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## **LAMPIRAN**

Lampiran 1 Tabel Kecepatan Pengujian

Model Kapal 1 Stepped

Pengujian	Jarak (m)	Waktu (s)	Kecepatan (m/s)
1	10	3.93	2.5445
2	10	3.41	2.9326
3	10	2.7	3.7037
4	10	3.78	2.6455
5	10	4.77	2.0964
6	10	2.58	3.8760
7	10	3.03	3.3003
8	10	2.87	3.4843

Model Kapal 2 Stepped

Pengujian	Jarak (m)	Waktu (s)	Kecepatan (m/s)
1	10	2.55	3.9216
2	10	3.44	2.9070
3	10	3.69	2.7100
4	10	3.98	2.5126
5	10	3.16	3.1646
6	10	2.8	3.5714
7	10	4.61	2.1692
8	10	4.12	2.4272

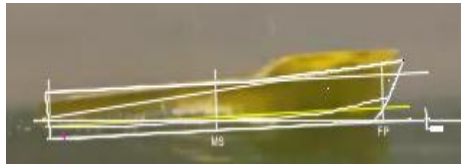
Model Kapal 3 Stepped

Pengujian	Jarak (m)	Waktu (s)	Kecepatan (m/s)
1	10	3.0100	3.3223
2	10	2.9200	3.4247
3	10	2.6500	3.7736
4	10	3.1400	3.1847
5	10	4.9000	2.0408
6	10	3.5100	2.8490
7	10	3.5900	2.7855

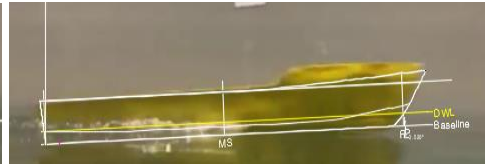
Lampiran 2 Gambar Analisa Trim Kapal melalui *Software Autocad*

Model Kapal 1 Stepped

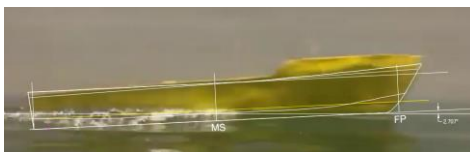
Kecepatan 2.0964



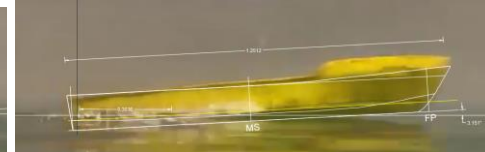
Kecepatan 2.5445



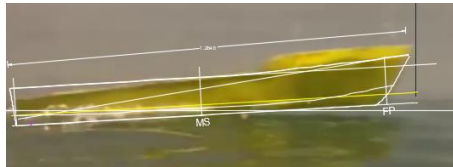
Kecepatan 2.6455



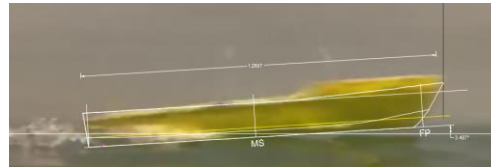
Kecepatan 2.9326



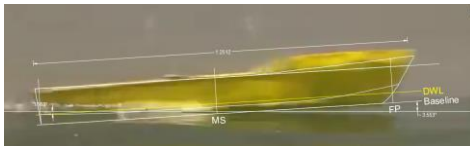
Kecepatan 3.3003



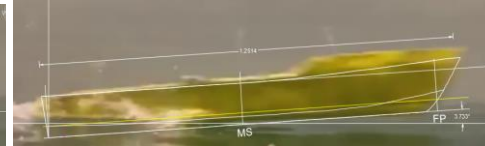
Kecepatan 3.4843



Kecepatan 3.7037

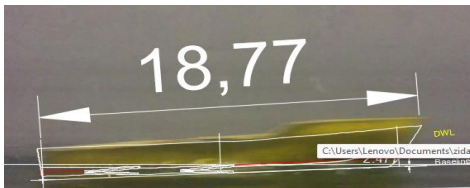


Kecepatan 3.8760

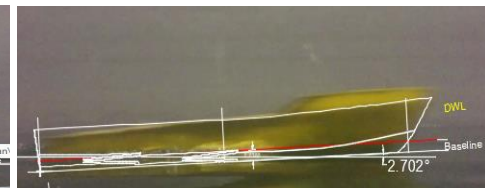


Model Kapal 2 Stepped

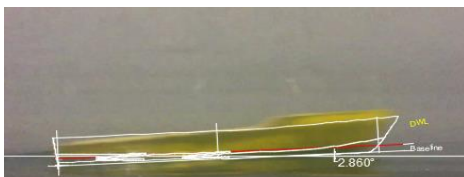
Kecepatan 2.1692



Kecepatan 2.4272



Kecepatan 2.513



Kecepatan 2.710



Kecepatan 2.907



Kecepatan 3.165



Kecepatan 3.571



Kecepatan 3.922

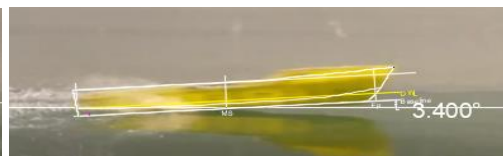


### Model Kapal 3 Stepped

Kecepatan 2.0408



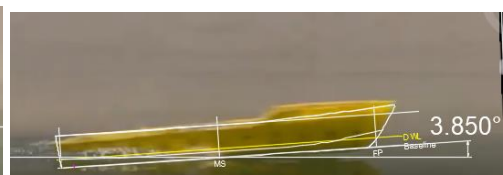
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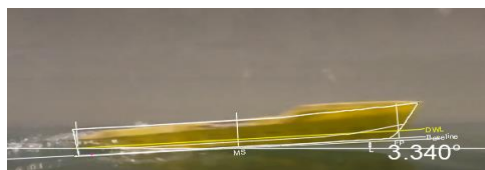
Kecepatan 2.849



Kecepatan 3.1847



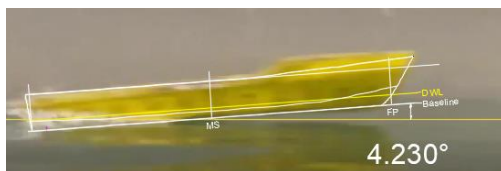
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Kecepatan 3.4247

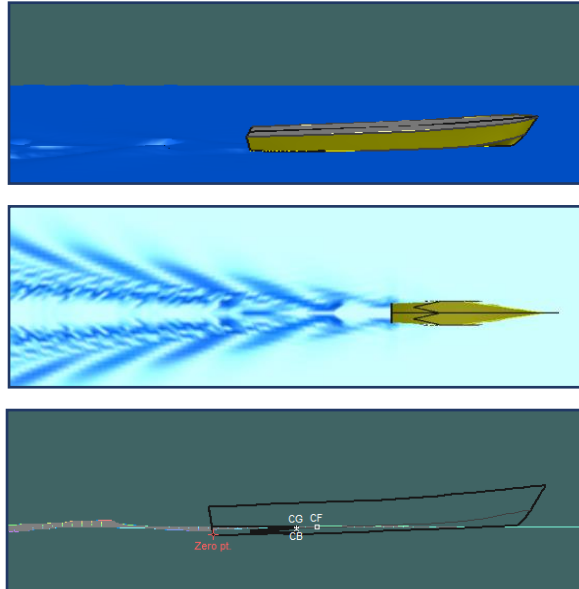


Kecepatan 3.7736

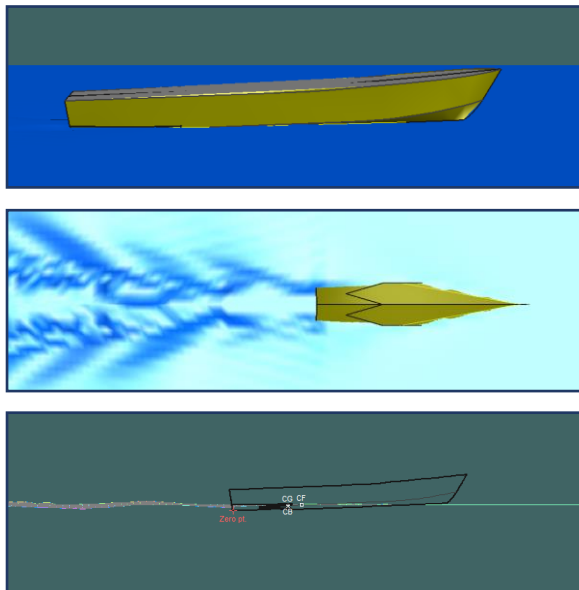


Lampiran 3 Pemodelan Kapal *Planing Hull 1 Stepped 2V*

- Kecepatan 2.0964

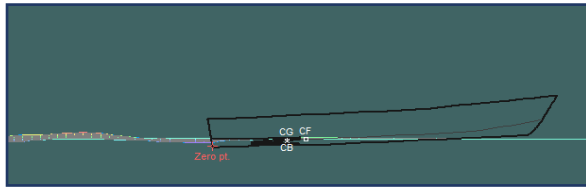
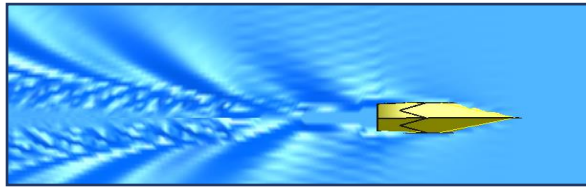


- Kecepatan 2.5445

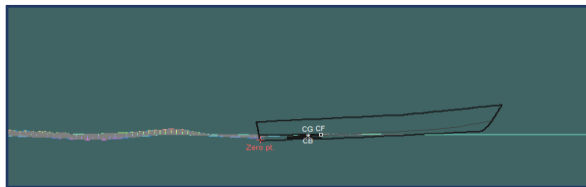
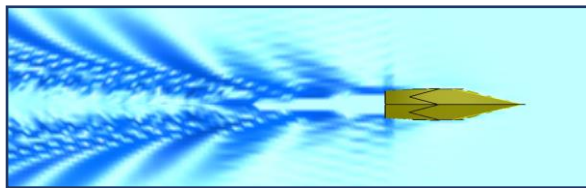
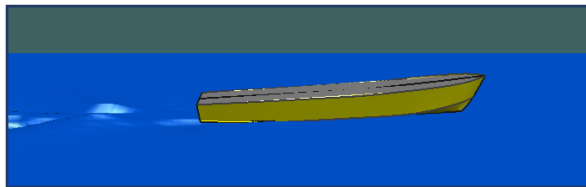


- Kecepatan 2.6455



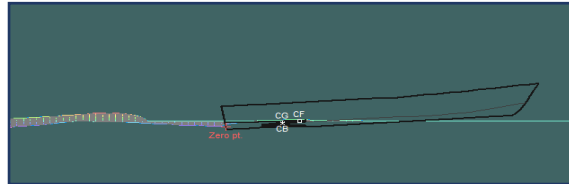
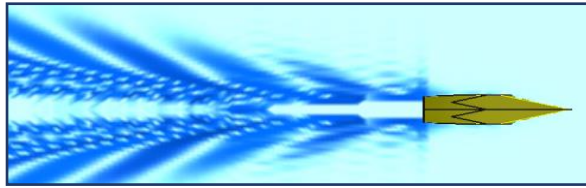


- Kecepatan 2.9326

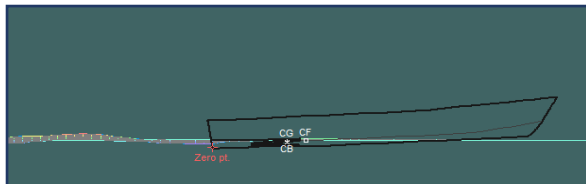
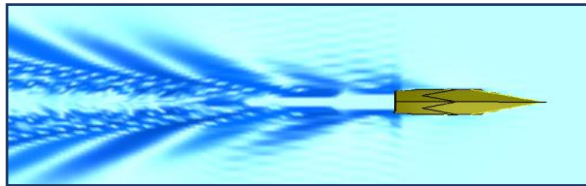


- Kecepatan 3.3003

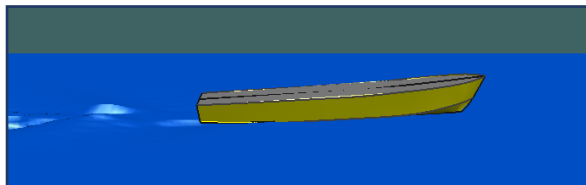




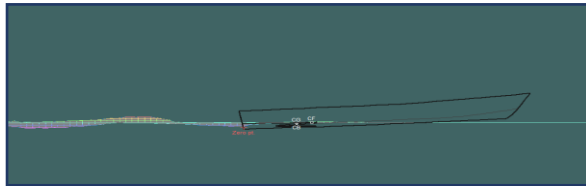
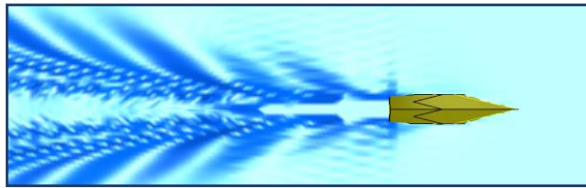
- Kecepatan 3.4843



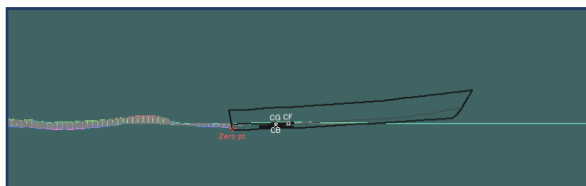
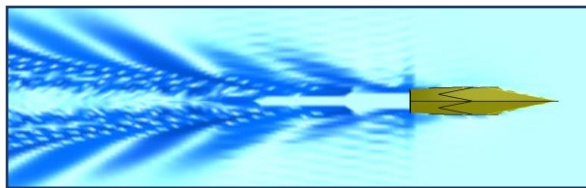
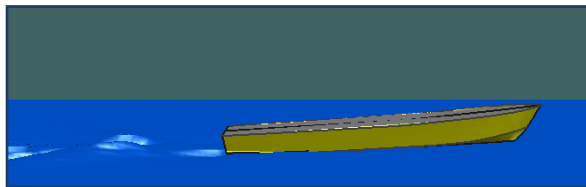
- Kecepatan 3.7037





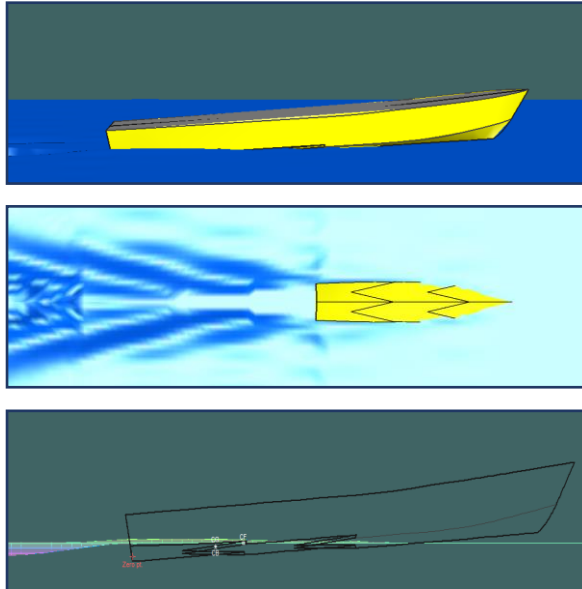


- Kecepatan 3.8760

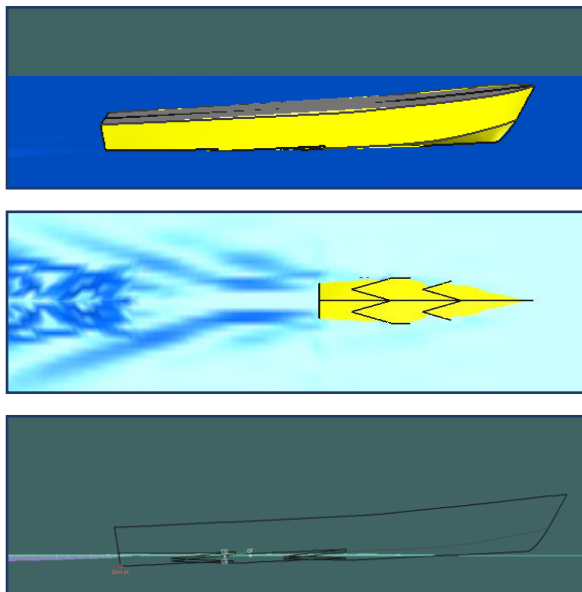


Lampiran 4 Pemodelan Kapal *Planing Hull 2 Stepped 2V*

- Kecepatan 2.1692

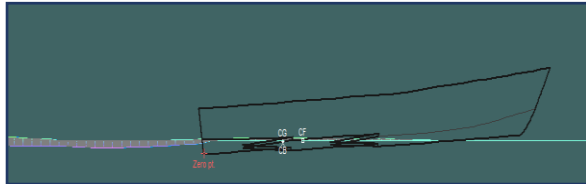
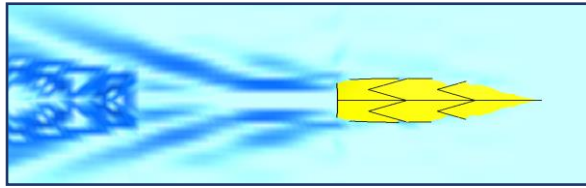


- Kecepatan 2.4272

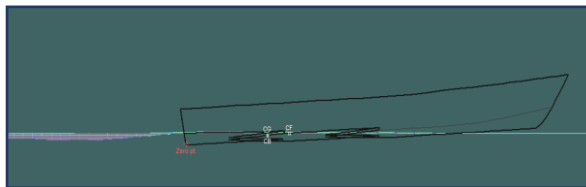
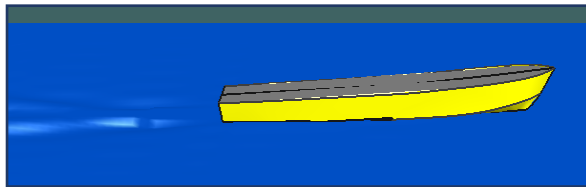


- Kecepatan 2.5126

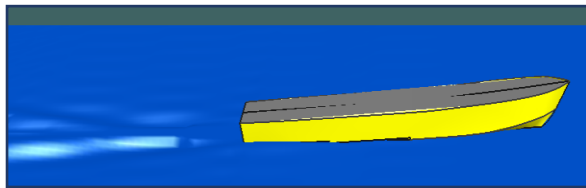


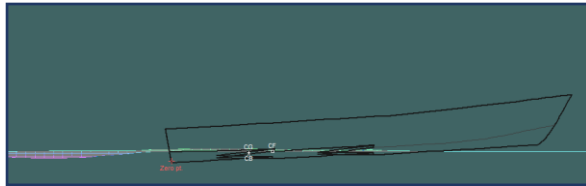
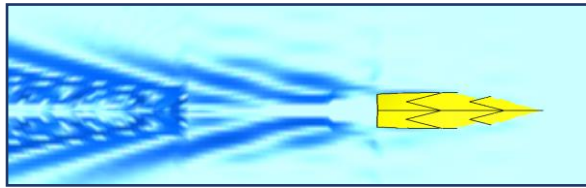


- Kecepatan 2.7100

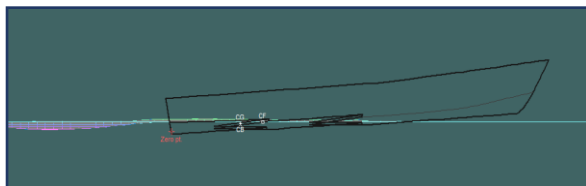
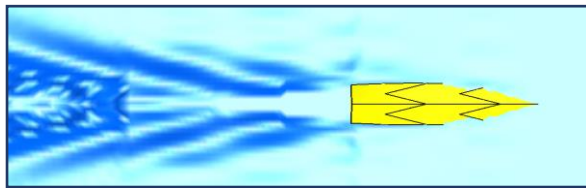


- Kecepatan 2.9070

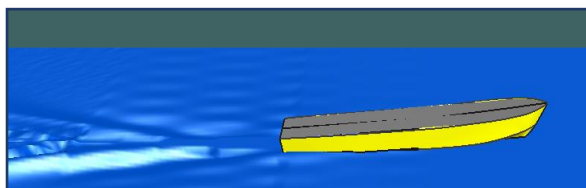


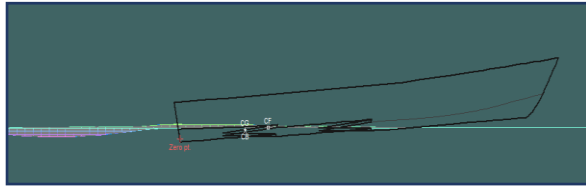
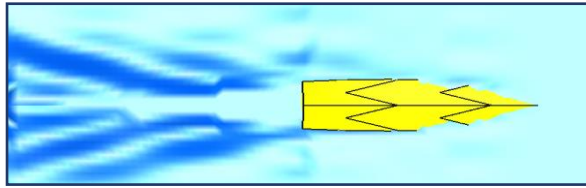


- Kecepatan 3.1646

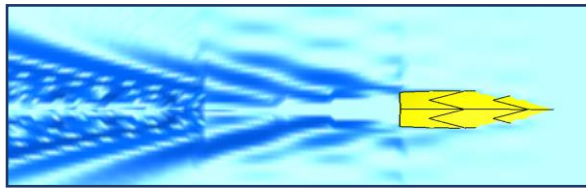
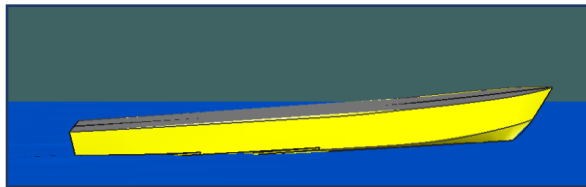


- Kecepatan 3.5714



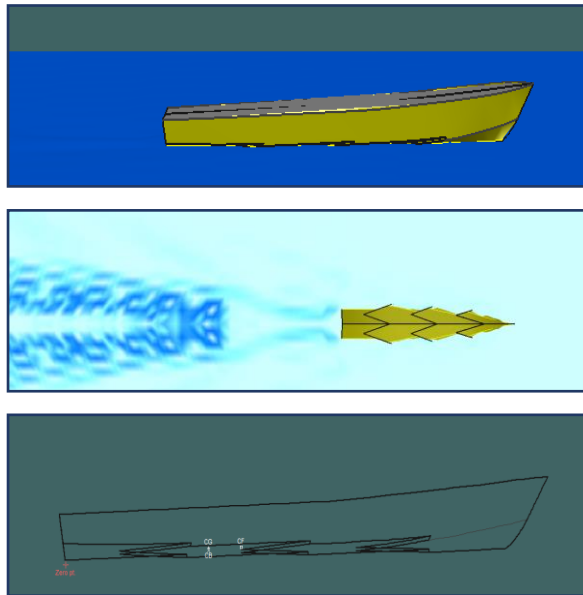


- Kecepatan 3.9216

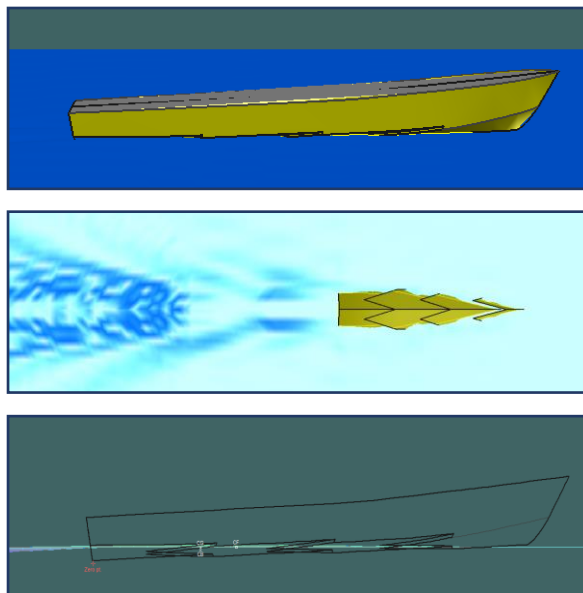


Lampiran 5 Pemodelan Kapal *Planing Hull 3 Stepped 2V*

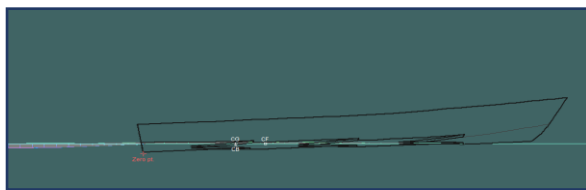
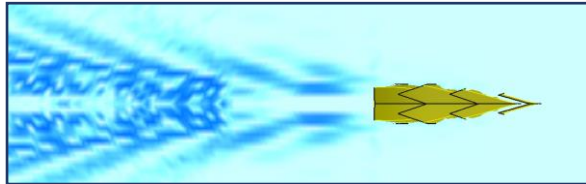
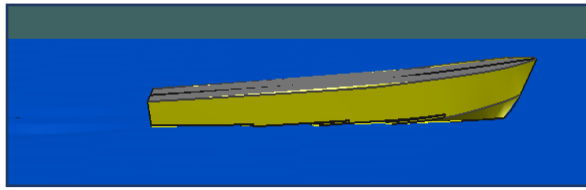
- Kecepatan 2.0408



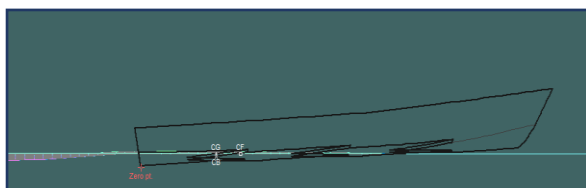
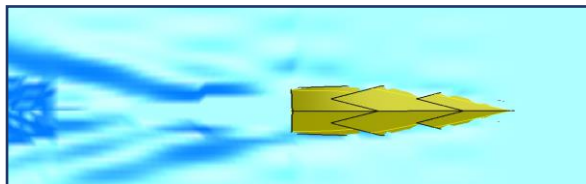
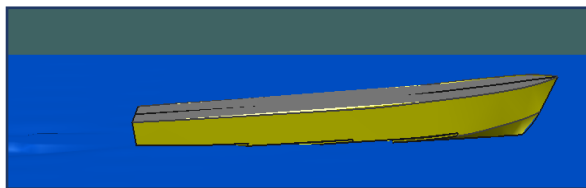
- Kecepatan 2.7855



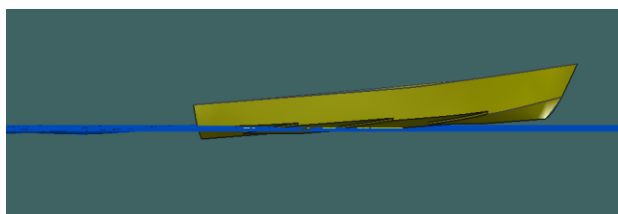
- Kecepatan 2.8490

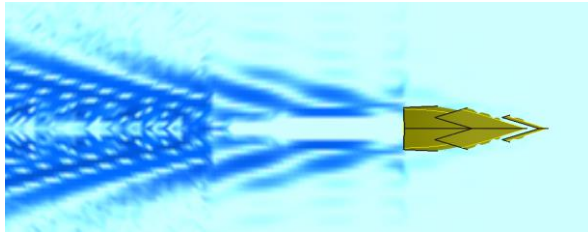


- Kecepatan 3.1847

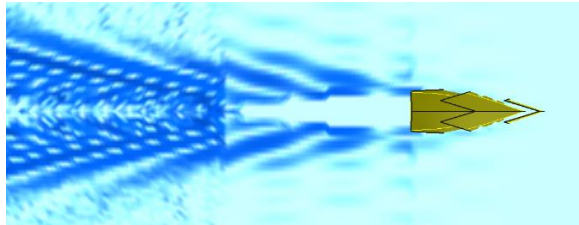
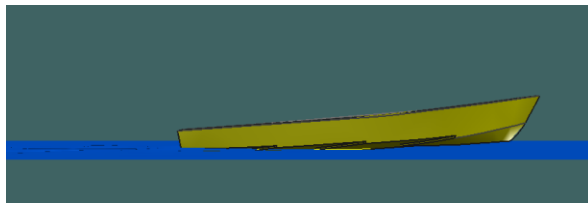


- Kecepatan 3.3223

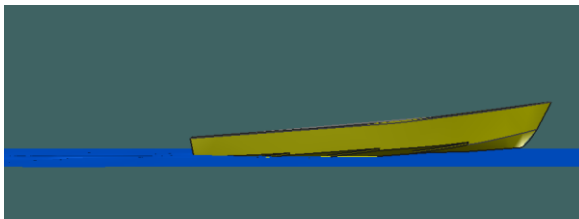




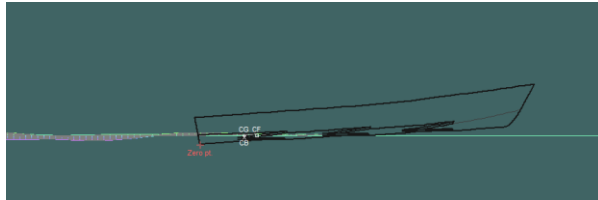
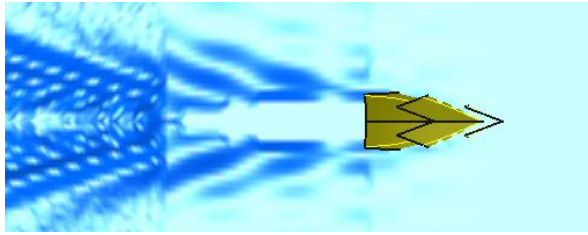
- Kecepatan 3.4247



- Kecepatan 3.7736







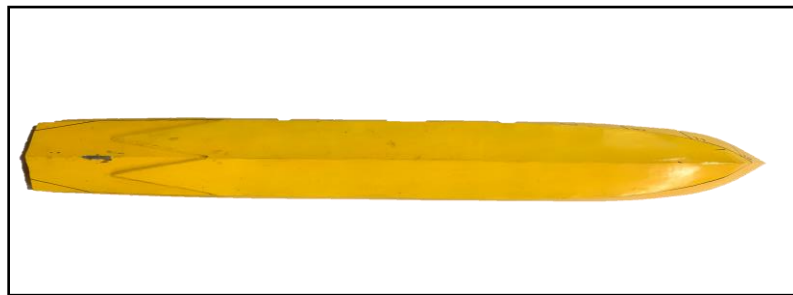
Lampiran 6 Dimensi Ukuran model Kapal dan foto

Dimensi ukuran

Skala yang digunakan dalam percobaan ini adalah 1:15

Item	Ukuran	Item	Ukuran Seri Model (m)		
			1 Stepped	2 Stepped	3 Stepped
Ukuran	Kapal (m)	Ukuran	V	V	V
		Skala	1 : 15	1 : 15	1 : 15
LBP	19	LBP <sub>M</sub>	1.27	1.27	1.27
B	5.56	B <sub>M</sub>	0.37	0.37	0.37
H	1.8	H <sub>M</sub>	0.12	0.12	0.12
T	0.45	T <sub>M</sub>	0.03	0.03	0.03

Model Kapal 1 *Stepped 2V*



Model kapal 2 *Stepped 2V*



Model Kapal 2 *Stepped 2V*

