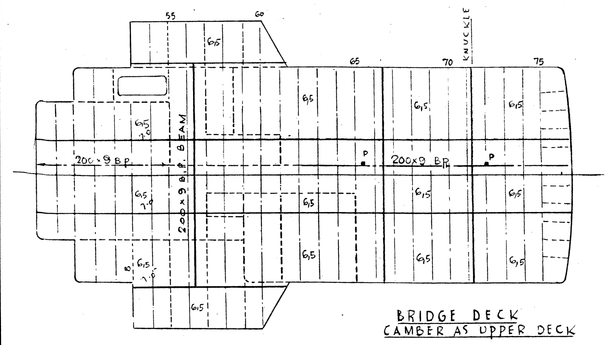
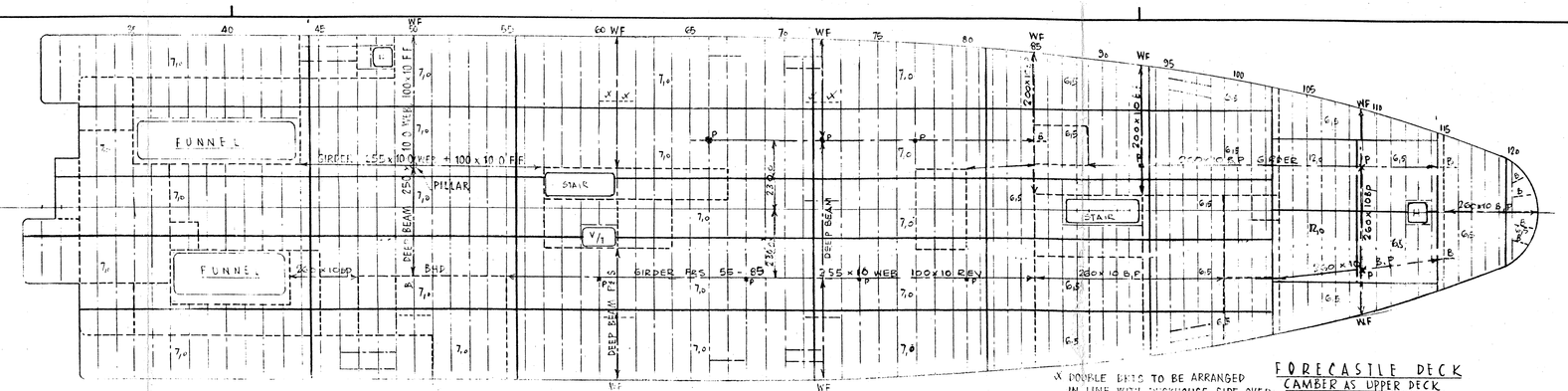


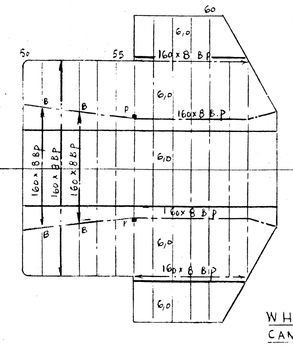
BRIDGE DECK
CAMBER AS UPPER DECK

BEAMS 80 x 60 x 8 I.O.A.



BEAMS 160 x 8 B.P THROUGHOUT.

FORECASTLE DECK
CAMBER AS UPPER DECK



WHEELHOUSE TOP
CAMBER AS UPPER DECK

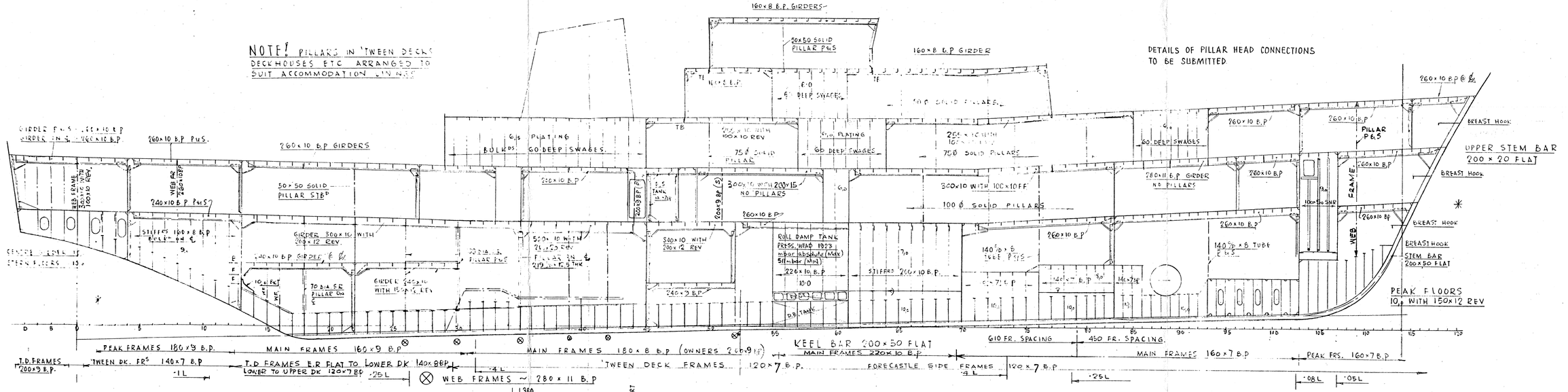
BEAMS 80 x 60 x 8 I.O.A

NOTES

1. F.B STIFFS TO BE ARRANGED AT DECK & DECK HEAD WHERE BULKHEAD CORNERS FALL BETWEEN BEAMS
2. SUITABLE PILLAR STIFFENERS TO BE ARRANGED UNDER ENDS OF DECK GIRDERS ~ PART 3, CH.3, SEC.3.3.3
3. LOCAL STIFFENING AND DOUBLING TO BE ARRANGED I.W.O DECK FITTINGS & MACHINERY ETC ~ TO SURVEYORS SATISFACTION

NOTE! PILLARS IN 'TWEEN DECK DECKHOUSES ETC ARRANGED TO SUIT ACCOMMODATION PLANS

DETAILS OF PILLAR HEAD CONNECTIONS TO BE SUBMITTED



UPPER STEM BAR 200 x 20 FLAT

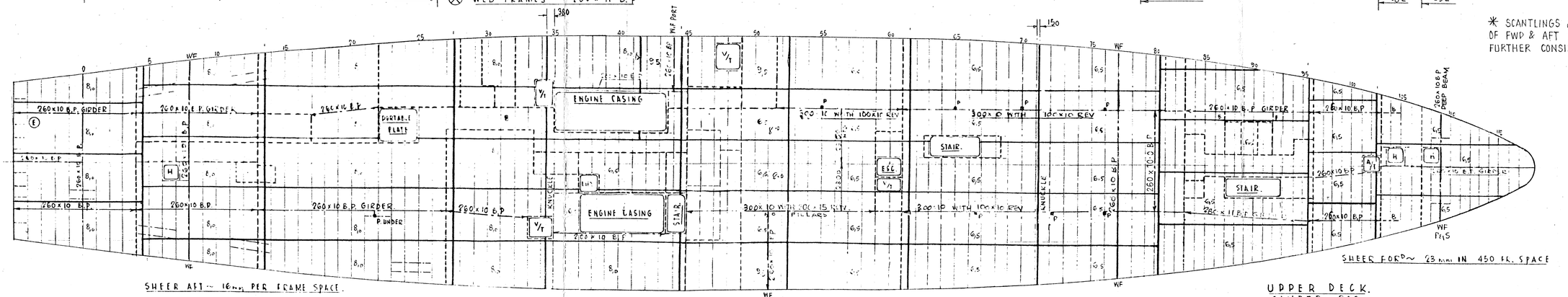
PEAK FLOORS 10.0 WITH 150x12 REV

PEAK FRAMES 160x9 B.P. MAIN FRAMES 160x9 B.P KEEL BAR 200x30 FLAT MAIN FRAMES 180x8 B.P (OWNERS 200x9) 610 FR. SPACING 450 FR. SPACING MAIN FRAMES 160x7 B.P PEAK FRS. 160x7 B.P

T.D FRAMES 200x9 B.P. 'TWEEN DK. FR^S 140x7 B.P T.D FRAMES E.R FLAT TO LOWER DK 160x8 B.P LOWER TO UPPER DK 120x7 B.P 'TWEEN DECK FRAMES 120x7 B.P. FORECASTLE SIDE FRAMES 100x7 B.P

WEB FRAMES ~ 280 x 11 B.P

* SCANTLINGS & ARRANGEMENTS OF FWD & AFT ENDS TO BE FURTHER CONSIDERED

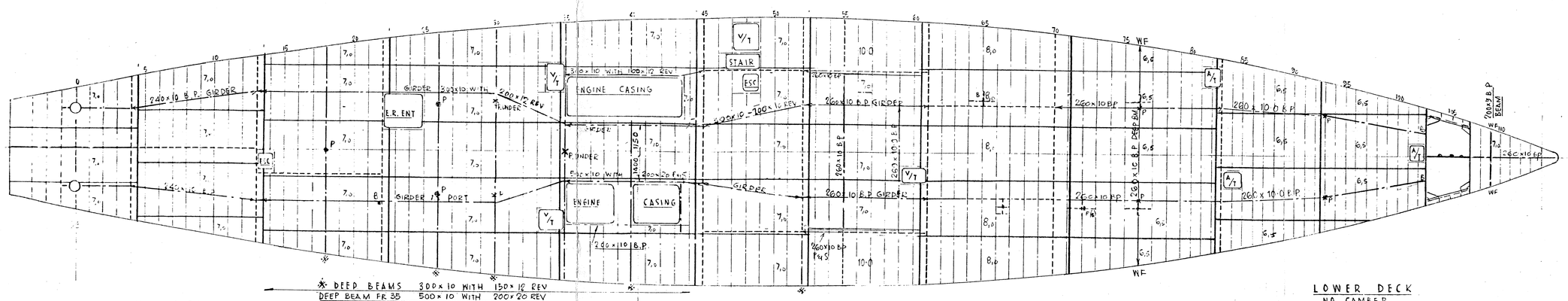


SHEER AFT ~ 16mm PER FRAME SPACE.

SHEER FOR^D ~ 23mm IN 450 FR. SPACE

UPPER DECK.
CAMBER ~ 200

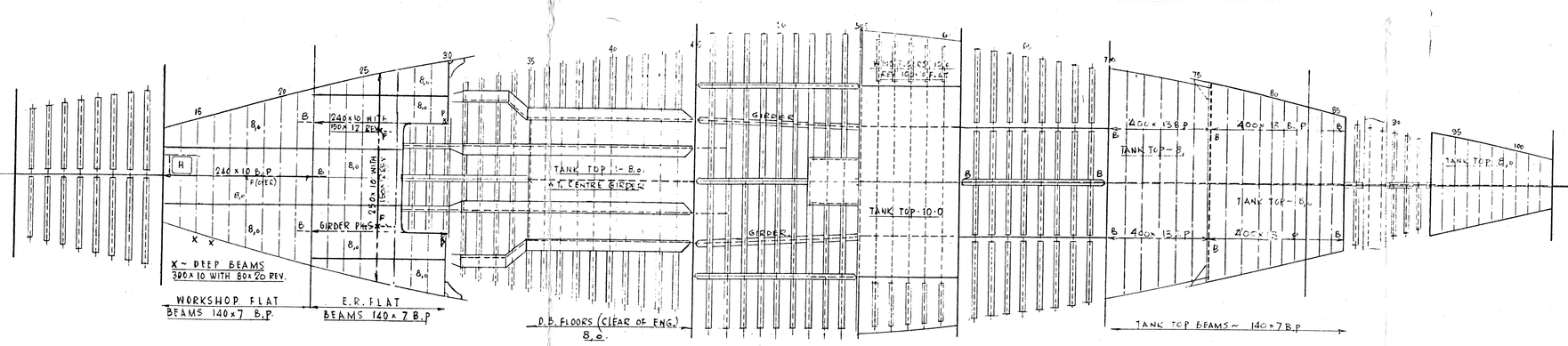
BEAMS 160 x 8 B.P. THROUGHOUT.



* DEEP BEAMS 300x10 WITH 150x12 REV
DEEP BEAM FR. 35 500x10 WITH 200x20 REV

LOWER DECK
NO CAMBER.

BEAMS 140x7 B.P BEAMS 160 x 8 B.P. 200x10 B.P BEAMS 160x8 B.P BEAMS



X ~ DEEP BEAMS 300x10 WITH 80x20 REV.

WORKSHOP FLAT BEAMS 140x7 B.P

E.R. FLAT BEAMS 140x7 B.P

D.B. FLOORS (CLEAR OF ENG) 8.0

TANK TOP BEAMS ~ 180x7 B.P

FLOORS 10.0 WITH 150x10 REV. FLATS. F.W. TANK F&S | FLOORS 10.0 WITH 150x10 REV. FLATS W.T. TUNNEL / VOID | SOLE PLATES ~ 460x40.0 GIRDER (ENGINE) ~ 19.0. C. GIRDER ~ 10.0 FLOORS ~ 11.0 WITH 180x12 REV ENGINE SEATING | FLOORS 11.0 WITH 180x12 REV D.B. FLOORS 8.0 G. GIRDER 10.0 ~ 240x25 REV C. GIRDER ~ 10.0 SIDE GIRDERS ~ 10.0 ~ 180x12 REV SIDE GIRDERS ~ 8.0 MACHINERY SPACE | FLOORS 10.0 150x12 REV. G. GIRDER ~ 10.0 ~ 240x25 REV | FLOORS ~ 10.0 150x12 REV C. GIRDER 10.0 O.T BUNKERS W. B TANKS F&S FOAM TANK BON. THRUST | FLOORS ~ 10.0 C. GIRDER ~ 10.0 W.B. TANK.

MIN. BALLAST DRAUGHT FOR^D TO BE NOT LESS THAN 0·045 L (2·880 M)

CLASSIFICATION

LLOYDS ✠ 100 A1, L.M.C. U.M.S "FISHERIES PROTECTION VESSEL".

DIMENSIONS.

LENGTH O.A (APPROX)	71.40 METRES.
LENGTH B.P.	64.00 METRES
BREADTH MLD	11.60 METRES
DEPTH MLD (TO UPPER DECK)	7.40 METRES
DEPTH MLD (TO LOWER DECK)	5.00 METRES
SCANTLING DRAFT	4.70 METRES
RISE OF KEEL B.P.	1.40 METRES
SHEER AFT (STRAIGHT LINE)	550 mm
SHEER FOR^D (STRAIGHT LINE)	1050 mm
CAMBER (MAIN & FORECASTLE DECKS)	200 mm
TUMBLEHOME (MAIN TO FOCSLE DECKS)	100 mm

EQUIPMENT.

NUMERAL = $\Delta^{2/3} + 2BH + A/10$

$= 1600^{2/3} + 2 \times 11.6 \times 10.45 + \frac{373}{10}$

$= 157 + 243 + 37.3$

$= 417.3$

LETTER = M

A = 64 × 3.2 = 205
= 46.75 × 2.25 = 104
= 17.5 × 2.5 = 44
= 8.0 × 2.5 = 20
A = 373

3 IN Nº STOCKLESS HIGH HOLDING ANCHORS EACH 968 kg (1210 kg)
385 METRES (440 METRES) 32 DIA. (36 DIA) GRADE U2 STUD LINK CHAIN CABLE
180 METRES TOWLINE MIN B.S 25.5 TONNE-f
3 IN Nº (4) MOORING LINES EACH 140 METRES MIN B.S 10.25 TONNE-f (10.0 TONNE-f)
ALL SIZES IN BRACKETS ARE OWNERS REQUIREMENTS

NOTE!
LLOYDS MINIMUM SCANTLINGS TO BE INDICATED.
SCANTLINGS IN BRACKETS ARE OWNERS REQUIREMENTS

APPROVED BY
Marine Engineering Superintendent
Department of Fisheries and Fisheries for Scotland
Date 29/9/86

Subject to Lloyds approval and all deck thickness being in accordance with specification ~~as shown in rest of frame 53 (forward of stiffen.) cover with specification~~ with midship section drawing sample with specification (frame 53) [dimensions shown in rest] and beam deckplings shown in rest] and beam deckplings on bridge deck being equivalent to those shown on same drawing 29/9/86

ISSUE	REMARKS	DATE
	MODIFICATIONS	
	SUBMISSIONS	

	SUBMITTED	APPROVED
LLOYDS		
LLOYDS	25-7-86	19-8-86

TITLE
PROFILE & DECKS.

YARD No.
575

RICHARDS (SHIPBUILDERS) LTD
CROWN WORKS,
LOWESTOFT, SUFFOLK.
TEL. No. 0502-3251

SCALES
1:100

DRAWING No.
575-H-01.

DRAWN	CHECKED	APPROVED
[illegible]		[illegible] 17/7/86

PRINT No. | DATE

©WNERS 25 SEP 1986

HARPER AND TONSTALL LIMITED POS 7238