

GALV. F.S.W.R. 22 DIA.  
6/36 CONSTRUCTION  
28,700 Kg. f. BREAKING STRAIN  
SUPPLIED IN 2 LENGTHS  
PER SET BY WELIN  
ONE 80 M. LONG,  
ONE 70.25 M. LONG.  
USE LUBRICANT. CODE 'C'

POWER OPERATED SCREW  
LUFFING GEAR.  
PROVIDED WITH EMERGENCY  
HAND OPERATION.

BOAT WINCH.  
POWER HOIST AT 20 FT/MIN. APPROX  
GRAVITY LOWER AT  
60/120 FT/MIN  
EMERGENCY HAND OPERATION  
PROVIDED.

VIEW LOOKING OUTBOARD  
(FALL TENSIONING WINCHES & DECK  
BLOCKS OMITTED)

10.365 M. C/ALL.  
8.23 M. HOOK CENTRES

3 TON. S.W.L. LINKAGE FOR  
ATTACHING TO BOAT HOOKS.

34 FT SURVEY LAUNCH  
D.O.E. DRG N° 58197-272  
SCHEME 2.

LUFFING SCREW MOTOR.  
4 HP. 1160 RPM.  
440V, 3PH. 60CY.  
TIME TO LUFF FROM STOWED  
POSITION TO MAX OUTREACH  
= 5 MINS.

LIFT OF LAUNCHES DUE TO INCREASE  
IN DISTANCE BETWEEN SHEAVES  
X & Y WHEN TRAVELLING FROM INBOARD  
TO A 10° LIST AT MAX OUTREACH  
= 0.47 M. APPROX.

HOIST LIMIT SWITCHES ARE SET  
SO THAT AFTER LUFFING INBOARD  
FROM MAX OUTREACH, LAUNCH  
WILL BE 0.6 M. ABOVE ITS STOWED  
POSITION, UNLESS HEIGHT IS  
ADJUSTED WITH WINCH.

POSITION OF  
ARMS WHEN  
STOWING AT 3°  
LIST

Ø 30 LK.

GEAR BOXES  
LUBRICANT CODE 'D'

VIEW ON A-A.

VIEW ON B-B.

GEAR BOX.  
LUBRICANT CODE 'D'.

GEAR BOX  
LUBRICANT CODE 'E'

FALL TENSIONING  
WINCH

INDICATES GREASE POINT. USE LUBRICANT CODE 'A'.

\* HIGH TENSILE. H.D. BOLTS ARE REQUIRED FOR  
THESE MEMBERS TO WITHSTAND HORIZONTAL  
SHOCK LOADING WHICH CAN BE IMPOSED ON  
DAVITS WHEN IN STOWED POSITION.  
SEE DRG N° 17578.

APPROX. Ø OF BOAT WHEN LOWERING  
AT 5° ADVERSE LIST AT MAX OUTREACH.

GEAR BOX  
LUBRICANT CODE 'E'

FALL TENSIONING  
WINCH  
POWER HOIST LIGHT BOAT  
BLOCK AT 136 FT/MIN.

THE WELIN DAVIT & ENGINEERING CO. LTD.  
DUDLEY ROAD, BRIERLEY HILL, STAFFS. DY5 1HR.

BURRARD DRY DOCK CO. LTD.  
HULL N°S 221 & 222  
R CLASS ICE BREAKERS

TITLE SPECIAL LUM TYPE DAVITS FOR HANDLING  
34 FT SURVEY LAUNCH & 30 FT SP. BARGE.  
ARRANGEMENT DRAWN FOR PORT SIDE.

DRAWING No.  
17485/A SHT. 2 OF 2.

MY 42285R