Otter Bot Mission Plan

Title: _____

Mission Planner(s): _____   Date: _____

Scale: 1:10 ; 1 mm = 1 cm

Goals, Objective(s):

_____

_____

Results, Feedback:

_____

_____
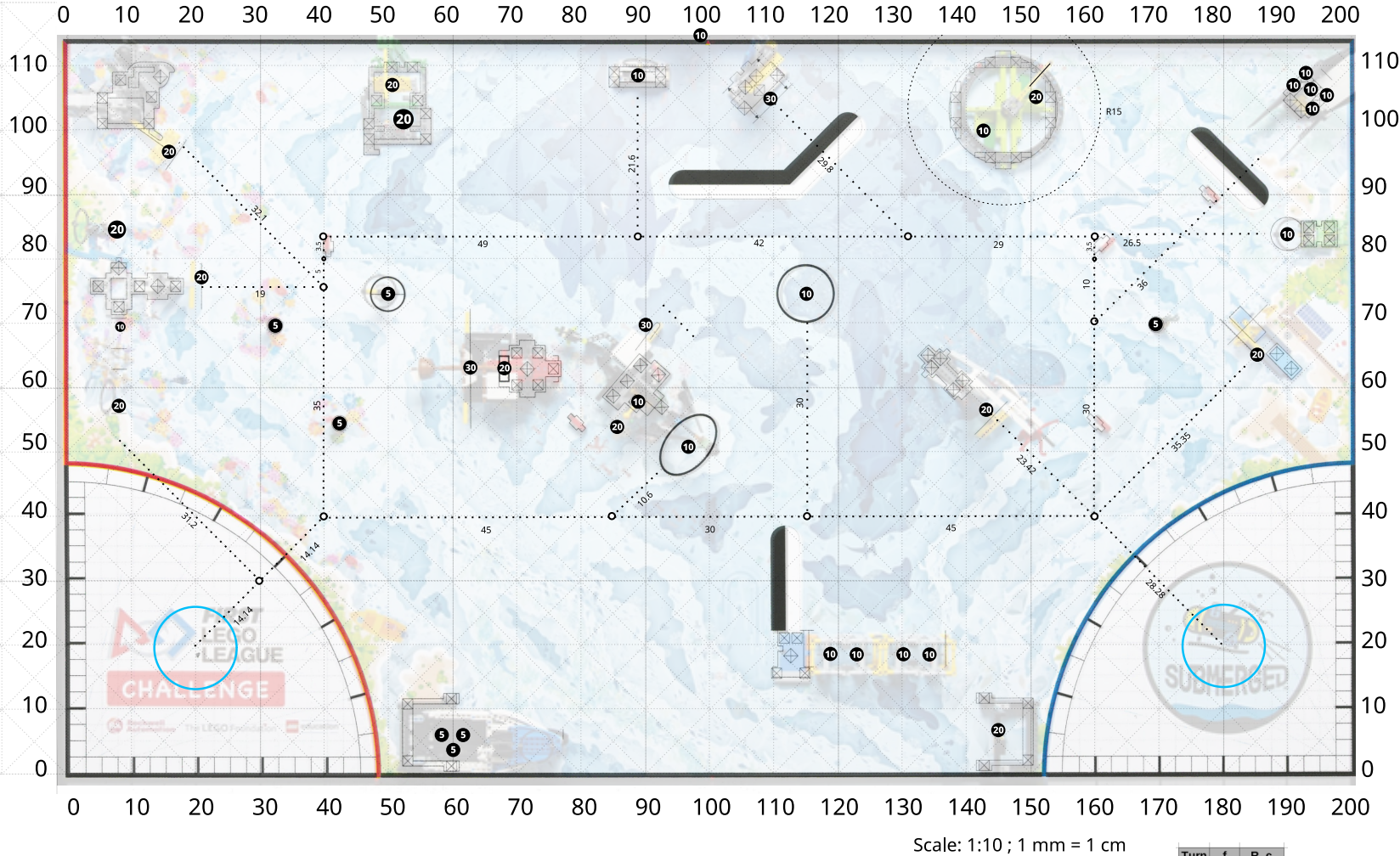
Point Goal: _____

Estimated Time: _____

	1	2	3
Trial Time:	_____	_____	_____
Trial Points:	_____	_____	_____

Turn	f	R_c
		R_bot
100	-1	0.0
75	-0.5	0.3
50	0	1.0
40	0.2	1.5
30	0.4	2.3
25	0.5	3.0
20	0.6	4.0
17	0.66	4.9
15	0.7	5.7
14	0.72	6.1
13	0.74	6.7
12	0.76	7.3
11	0.78	8.1
10	0.8	9.0
9	0.82	10.1
8	0.84	11.5
7	0.86	13.3
6	0.88	15.7
3	0.94	32.3
2	0.96	49.0
1	0.98	99.0
0	1	∞

14.14 cm

10 cm

10 cm
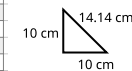
Wheel Dia.: 5.56 cm
Wheel Circ.: 17.5 cm
$\pi = 3.1416$
$2\pi r = \pi D = 360°$

+ move

− r   + rotate

− move

R_{Bot}: _____

R2024-12-17