Fleat in a fenced octopus

Connect some dots with one single line in such way that you get the shape of octopus which takes 4 squares in every row and every column. Numbers inside the grid represent ALL fields which have same numbers of fence that suround them and the neighbouring fields in which octopus is (including numbered field). Body of octopus never takes 2 x 2 area. After that, put standard fleat in the octopus, in such way that ships don't touch each other not even diagonaly, if the numbers outside the grid represent total of ship segments in belonging direction. Ships can take fields with number, too.