

Constant

3.225806

Dimension	Pixels	Length (mm)	Length (m)
Antena Height - bottom part	17	54.83870968	0.0548387
Antena Height - middle part	54	174.1935484	0.1741935
Antena Height - top part	10	32.25806452	0.0322581
Antena Width - bottom and middle parts	21	67.74193548	0.0677419
Antena Width - top part	24	77.41935484	0.0774194
Antena Thickness - bottom part	18	58.06451613	0.0580645
Antena Thickness - middle part	8	25.80645161	0.0258065
Antena Thickness - top part	13	41.93548387	0.0419355
USBL - Height	17	54.83870968	0.0548387
USBL - Radius	9	29.03225806	0.0290323
QQ - Height	11	35.48387097	0.0354839
QQ - Radius	9	29.03225806	0.0290323
Thruster Fin - Length	50	161.2903226	0.1612903
Thruster Fin - Thickness	6	19.35483871	0.0193548
Thruster Fin - Width	8	25.80645161	0.0258065
Thruster - Length	62	200	0.2
Thruster - Radius	11	35.48387097	0.0354839
Thruster back part - Length	16	51.61290323	0.0516129
Thruster back part - Radius	17	54.83870968	0.0548387
Thruster back part - Thickness	3.5	11.29032258	0.0112903

33	106.4516129	0.1064516
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Aproximations

Dimension	Pixels	Length (mm)	Length (m)
Antena - Height	81	261	0.261
Antena - Width	21.3703704	69	0.069
Antena - Thickness	10.7160494	35	0.035
USBL - Height	17	55	0.055
USBL - Radius	9	29	0.029
QQ - Height	11	35.5	0.0355
QQ - Radius	9	29	0.029
Thruster - Length	75	241	0.241
Thruster - Radius	14	45	0.045
Thruster - Width	33	106	0.106

Body	x (m)	y (m)	z (m)
Submarine body	0.0548	0	0
USBL	0.44	0	-0.14
QQ	0.7032	0	-0.13
Antenna	-0.3903	0	-0.245
Right thruster	-0.49	0.162	0
Left thruster	-0.49	-0.162	0