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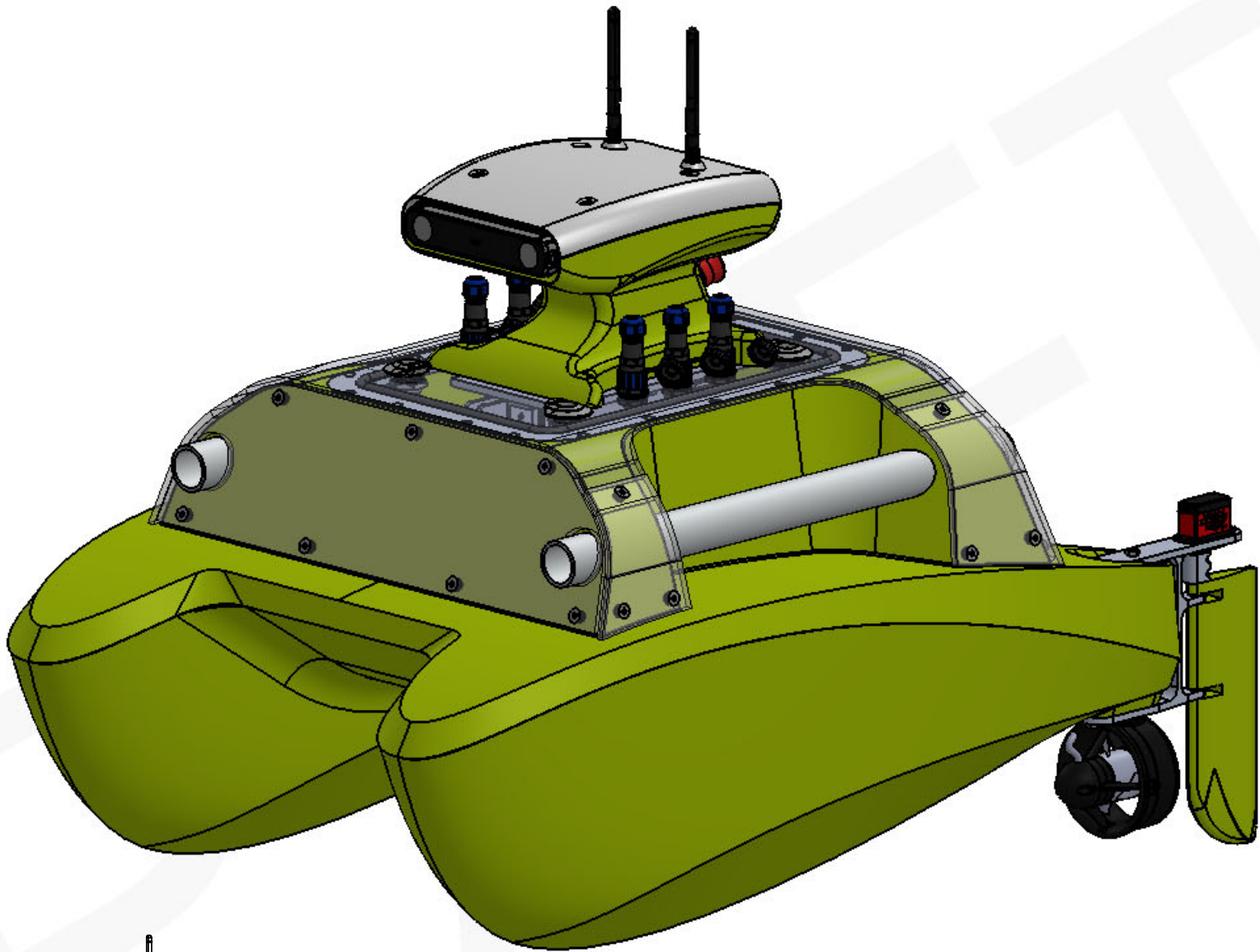
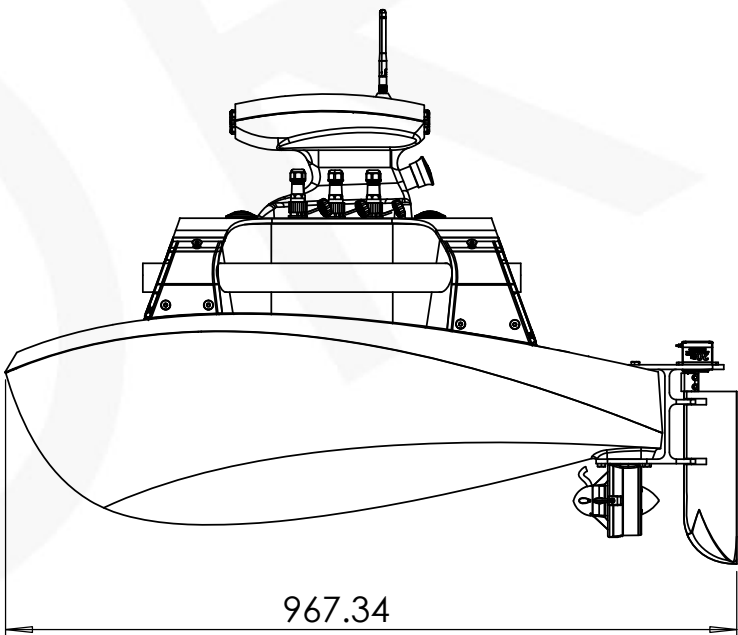
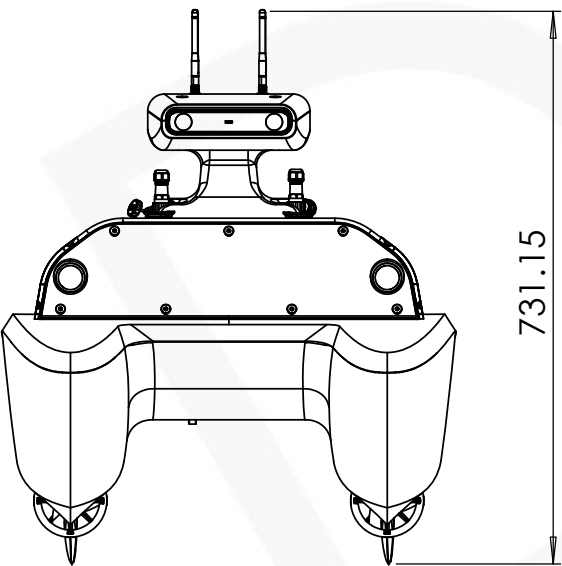
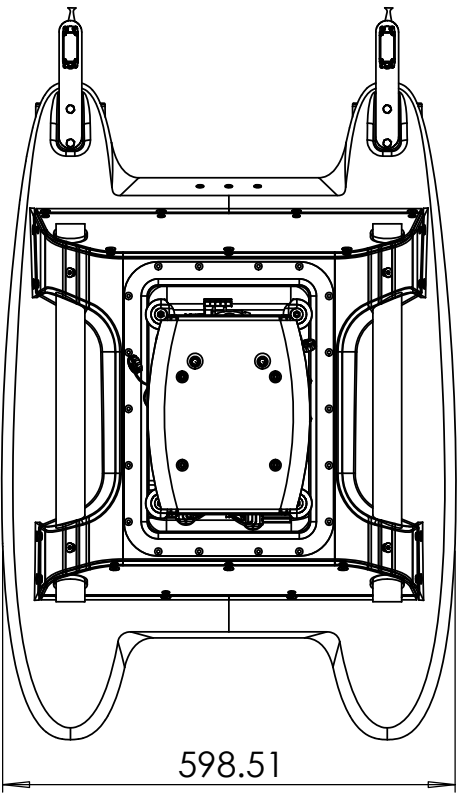
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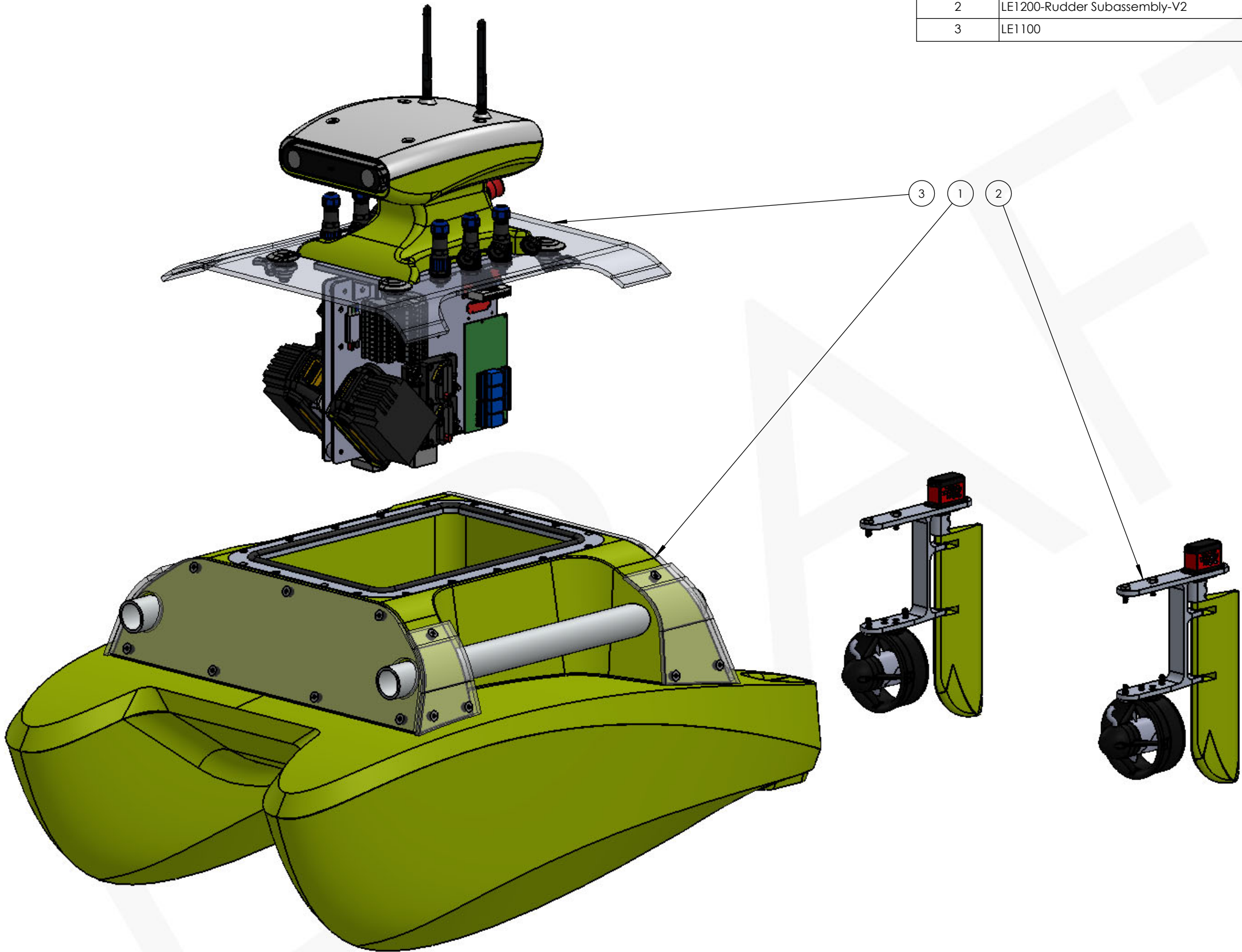
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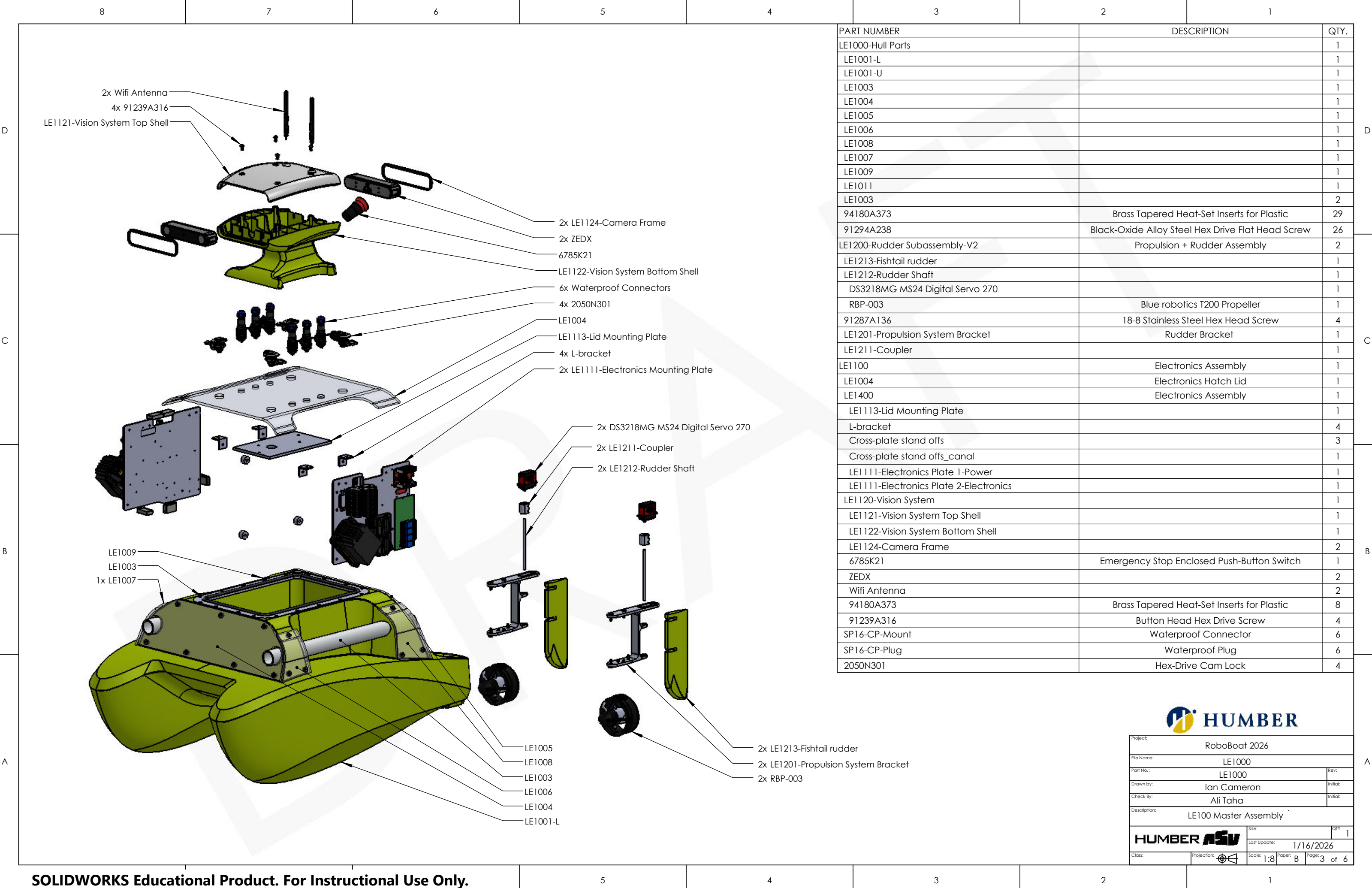


Project: RoboBoat 2026			
File Name: LE1000			
Part No.:	LE1000	Rev:	
Drawn by:	Ian Cameron	Initial:	
Check By:	Ali Taha	Initial:	
Description: LE100 Master Assembly			
<b>HUMBER ASU</b>		Size: 600x970x735mm	Qty: 1
		Last Update:	1/16/2026
Class:	Projection:	Scale: 1:1	Page: 1 of 6


BOM Table			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LE1000-Hull Parts		1
2	LE1200-Rudder Subassembly-V2	Propulsion + Rudder Assembly	2
3	LE1100	Electronics Assembly	1



Project: RoboBoat 2026			
File Name: LE1000			
Part No.:	LE1000	Rev:	
Drawn by:	Ian Cameron	Initial:	
Check By:	Ali Taha	Initial:	
Description: LE100 Master Assembly			
HUMBER ASU		Size:	QTY: 1
		Last Update:	1/16/2026
Class:	Projection:	Scale: 1:5	Paper: B Page: 2 of 6



PART NUMBER	DESCRIPTION	QTY.
LE1000-Hull Parts		1
LE1001-L		1
LE1001-U		1
LE1003		1
LE1004		1
LE1005		1
LE1006		1
LE1008		1
LE1007		1
LE1009		1
LE1011		1
LE1003		2
94180A373	Brass Tapered Heat-Set Inserts for Plastic	29
91294A238	Black-Oxide Alloy Steel Hex Drive Flat Head Screw	26
LE1200-Rudder Subassembly-V2	Propulsion + Rudder Assembly	2
LE1213-Fishtail rudder		1
LE1212-Rudder Shaft		1
DS3218MG MS24 Digital Servo 270		1
RBP-003	Blue robotics T200 Propeller	1
91287A136	18-8 Stainless Steel Hex Head Screw	4
LE1201-Propulsion System Bracket	Rudder Bracket	1
LE1211-Coupler		1
LE1100	Electronics Assembly	1
LE1004	Electronics Hatch Lid	1
LE1400	Electronics Assembly	1
LE1113-Lid Mounting Plate		1
L-bracket		4
Cross-plate stand offs		3
Cross-plate stand offs_canal		1
LE1111-Electronics Plate 1-Power		1
LE1111-Electronics Plate 2-Electronics		1
LE1120-Vision System		1
LE1121-Vision System Top Shell		1
LE1122-Vision System Bottom Shell		1
LE1124-Camera Frame		2
6785K21	Emergency Stop Enclosed Push-Button Switch	1
ZEDX		2
Wifi Antenna		2
94180A373	Brass Tapered Heat-Set Inserts for Plastic	8
91239A316	Button Head Hex Drive Screw	4
SP16-CP-Mount	Waterproof Connector	6
SP16-CP-Plug	Waterproof Plug	6
2050N301	Hex-Drive Cam Lock	4



Project:RoboBoat 2026


File Name:LE1000

Part No.:LE1000Rev:

Drawn by:Ian CameronInitial:

Check By:Ali TahaInitial:

Description:LE100 Master Assembly

Size:Qty:1

Last Update:1/16/2026

Class:Projection:Scale: 1:8Paper: BPage: 3 of 6



D

C

B

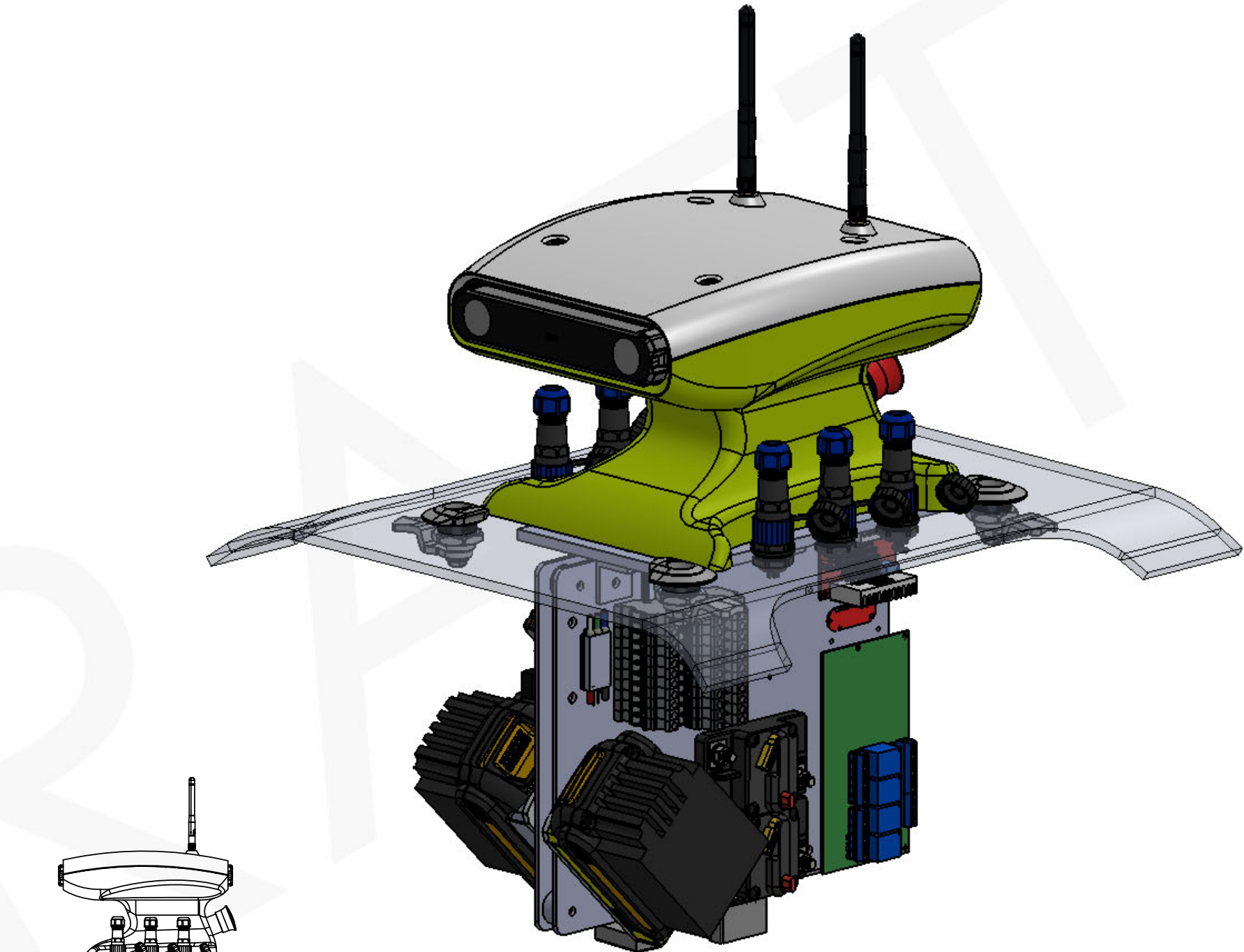
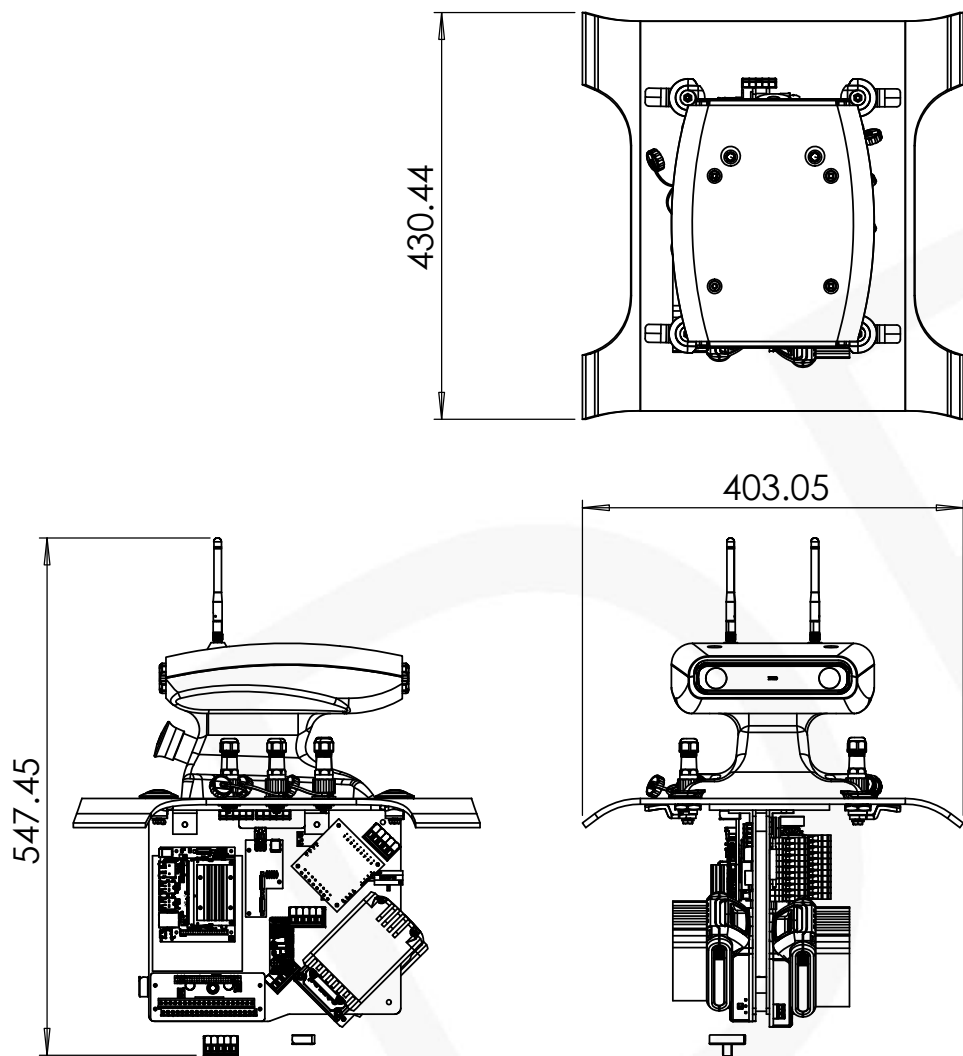
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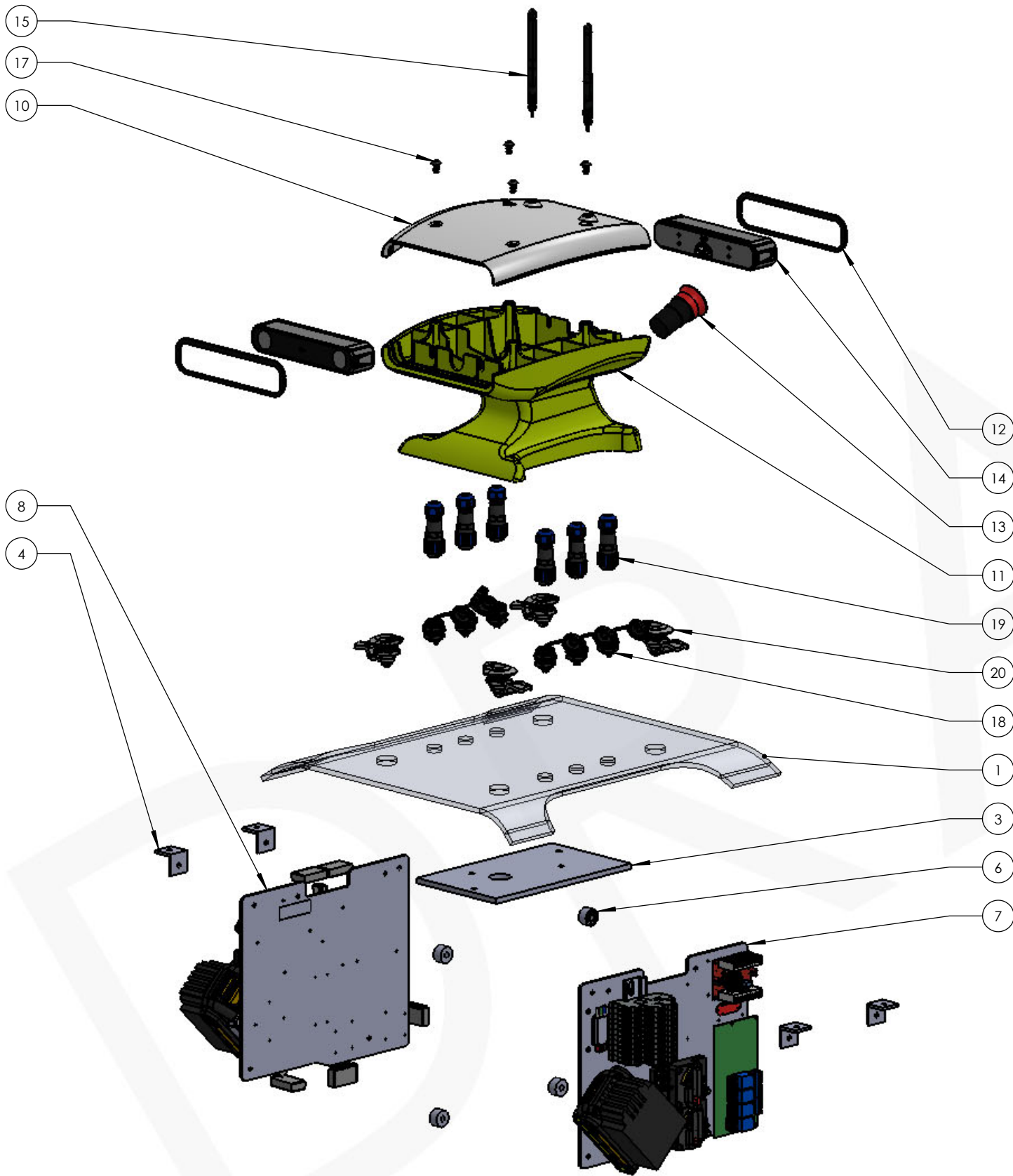
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B

A



Project: RoboBoat 2026	
File Name: LE1100-Electronics Hatch	
Part No.: LE1100	Rev:
Drawn by: Ian Cameron	Initial:
Check By: Ali Taha	Initial:
Description: Electronics Assembly	
Size: 404x430x550mm	
Last Update: 1/16/2026	
Class:	Projection:
Scale: 1:8	Paper: B
Page: 4	of 6

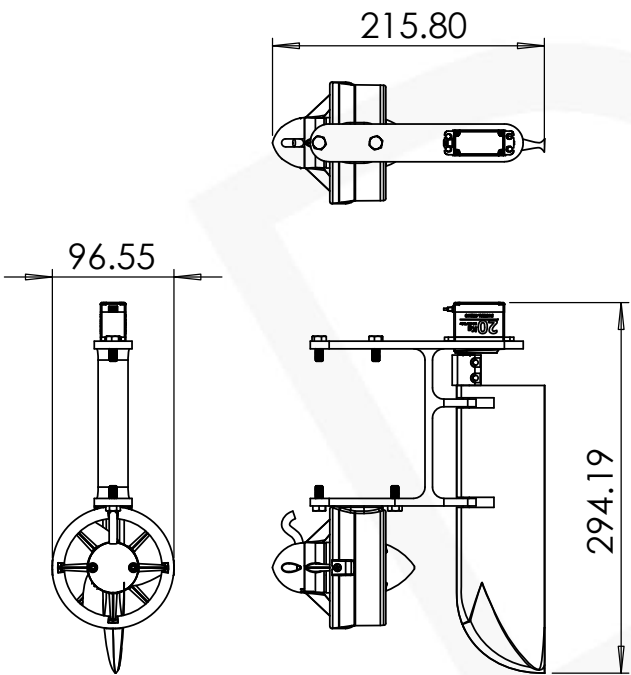
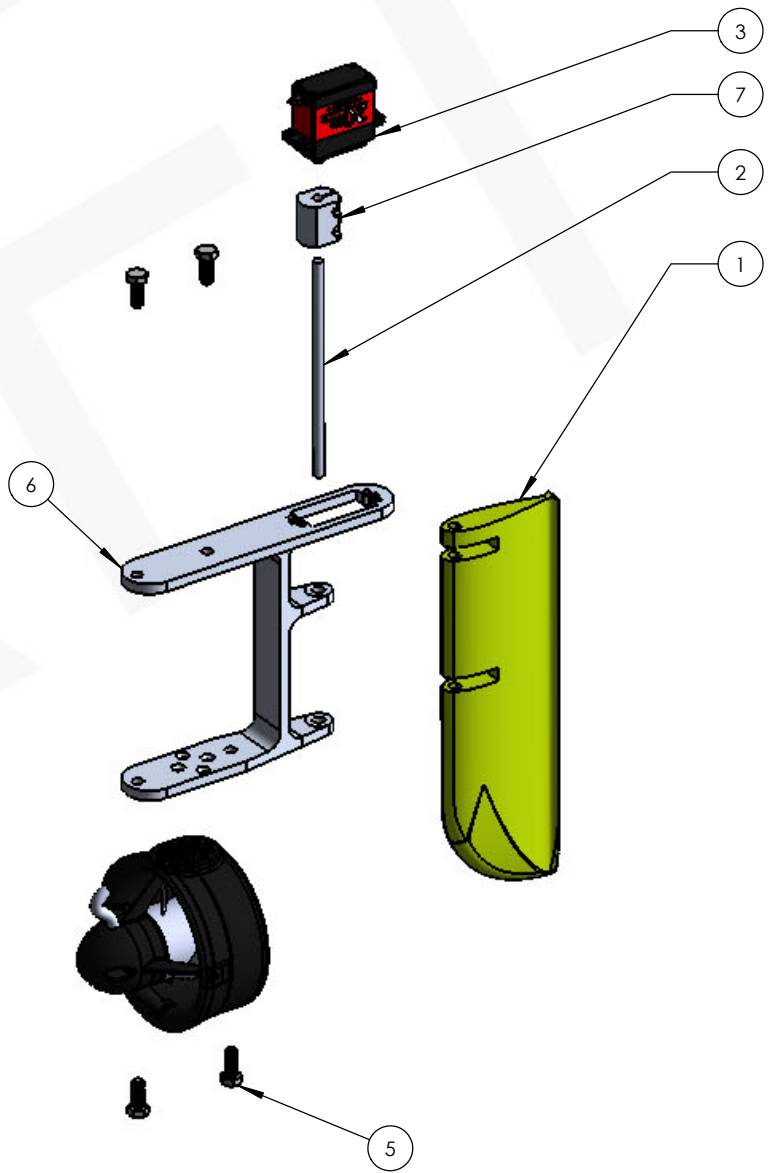
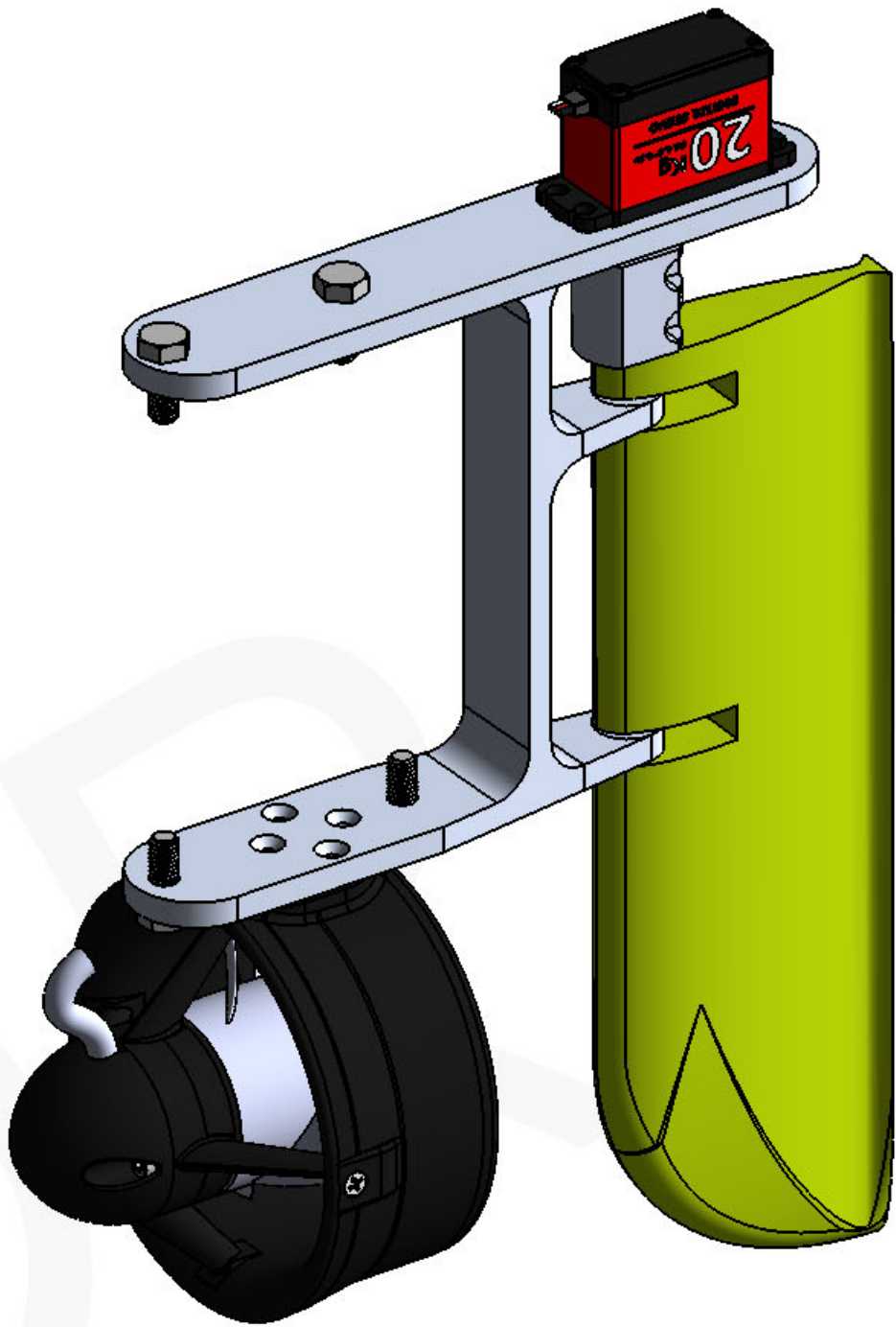


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LE1004	Electronics Hatch Lid	1
2	LE1400	Electronics Assembly	1
3	LE1113-Lid Mounting Plate		1
4	L-bracket		4
5	Cross-plate stand offs		3
6	Cross-plate stand offs_canal		1
7	LE1111-Electronics Plate 1-Power		1
8	LE1111-Electronics Plate 2-Electronics		1
9	LE1120-Vision System		1
10	LE1121-Vision System Top Shell		1
11	LE1122-Vision System Bottom Shell		1
12	LE1124-Camera Frame		2
13	6785K21	Emergency Stop Enclosed Push-Button Switch	1
14	ZEDX		2
15	Wifi Antenna		2
16	94180A373	Brass Tapered Heat-Set Inserts for Plastic	8
17	91239A316	Button Head Hex Drive Screw	4
18	SP16-CP-Mount	Waterproof Connector	6
19	SP16-CP-Plug	Waterproof Plug	6
20	2050N301	Hex-Drive Cam Lock	4



Project: RoboBoat 2026			
File Name: LE1100-Electronics Hatch			
Part No.:	LE1100	Rev:	
Drawn by:	Ian Cameron	Initial:	
Check By:	Ali Taha	Initial:	
Description: Electronics Assembly			
<b>HUMBER ASU</b>		Size:	QTY: 1
		Last Update:	1/16/2026
Class:	Projection:	Scale: 1:6	Paper: B Page: 5 of 6

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	LE1213-Fishtail rudder		1
2	LE1212-Rudder Shaft		1
3	DS3218MG MS24 Digital Servo 270		1
4	RBP-003	Blue robotics T200 Propeller	1
5	91287A136	18-8 Stainless Steel Hex Head Screw	4
6	LE1201-Propulsion System Bracket	Rudder Bracket	1
7	LE1211-Coupler		1



Project:	RoboBoat 2026
File Name:	LE1200-Rudder Subassembly-V2
Part No.:	LE1200
Drawn by:	Ian Cameron
Check By:	Ali Taha
Description:	Propulsion + Rudder Assembly
Size:	97x216x295mm
Last Update:	1/16/2026
Class:	Projection:
Scale:	1:6
Paper:	B
Page:	6 of 6