A good strategy to run away? You are the captain of a US Coast Guard speedboat, patrolling the Pacific coast on a foggy day. All of a sudden, the fog lifts and you observe what is obviously a smuggling boat a distance $d$ away. Unfortunately, the fog instantly descends and the visibility again becomes zero. Here are the assumptions you may make. First, the speed of the smuggling boat is known to be 1 (in appropriate units) and the speed of your boat is $v > 1$. Second, the smuggling boat will move in a straight line in an unknown direction from where it was spotted. Can you move your boat on a curve guaranteed to catch the smugglers? (You may suppose that the boats are points and that for the smugglers to be caught the two boats have to be at the same point at the same time.)