(1) The three queries that I use are:

SELECT * FROM Boats B, Boats SB WHERE B.D = SB.F AND B.E <= 3000 AND SB.E >= 7500 AND SB.D > 2000 ORDER BY B.F;

SELECT * FROM Sailors, Boats WHERE Sailors.B = Boats.F AND Sailors.A > 9000 AND Boats.E < 1000 AND Boats.D != 1200 ORDER BY Sailors.C;

SELECT * FROM Sailors, Boats WHERE Sailors.B = Boats.F AND Sailors.A > 1000 AND Boats.E < 4500 AND Boats.D != 1200 ORDER BY Sailors.C;

(2) The scheme of these tables are:
Boats D E F
Sailors A B C
Both of the table has 10000 tuples in it.
For all of the attributes in these two tables, they have a range between 0 to 10000.

(3) The indexes for these two tables are:
Boats E unclustered
Sailors A clustered

(4) This is the bar graph for the time cost of the three queries.