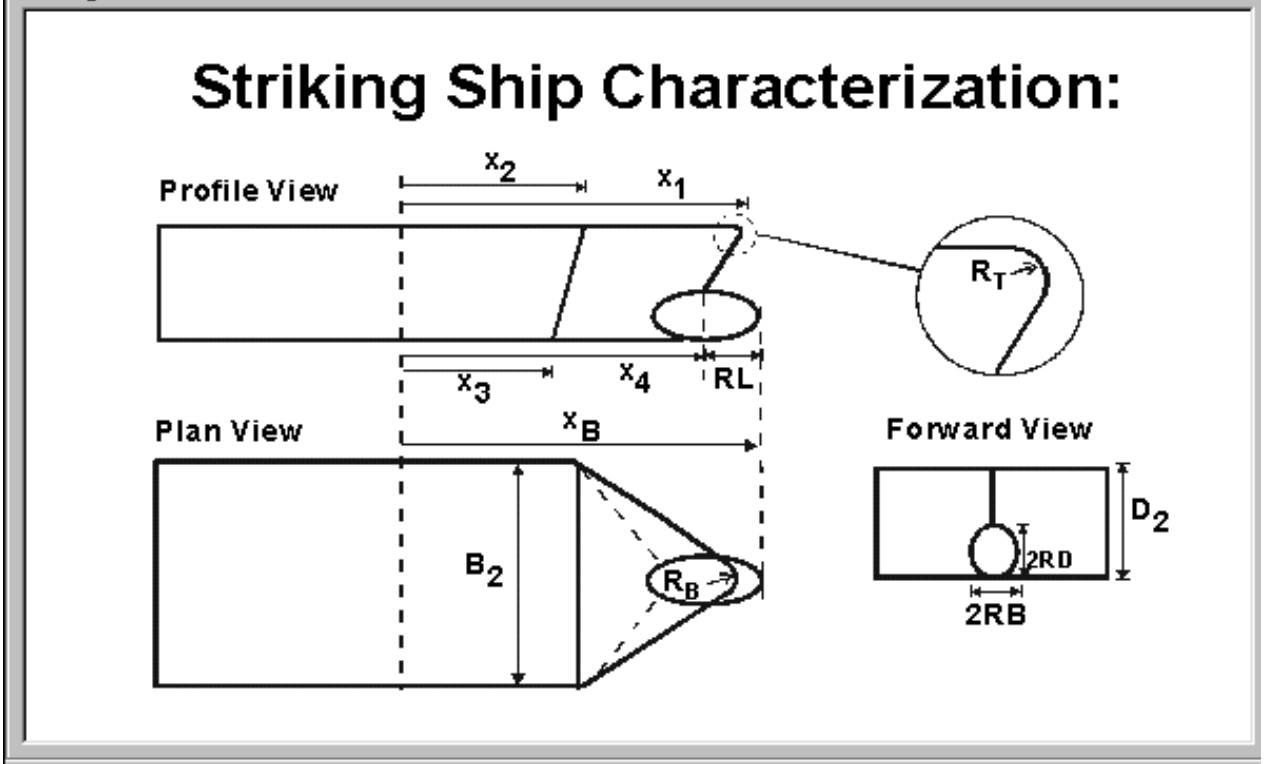
Striking Ship -150 dwt Bulk Carrier

Striking Bow



Bow Data

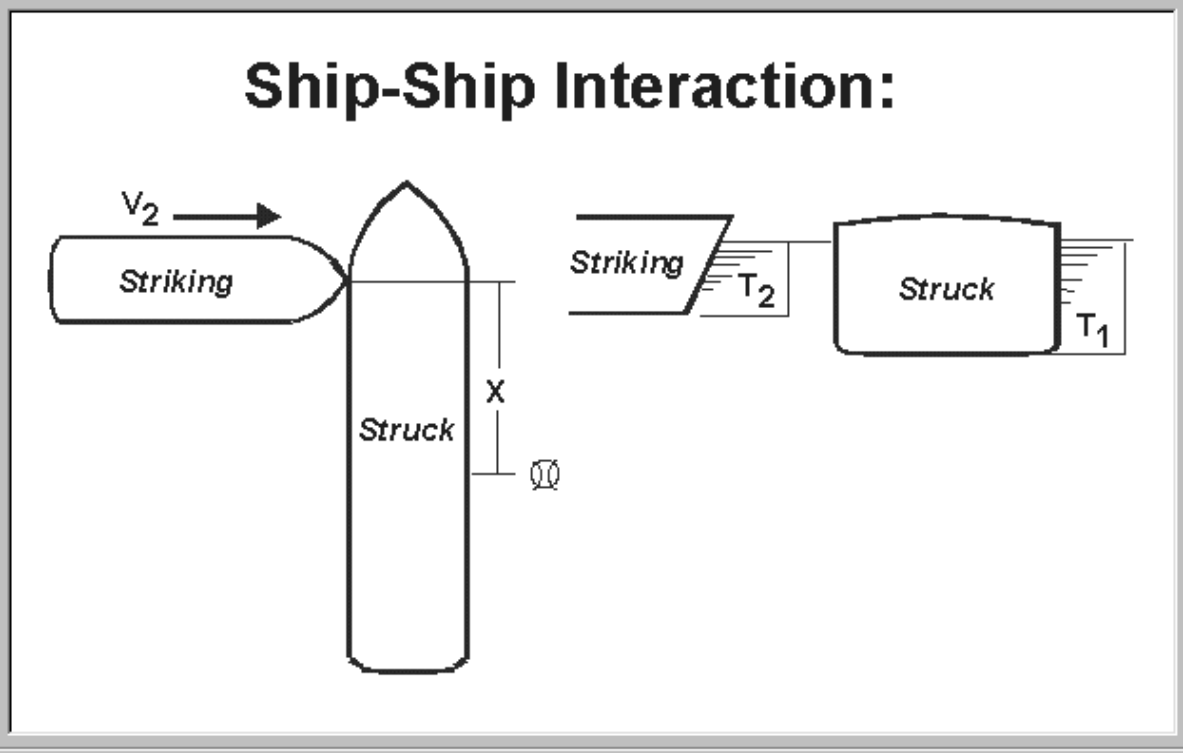
Parameter Name	Value
1.Distance from midship to bulb tip XB [m]	144
2.Distance from midship at deck X1 [m]	145
3.Distance from midship at deck X2 [m]	125
4.Distance from midship at bottom X3 [m]	115
5.Distance from midship at bottom X4 [m]	135
6.Radius, RT [m]	1

Parameter Name	Value
7.Radius of stem edge, RB [m]	0.5
8.Half axis, RL [m]	8
9.Principal axis of bulb, 2RB [m]	10
10.Principal axis of bulb, 2RD [m]	12
11.Breadth, B2, of the striking ship [m]	47
12.Depth, D2, of the striking ship [m]	26

Parameter Name	Value
9.Principal axis of bulb, 2RB [m]	10
10.Principal axis of bulb, 2RD [m]	12
11.Breadth, B2, of the striking ship [m]	47
12.Depth, D2, of the striking ship [m]	26
13.Displacement of the striking ship [tonnes]	174850
14.Length (LBP) of the striking ship [m]	274

Scenario with Struck Ship - 150 dwt DH Tanker

Scenario



Collision Data

Parameter Name	Value
Velocity of striking ship, V2 [knots]	7
Longitudinal position of the point of impact on the struck ship X [m]	0
Draft of the struck ship at the point of impact, T1 [m]	16.8
Draft of the striking ship at the bow, T2 [m]	15.96