

Table 1: Dimentionement géométrique de la littérature

Géométrie	SAILDRONE	ADA	SAILBUOY	OPENTRANSAT	IBoAT
l_{boat} [m]	7.0	5.5	2.0	2.0	2.31
S_{sail} [m ²]	5.94	5.03	0.3	0.37	0.63
S_{drift} [m ²]	1.52	0.73	0.45	0.27	0.13
S_{rudder} [m ²]	0.119	0.084	0.032	0.026	0.016
$S_{p.rudder}$ [m ²]	0.316	0.241	-	-	-
h_{sail} [m]	4.69	3.83	0.99	1.29	1.62
l_{sail} [m]	1.01	-	0.4	0.33	0.4
h_{drift} [m]	1.54	1.54	0.46	0.89	0.99
$\frac{S_{drift}}{S_{sail}}$ [%]	25.6	14.6	149.7	71.4	21.1
$\frac{S_{rudder}}{S_{sail}}$ [%]	2.0	1.7	10.8	7.0	2.6
$\frac{S_{p.rudder}}{S_{sail}}$ [%]	5.3	4.8	-	-	-
$a.r.sail$ [%]	21.5	-	40.8	25.9	24.8