

## PRINCIPAL DIMENSIONS

LENGTH O.A. 322'-7 1/4"  
LENGTH ON SCANT. DRAFT 308'-2 1/4"  
LENGTH BETWEEN PERPS. 288'-10"  
BEAM (MLD.) MAIN DECK 64'-0"  
DEPTH (MLD) UPPER DECK 35'-6"  
DRAUGHT SCANTLING 23'-9"  
Cb AT SCANTLING DRAUGHT 0.638  
MLD. DISPLACEMENT S.W. AT DRAFT 23'-6"  
8090 TON RULE L := 0.96 X 308.187 295.86

CLASSIFICATION -  
LLOYDS ✱ AI "ICEBREAKER"  
IN ADDITION TO MEET THE REQUIREMENTS  
OF ARCTIC SHIPPING POLLUTION PREVENTION  
REGULATIONS FOR ARCTIC CLASS 3 VESSEL  
DEEPEST OPERATING DRAFT IN ARCTIC ZONES 22'-3" MLD.

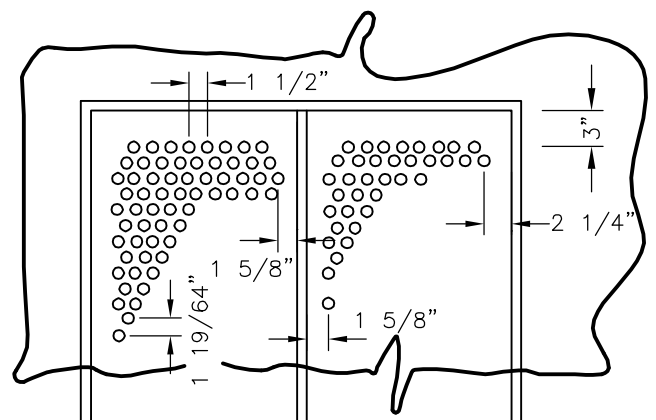
NOTE -  
ALL PLATES BELOW MAIN DECK - GD. "E"  
ALL PLATES MAIN - UPPER DECKS - GD. "D"

PLATE THICKNESSES BASED ON "ARCTIC SHIPPING POLLUTION  
PREVENTION REGULATIONS" WITH RESTRICTED MAX. ARCTIC  
OPERATING DRAFT OF 22' 3" MLD. (SEE LLOYDS SPECIAL NOTATION).

ALL SHELL SEAMS & BUTTS FROM 3'-0" ABAFT THE  
ECHO SOUNDER TRANSDUCER TO THE STEM, AND FROM  
THE KEEL TO THE LWL SHALL BE GROUND FLUSH ON  
THE EXTERIOR.

ALL SHELL THICKNESS MARKED HEREON TO BE FINISHED  
THICKNESSES := 10% ADDITIONAL THK. ALLOWANCE TO BE  
MADE ON ALL PLATING REQUIRING EXTENSIVE WORKING.

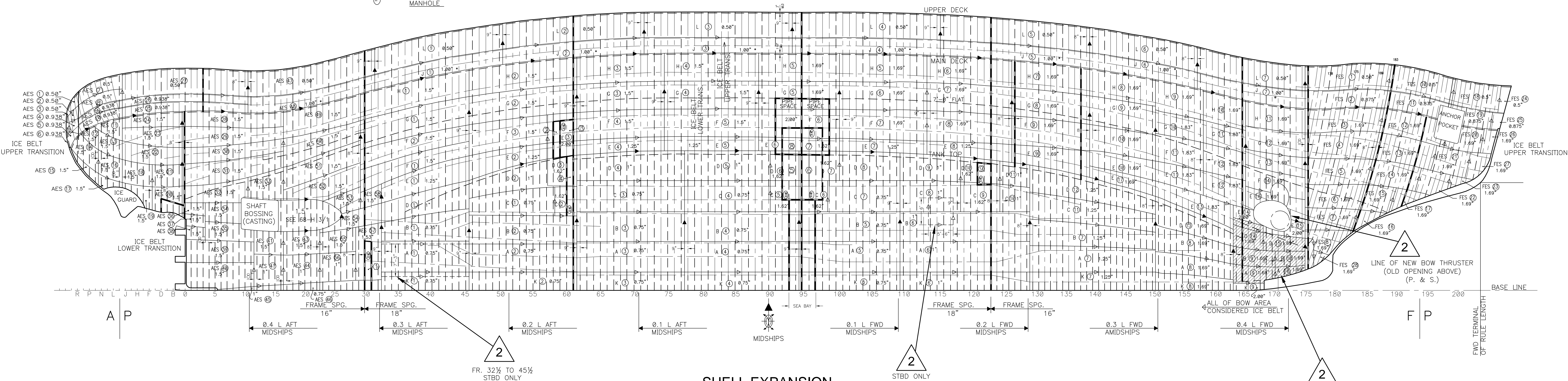
OPEN AREA OF HOLES TO BE APPROX. 5 TIMES  
THE AREA OF ALL PUMP SECTIONS BEING SERVED.  
ALL BURRS TO BE REMOVED FROM INNER EDGES  
AND THE OUTSIDE TO BE LIGHTLY COUNTERSUNK.



SEA BOX HOLES

NO	SEA BOX	POSITION	NO OF HOLE PER BOX
1	LOW SEA BOX . SPRINKLER PUMP	STBD 30-31	679
2	HIGH SEA BOX . SUB BILGE FIRE PMP	STBD 58-59	391
3	HIGH SEA BOX . PROP MOTOR ROOM	STBD 59-61	675
4	LOW SEA BOX . PROP MOTOR ROOM	P & S 60-61	1152
5	LOW SEA BOX . AFT ENGINE ROOM	P & S 92-95	2285
6	LOW SEA BOX . FORD ENGINE ROOM	P & S 95-98	2074
7	HIGH SEA BOX . FORD ENGINE ROOM	STBD 95-98	1194
8	HIGH SEA BOX . AFT ENGINE ROOM	PORT 92-95	1143
9	EVAPORATOR SEA INLET BOX	PORT 121-123	546

H INDICATES PERFORATED  
MANHOLE



## SHELL EXPANSION

STBD SIDE DRAWN - PORT SIDE SIMILAR

PERFORATED PLATES REMOVED (P. & S.)

SECTION DE TÔLES REMPLACÉES ET INSTALLATION D'UN NOUVEAU PROPULSEUR D'ÉTRAVE	D.C.	2004/10
REVISION GÉNÉRALE	I.T.G.	1996/08

Révision	Description	Par/By	Date
A	A: Numéro du détail Détail no.		
B	B: Feuille sur laquelle le détail est révisé Location drawing no.		
C	C: Feuille sur laquelle le détail est dessiné Drawing no.		

Toute modification doit être reportée à:  
At modification must be reported to:

Garde côtière, région du Québec  
Direction des Services techniques  
Systèmes électroniques et informatiques  
Informations Techniques  
et Graphiques

Dossier:  
Des  
**DES GROSEILLIERS**  
PORT WELLER DRY DOCK  
BRISE-GLACE TYPE 1200

Dessin:  
Drawing  
**SHELL EXPANSION**

Conçu par:  
Designed by:  
PORT WELLER

Dessiné par:  
Drawn by:

Vérifié par:  
Checked by:

Approuvé par:  
Approved by:

No. dossier:  
File no.:  
**HULL 68**

No. dessin:  
Drawing no.:  
**68-H-3**

01/01