Problem 1
Earl G. Williams Problem 6.16

Problem 2
Repeat Problem 1 for rigid sphere

Problem 3
Sketch the polar plot of the target strength using low frequency approximation for problems 1 and 2 with the following parameters:

Sound speed : 1500 m/s
Sphere radius : 1 m
Frequency : 25 Hz

Problem 4
Earl G. Williams Problem 4.1