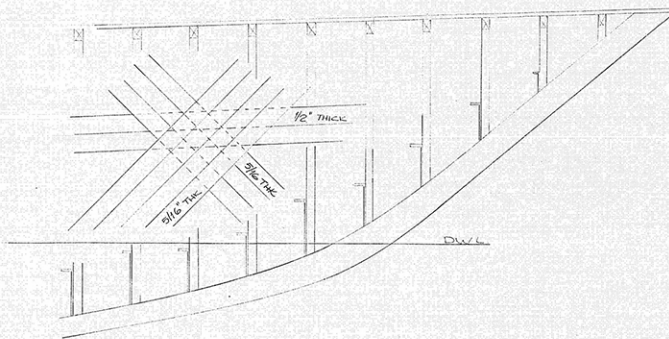
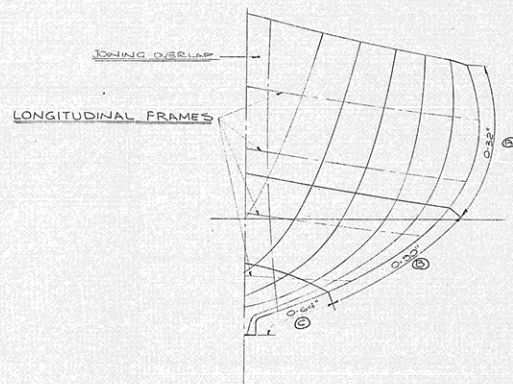


SHELL PLATING



HULL PLANKING



FIBREGLASS SKIN THICKNESS

FLOORS	FRAME 0-12 4MM & FRAME 13-24 6MM & FRAME 25-45 4MM &
FLANGES	FLOORS 12-24 30x8f OTHERS 25x4f
BULKHEADS	PLY OR HONEYCOMB 20M
FRAMES	1/2 50x10-5MM WEBFRAMES 125x4MM & FLANGE 55x5MM 4OST
DECK BEAMS:	1/4 45x30x5MM
DECK	4MM ALUMINIUM WITH 150x6MM MARGIN IS
VERT & PLATE	6MM EXCEPT AS NOTED

DESIGN 2149

36'-6" LWL AUXILIARY SLOOP

LOA 47'-0" BEAM 12'-5 1/2"
DWL 56'-3 1/2" DRAFT 7'-4 1/2"

HALF LOAD DISPL. LESS BALLAST 17,150 PDS.
BAL 17,500

S&S ALUMINIUM SCANTLING

34,700

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FRAMES	LAMINATED MAHOAGANY SPACED 15" C.T.O.C. ALL FRAMES 2 1/4 MOULDED x 2" SIDED IN WAY OF KEEL & MAST 2" S x 2 1/2" M.
FLOORS	STAINLESS STEEL FLOORS ON ALL FRAMES 3/32" PLATE & FLANGE. IN WAY OF KEEL USE 3/16" PLATE
BULKHEADS	MAIN STRUCTURE BHD. 1" PLYWOOD AT STNG OTHERS 3/4" PLYWOOD
DECK BEAMS	SPRUCE BEAMS SPACED 15" - 2 1/2" x 1 1/2"
DECK	1/2 TEAK OVER 3/8 PLYWOOD
KEEL	LAMINATED MAHOAGANY @ MOULDED
KNEES	ON EACH FRAME 15" x 15" PLY KNEE 3/8 THK
MASTSTEP	1/2" STAINLESS STEEL WELDED STRUCTURE

DESIGN 2137

37'-6" LWL AUXILIARY SLOOP

LOA 47'-0" DWL 34'-7"
MAX BEAM 12'-3 1/2" DRAFT 7'-7 3/8"

HALF LOAD DISPL. LESS BALLAST - 18,000 PDS.
BAL 17,500

S&S WOOD SCANTLING

35,500

LONGITUDINAL FRAMES	3/4" x 1 1/2" FOAM SPACING 18"
FLOORS	IN WAY OF KEEL 1" THICK SOLID GLASS (ALT. ROVINGS/MAT) SPACED 12"
BULKHEADS	STRUCTURAL BIRDS 1" AT STNG 3 1/2" x 6" OTHERS 3/4" PLYWOOD
DECK	0.37" GLASS WITH 3/4" AIREX CORE
KEEL AREA	1.05" GLASS ALT. ROVINGS/MAT
CHAIN PLATE AREA	EXTRA LAYUP FROM STNG 2 TO STNG 6 TO 0-45" IN WAY OF CHAIN PLATES IN AREA ②
TRANSOM	SAME LAYUP AS FOR AREA ③

DESIGN 2201

37'-4 1/2" LWL AUXILIARY SLOOP

LOA 47'-6" DWL 35'-0"
BEAM MAX. 14'-0" DRAFT 7'-5 1/2"

HALF LOAD DISPLACEMENT

LESS BALLAST 21,000 PDS.
BAL 15,000
36,500

S&S FIBREGLASS SCANTLING

DESIGN 2201
SCANTLING COMPARISON

OF A
36'-0" DWL AUX SLOOP
FOR

NAUTOR KY
NO SCALE

SPARKMAN & STEPHENS
79 MADISON AVE NY 10016

22 SEPT 74 SCOTT DWG 2201-10