Cooling	Oskar Reichelt			5/9/2022			
		3h Cooling Loop					2h Cooling Loop
ring	#	insert facing	distance [mm]		ring	#	insert f

g #	3h Cooling Loop insert facing	distance [mm]	ring	2h Cooling Loop insert facing	distance [mm]	ring #	1h Cooling Loop insert facing	distance [n
g #	1 down	72.9	ring	1 down	distance (mm)	ring #	1 down	distance (n
	2 up	12.3		2 up	12.3		2 up	12
	3 up	78.4		3 up	78.4		3 up	78
					12.3			
	4 down	12.3		4 down			4 down	12 78
	5 down	78.4		5 down	78.4		5 down	
15.3	6 up	12.3	15.3	6 up	12.3	15.3	6 up	12
4	7 up	78.4	4	7 up	78.4	4	7 up	78
	8 down	12.3		8 down	12.3		8 down	12
	9 down	78.4		9 down	78.4		9 down	78
	10 up	12.3		10 up	12.3		10 up	12
	11 up	78.4		11 up	78.4		11 up	78
	12 down	12.3		12 down	12.3		12 down	12
	13 down	91.4		13 down	91.4		13 up	163
	14 up	16.15		14 up	16.15		14 down	16.
0	15 down	157.8		15 down	157.8	ο.	15 up	157
15.2	16 up	16.15	15.2	16 up	16.15	15.2	16 down	16.
	17 down	157.8		17 down	157.8		17 up	157
	18 up	16.15		18 up	16.15		18 down	16.
	19 down	171.3		19 down	171.3	-	19 down	9
		1/1.3						
	20 up			20 up	20		20 up	
	21 up	63		21 up	63		21 up	
	22 down	20		22 down	20		22 down	
	23 down	63		23 down	63		23 down	
15.1	24 up	20	15.1	24 up	20	15.1	24 up	
#1	25 up	63	12	25 up	63	12	25 up	
	26 down	20		26 down	20		26 down	
	27 down	63		27 down	63		27 down	
	28 up	20		28 up	20		28 up	
	29 up	63		29 up	63		29 up	
	30 down	20		30 down	20		30 down	
	30 down 31 up	128.5		30 down 31 down	129.2		31 down	12
	31 up 32 down	126.5		31 down 32 up	129.2		31 down 32 up	12
	33 down	77.8		33 up	77.8		33 up	77
	34 up	12.6		34 down	12.6		34 down	1
13.3	35 up	77.8	13.3	35 down	77.8	13.3	35 down	7
ä	36 down	12.6	ä	36 up	12.6	₩	36 up	1
	37 down	77.8		37 up	77.8		37 up	77
	38 up	12.6		38 down	12.6		38 down	12
	39 up	77.8		39 down	77.8		39 down	77
	40 down	12.6		40 up	12.6		40 up	12
	41 up	161.9		41 up	91.4		41 down	16:
~	42 down	17.2		42 down	17.2	ο.	42 up	17
13.2	43 up	154.9		43 up	154.9	13.2	43 down	154
	44 down	17.2	13.2	44 down	17.2		44 up	13
	45 up	17.2		45 up	154.9		45 down	1
	45 dp 46 down	21.7		45 dp 46 down	17.2			2:
							46 up	
	47 down	59.6		47 down	91.4		47 up	55
	48 up	21.7		48 up	21.7		48 down	2:
13.1	49 up	59.6		49 up	59.6	13.1	49 down	59
¥	50 down	21.7		50 down	21.7	Ħ	50 up	2
	51 down	59.6	13.1	51 down	59.6		51 up	5
	52 up	21.7	5	52 up	21.7		52 down	2
	53 up	59.6		53 up	59.6		53 down	5
	54 down	21.7		54 down	21.7		54 up	2
	55 down	135.6		55 down	59.6		55 down	13
	56 up	13.6		56 up	21.7		56 up	13
	50 up 57 up	75.9		50 up 57 down	134.2		50 up 57 up	7:
_					134.2			
11.3	58 down	13.6		58 up		11.3	58 down	1:
-	59 down	75.9		59 up	75.9	4	59 down	7:
	60 up	13.6	11.3	60 down	13.6		60 up	1
	61 up	75.9	∺	61 down	75.9		61 up	7:
	62 down	13.6		62 up	13.6		62 down	1
	63 down	91.4		63 up	75.9		63 up	15
6	64 up	19.2		64 down	13.6	ci	64 down	1
11.2	65 down	149		65 down	91.4	11.2	65 up	1
	66 up	19.2	7	66 up	19.2		66 down	1
	67 down	170.2	11.2	67 down	149		67 down	9
	68 up	24.8		68 up	19.2		68 up	2-
	69 up	53.4	-	69 down	170.2		69 up	5:
_		24.8			24.8			2-
11.1	70 down			70 up		11.1	70 down	
**1	71 down	53.4		71 up	53.4	4	71 down	5:
	72 up	24.8	11.1	72 down	24.8		72 up	2-
	73 up	53.4	∺	73 down	53.4		73 up	53
	74 down	24.8		74 up	24.8		74 down	2-
	75 up	1925.2		75 up	53.4	11.1	75 down	191
	76 up	46.5		76 down	24.8	11.3	76 down	9:
	77 up	46.5		. ==	2683.4	13.1	77 up	
	78 up	88		sum	6806.15	13.2	78 up	4
	79 up	46.5		aum	5555.13	13.3	79 up	4
	80 up	46.5				15.1	80 down	83
		83.2				15.3	81 down	
	81 up							
	82 up	46.5						42
	81 up 82 up 83 up						sum	6482.

entire length CAD: 6520.7 6810 6488.5