



PORT AND STARBOARD  
BILGE BLOCKS OPERATE  
FROM THIS SIDE (PORT)

PORT SIDE

ASYMMETRICAL OPTION

40' MAIN LONG BEAM

WALL LOCATIONS  
VERIFY IN FIELD

OPTION 2

UPRIGHT ONE SIDE USE WALL TO HAUL VESSEL IN  
BILGE BLOCKS MOVED BY PORT PLACED BILGE BLOCK WINCHES  
EXCENTRIC CRADLE (FAVORING PORT)  
TYPICAL SECTION LOOKING INSHORE

PORT SIDE

SYMMETRICAL OPTION

38' MAIN LONG BEAM

OPTION 1 AS DRAIN  
TRADITIONAL UPRIGHTS BOTH SIDES  
TYPICAL SECTION LOOKING INSHORE

NEW STEEL TRANSVERSE BEAM  
ON EXISTING TIMBER RUNNER

PORT SIDE

3'-1 3/4"

18'-10 5/8"

ASYMMETRICAL OPTION

40' MAIN LONG BEAM

PORT SIDE

OPTION 2  
ECCENTRIC CRADLE WITH BILGE BLOCKS OPERATIONAL  
FROM THE PORT (ONLY UPRIGHT SIDE)

OPTION 3

UPRIGHT BRACE ON PORT SIDE  
EXCENTRIC CRADLE (FAVORING PORT)  
TYPICAL SECTION LOOKING INSHORE

40' (+) MAIN LONG BEAM  
ASYMMETRICAL OPTION

ISSUED

CRANDALL  
BY JACK CRANDALL, INC.

SUBJECT TO APPROVAL

OPTIONS

GALVANIZED TRANSVERSE BEAMS  
USING EXISTING WOOD RUNNERS  
BERMUDA MARINE & PORTS SERVICES  
HAMILTON BERMUDA

MAY 2007

REVISIONS

A  
B  
C

These weights and specifications  
are not to govern the general  
nature of the design or construction  
of these beams or runners, but  
are intended to provide a  
basis for comparison.

SCALE 3/8" = 1'-0"



CRANDALL DRY DOCK ENGINEERS, Inc.  
CHELSEA, MASSACHUSETTS  
U. S. A.

Drawn  
Checked  
Approved  
PROJECT NO. 54402-4