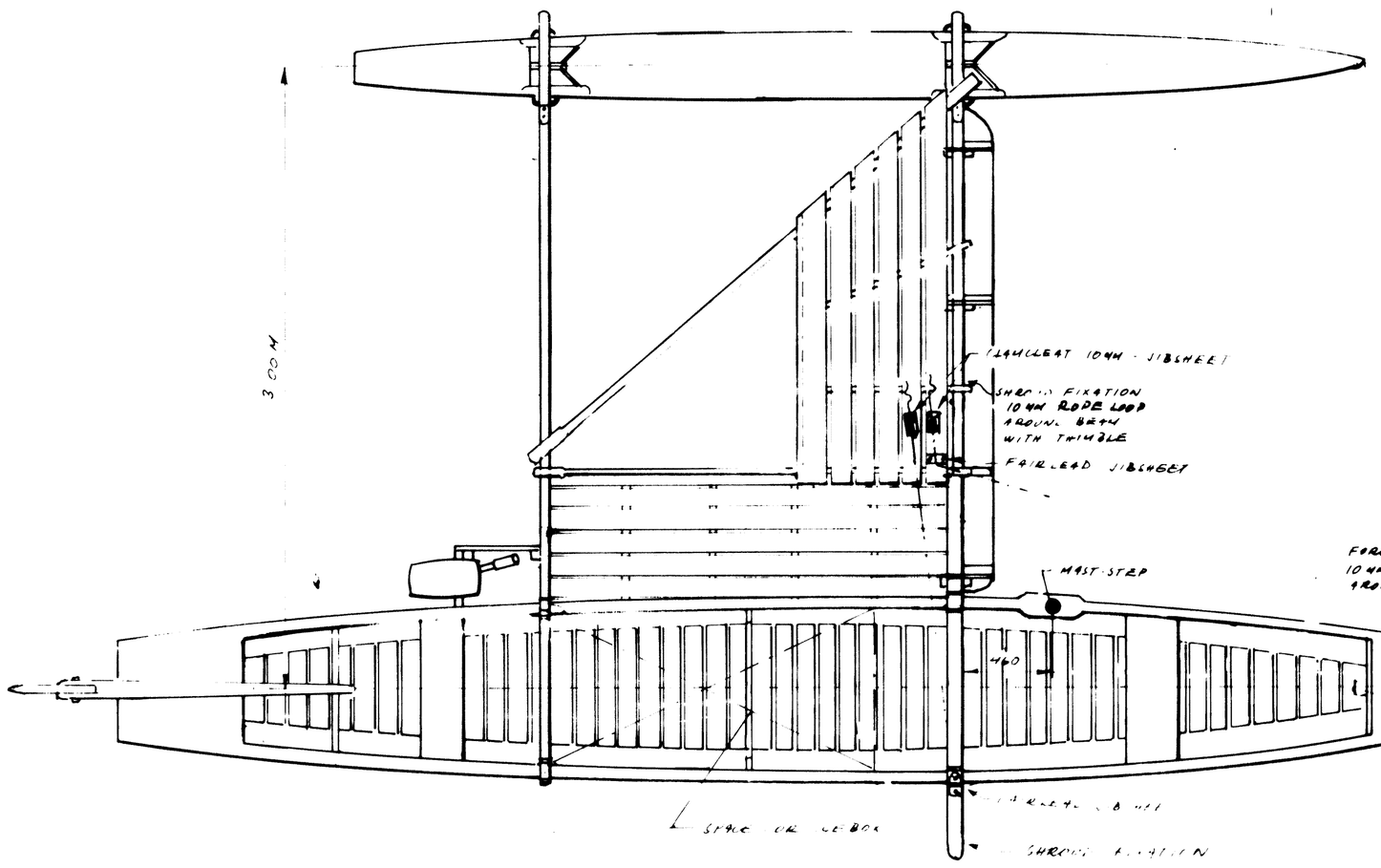




MIDSHIP SECTION
LOOKING FORWARD



MAIN DIMENSIONS

LENGTH OVER ALL	7.10 M	23'4"
BEAM MAXIMUM	4.10 M	
DEPTH MOULDED (HULL)	0.75M	
LENGTH - DWL —"—	6.60 M	
BEAM - DWL —"—	0.69M	
DRAUGHT - DWL —"—	0.39M	
FREEBOARD, MIN. - DWL	0.40M	

DISPLACEMENT	EMPTY	LOADED (DWL)
HULL -	175 Kg	460 Kg
OUTRIGGER	45 "	55 "
TOTAL	220 Kg	515 Kg

PROPULSION: SAIL = 15 M²
AUXILLARY OUTBOARDMOTOR 2-4 HP, LONGSHAFT 20"

FISHING METHODS: HANDLINING, TROLLING, PEARL SHELL LURE.

CREW: 2 - 3

REPLACED BY KIR-8A

1.0M 0.5 0 1 2M

SAFETY FEATURES: THE CRAFT CAN, AFTER CAPSIZE, BE RIGHTED BY TWO MEN STANDING ON THE MAIN HULL USING ROPES FROM OUTRIGGER
BUILT IN BUOYANCY BLOCKS WILL MAKE THE CRAFT FLOAT SUFFICIENTLY HIGH TO PERMIT BAILING THE CRAFT DRY WITH A BUCKET

FAO FIAT PANIS

7.1 M SAILING/MOTOR CANOE

GENERAL ARRANGEMENT

SCALE = 1:20	DESIGN NO:	DRWG. NO
DESIGN: Ø. Gulbrandsen	KIR-8	1
GRIMSTAD, OCT - 82		

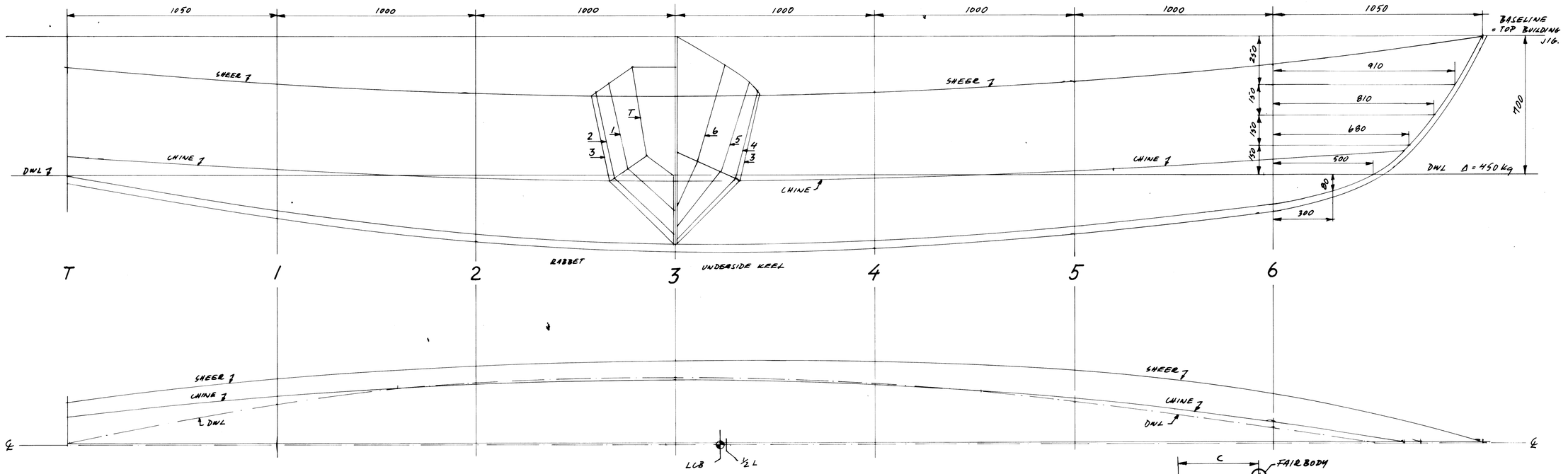


TABLE OF OFFSET - HULL

IN MILLIMETER TO INSIDE PLANKING

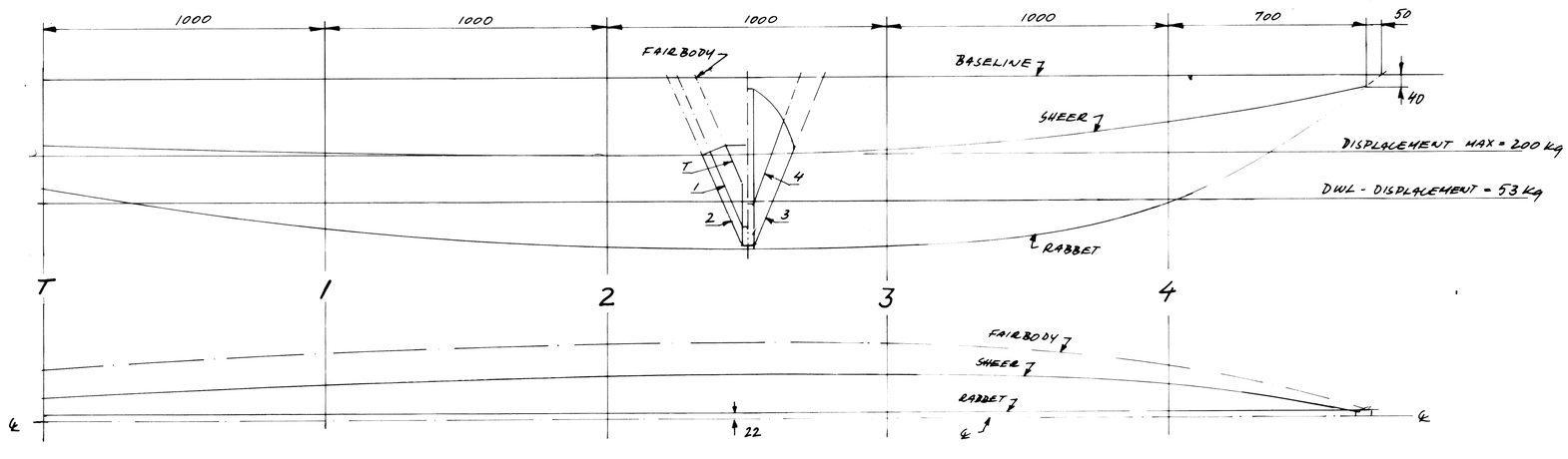
	T	1	2	3	4	5	6
HEIGHT ABOVE BASELINE - SHEER	155	237	284	295	280	230	190
〃 〃 CHINE	600	665	710	725	710	675	618
〃 〃 RABBET	700	875	992	1040	1021	951	845
HALF BREADTH FROM ℄ SHEER	215	330	395	420	415	368	248
〃 〃 CHINE	140	200	305	324	298	225	105
〃 〃 RABBET	10	10	10	10	10	10	10

TABLE OF OFFSET - OUTRIGGER

IN MILLIMETER TO INSIDE PLANKING

	T	1	2	3	4
HEIGHT BASELINE - SHEER A	230	260	270	250	160
〃 〃 RABBET, B	378	525	590	590	450
HALF BREADTH ℄ - FAIRBODY, C	180	240	270	270	185
〃 〃 RABBET, D	22	22	22	22	22

NOTE: OUTRIGGER IS THE SAME AS FOR KIR-4



OUTRIGGER

MAIN DIMENSIONS		HULL	OUTRIGGER
LENGTH OVER ALL	LOA	7.10 M	4,72 (15'6")
BEAM MOULDED	BMD	0.86 M	0.36 M
DEPTH MOULDED	DMD	0.74 M	0,36 M
CUBIC NUMBER, CWO = LOA × BMD × DMD		4.5 M^3	0,60 M^3
LENGTH DESIGNED WATERLINE DWL	L	6.6 M	4,08 M
BEAM DWL	B	0.69 M	0,20 M
DRAUGHT DWL	T	0.34 M	0.18 M
FREEBOARD MINIMUM DWL	F	0.40 M	0.18 M
DISPLACEMENT NO LOAD		180 kg	45 kg
SERVICE LOAD		270 kg	10 kg
DISPLACEMENT SERVICE DWL	Δ	450 kg	55 kg
COEFFICIENTS DWL:	L/B	9.6	20.4
	$\nabla/(0{,}1L)^3$	1.5	1.12
PRISMATIC		0.53	0.57
½ ANGLE OF ENTRANCE		8°	5°
$V/\sqrt{L}$ AT SERVICE SPEED = 6.0 KNOTS		1.29	1,64
ENGINE POWER OUTBOARD 2-4 HP			

REPLACED BY KIR-8A

FAO FIAT PANIS

7.10 M SINGLE OUTRIGGER CANOE

LINES

SCALE - 1:10	DESIGN NO.	DRWG. NO
DESIGN: Ø. Gundersen Norway, 444-1986	KIR-8	2