

Pre-/Post-Cleaning Inspection Report

Demo Inspection

Project ID:	34
Location:	Aarhus
Pre-Cleaning Inspection Date:	10-08-2026
Post-Cleaning Inspection Date:	19-08-2026
Operator:	N/A
Vessel:	Nordic Explorer
Created By:	N/A
Report Generated:	18-08-2026 09:10

Description:

This is a demo of a full biofouling inspection cycle with pre- and after-cleaning inspections.

Vessel Information

Vessel Name:	Nordic Explorer
IMO Number:	9765432
Vessel Type:	Container
Vessel Class:	Container
Length Overall (m):	204.0
Length Between Perpendiculars (m):	175.0
Beam (m):	30.0
Draft (m):	7.0
Flag:	Norway
Home Port:	Oslo
Year Built:	2015
Organization:	BlueHorizon Maritime
Technical Manager:	BH Marine
Charterer:	Scandi Container

Biofouling Scale

Code	Description
0	No fouling
L	Light microfouling ('thin slime')
M	Medium microfouling ('moderate slime')
H	Heavy microfouling ('thick algal slime / emergent beard')
1	Up to 1% coverage by macrofouling
5	Up to 5% coverage by macrofouling
10	Up to 10% coverage by macrofouling
15	Up to 15% coverage by macrofouling
40	Up to 40% coverage by macrofouling
+	More than 40% coverage by macrofouling

Standard: AMPP
Version: 1.1

Analyzed Hull Sections: Pre-Cleaning

Port Side



Starboard Side



Flat Bottom

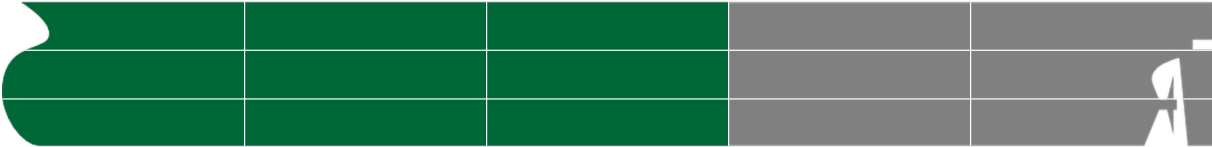


Biofouling Ratings:

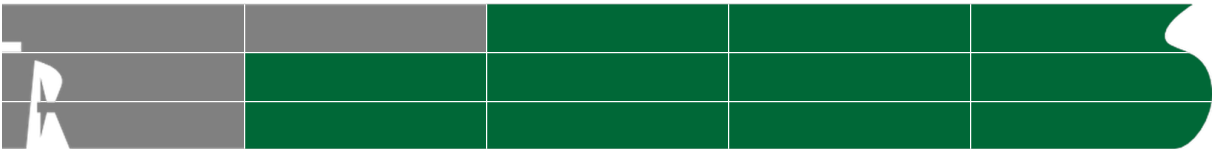


Analyzed Hull Sections: Post-Cleaning

Port Side



Starboard Side



Flat Bottom



Biofouling Ratings:



Analyzed Niche Areas: Pre-Cleaning

Port Bow Thruster



Port Draught

10
20
30



Starboard Bow Thruster



Starboard Draught

10
20
30



Biofouling Ratings:

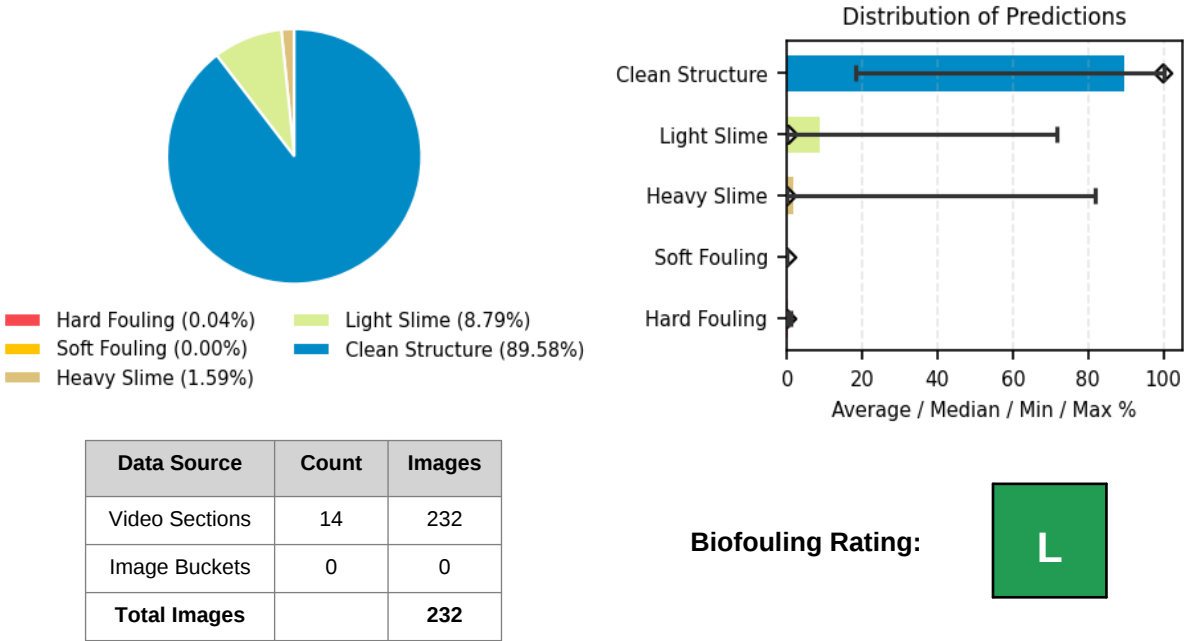


Analyzed Niche Areas: Post-Cleaning

No niche area information available

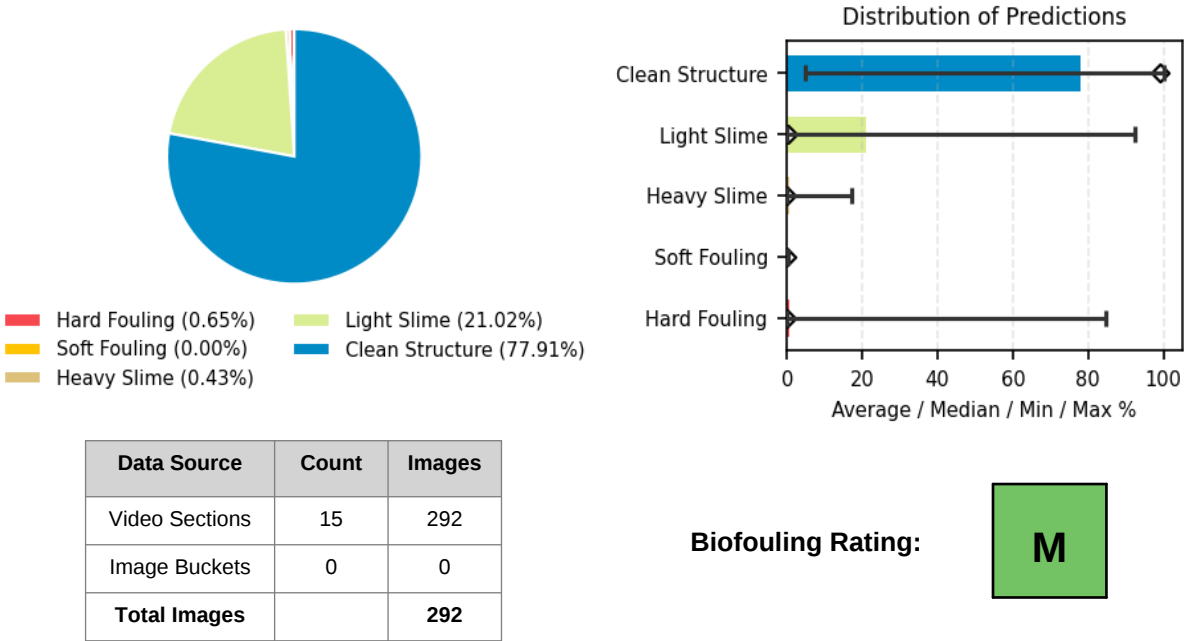
Overall Vessel Biofouling Status: Pre-Cleaning

Port Side



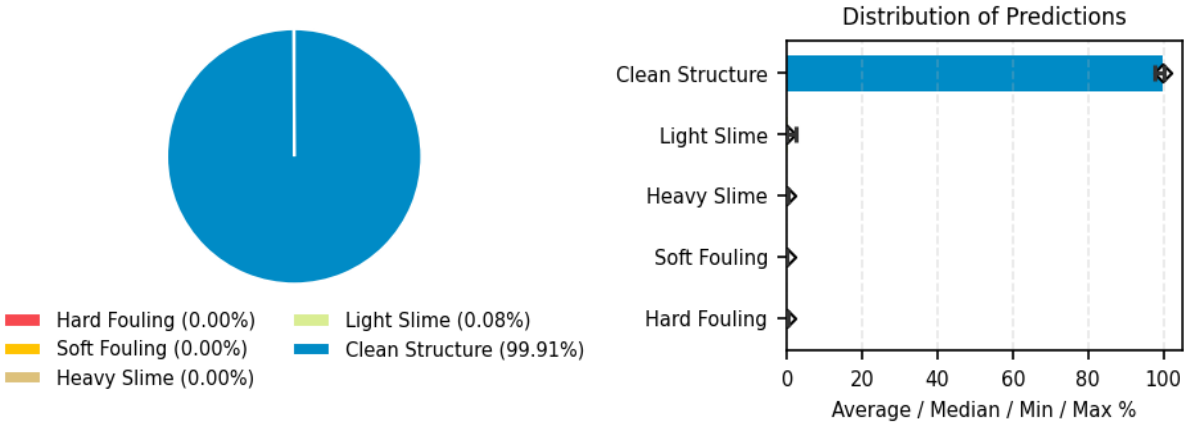
Overall Vessel Biofouling Status: Pre-Cleaning (cont.)

Starboard Side



Overall Vessel Biofouling Status: Post-Cleaning

Port Side



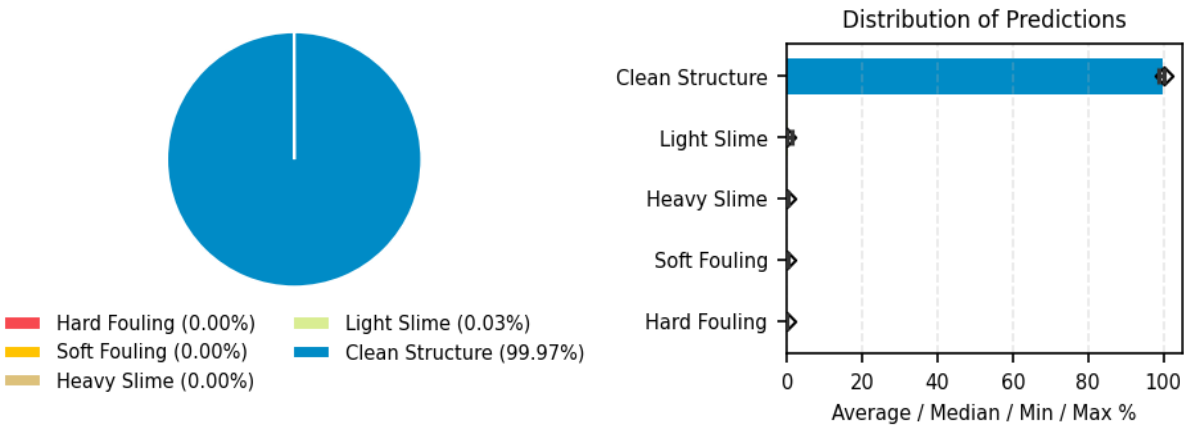
Data Source	Count	Images
Video Sections	9	122
Image Buckets	0	0
Total Images		122

Biofouling Rating:

0

Overall Vessel Biofouling Status: Post-Cleaning (cont.)

Starboard Side



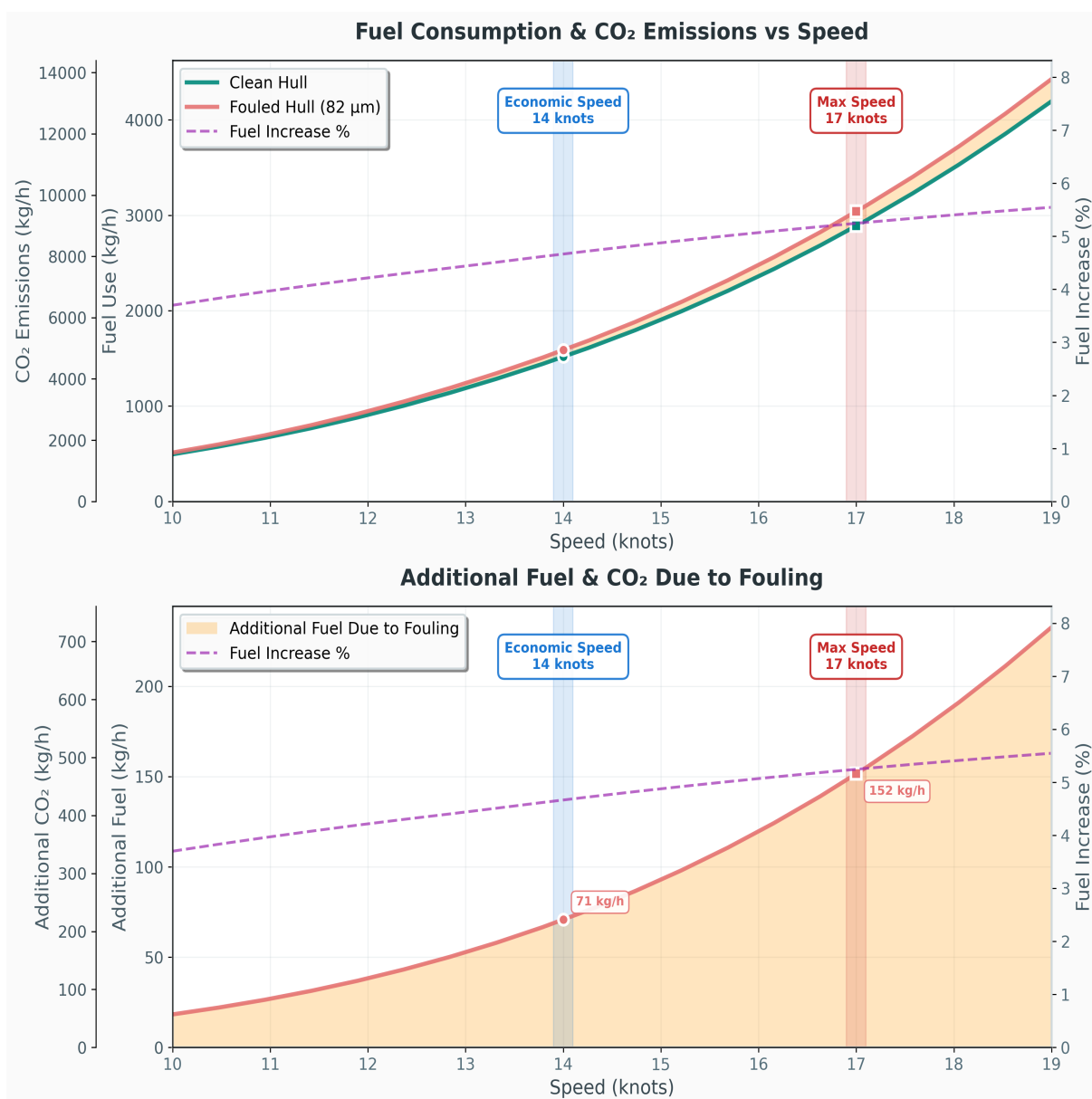
Data Source	Count	Images
Video Sections	11	209
Image Buckets	0	0
Total Images		209

Biofouling Rating:

0

CO₂-Impact Analysis Pre-Cleaning (experimental)

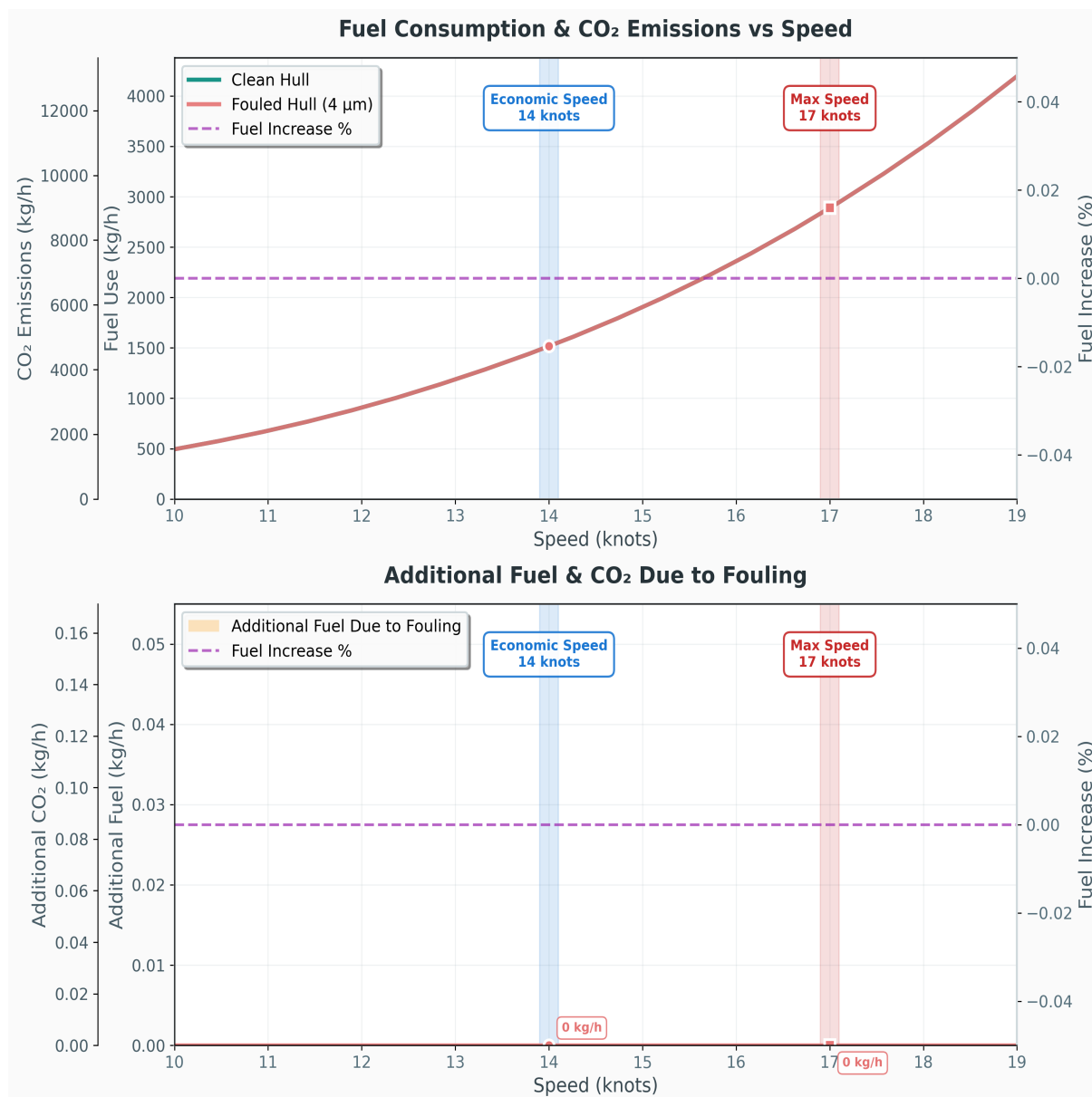
Vessel Length (m):	204.00	Propulsive Efficiency:	0.70
Beam (m):	30.00	Engine Efficiency:	0.45
Draft (m):	7.00	C _R /C _F Ratio (estimated):	1.7 - 2.6
Block Coefficient:	0.620	Fuel Type:	HFO
Estimated k _s (μm):	82		



Disclaimer: The CO₂ impact estimates provided in this analysis are calculated based on theoretical models and vessel-specific parameters. These estimates are intended as indicative values only and should be used for informational and comparative purposes. The results do not constitute legally binding data and carry no legal implications or guarantees. Actual fuel consumption and emissions may vary based on operational conditions, weather, vessel maintenance, and other factors not accounted for in this analysis.

CO₂-Impact Analysis Post-Cleaning (experimental)

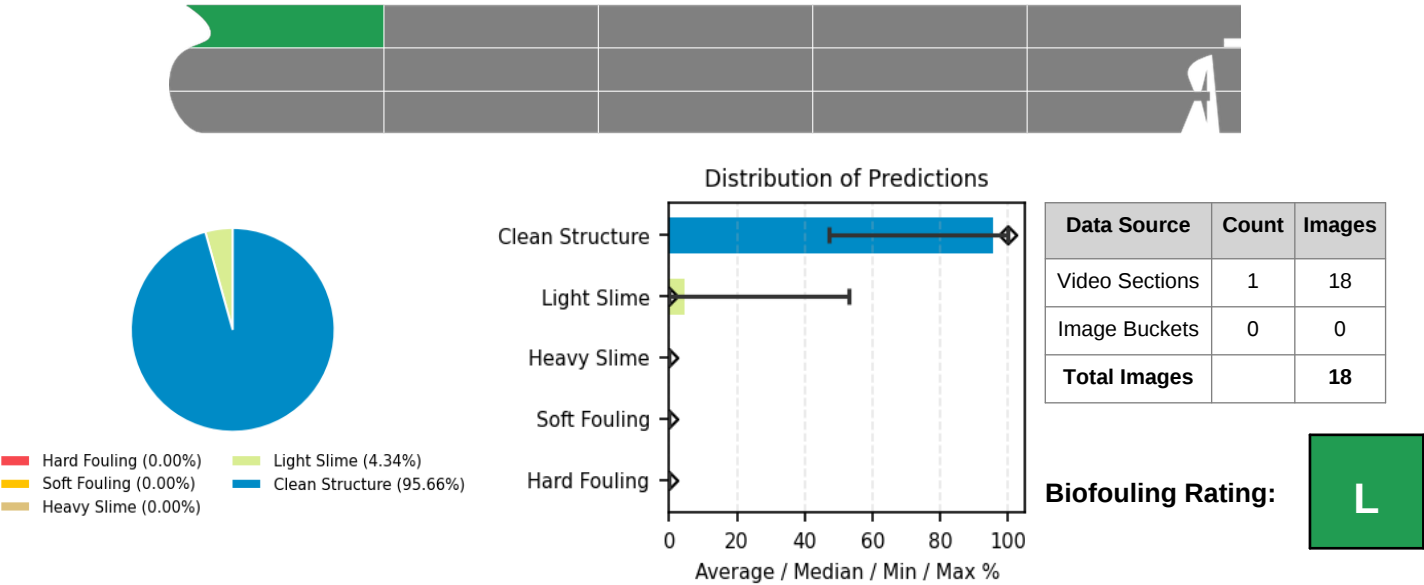
Vessel Length (m):	204.00	Propulsive Efficiency:	0.70
Beam (m):	30.00	Engine Efficiency:	0.45
Draft (m):	7.00	C _R /C _F Ratio (estimated):	1.7 - 2.6
Block Coefficient:	0.620	Fuel Type:	HFO
Estimated k _s (μm):	4		



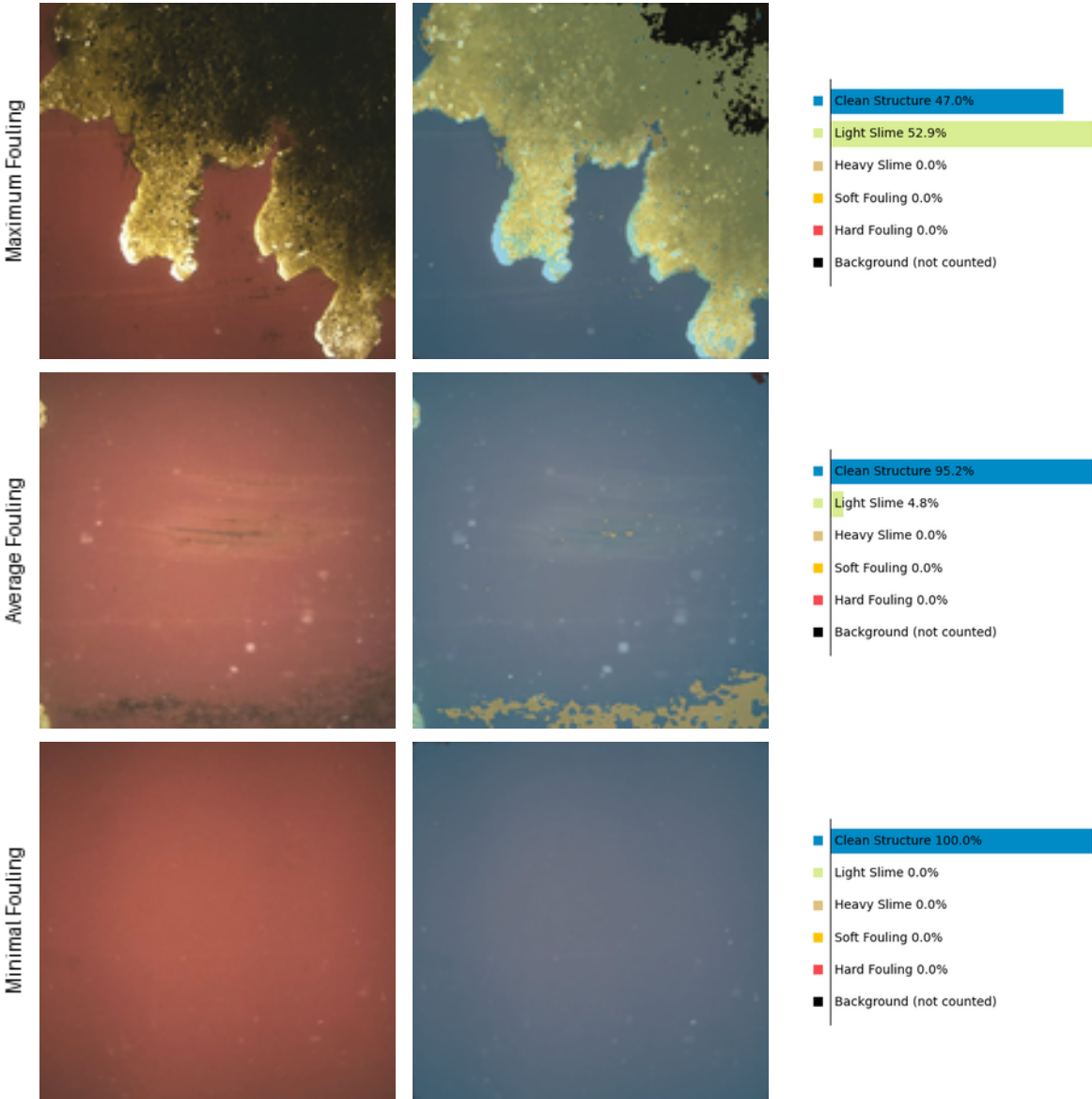
Disclaimer: The CO₂ impact estimates provided in this analysis are calculated based on theoretical models and vessel-specific parameters. These estimates are intended as indicative values only and should be used for informational and comparative purposes. The results do not constitute legally binding data and carry no legal implications or guarantees. Actual fuel consumption and emissions may vary based on operational conditions, weather, vessel maintenance, and other factors not accounted for in this analysis.

Pre-Cleaning Analysis Details

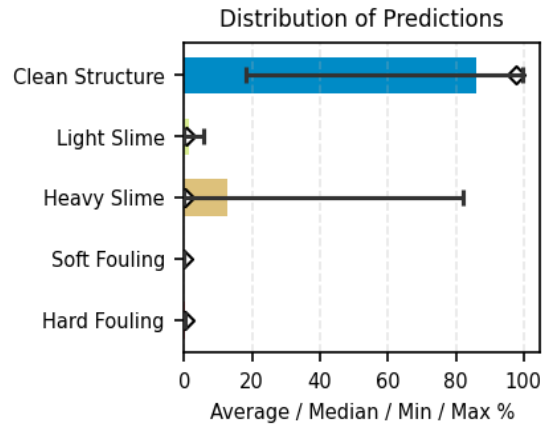
Pre-Cleaning Hull Section Stats: Port Bow high



Representative Images:



Age Group	Percentage
18-24	15%
25-34	25%
35-44	20%
45-54	15%
55-64	10%
65-74	5%
75-84	2%
85+	2%



Data Source	Count	Images
Video Sections	1	14
Image Buckets	0	0
Total Images		14

Biofouling Rating:

M

Maximum Fouling

- Clean Structure 97.3%
- Light Slime 2.2%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.4%
- Background (not counted)

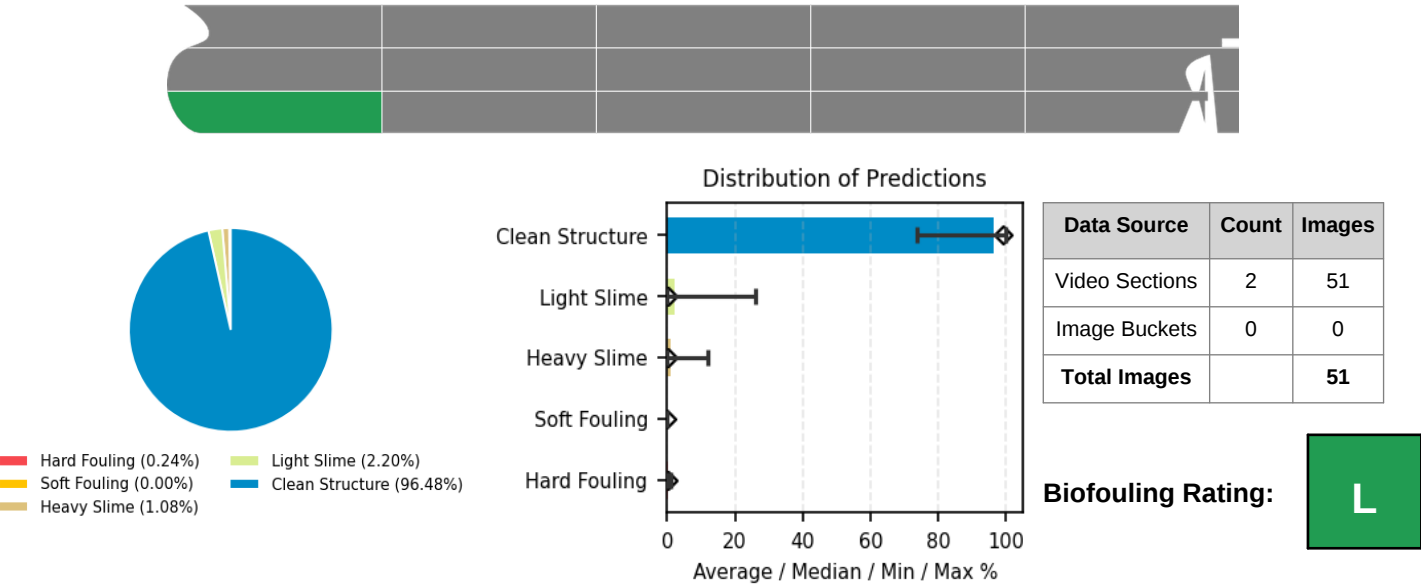
Average Fouling

- Clean Structure 84.1%
- Light Slime 5.7%
- Heavy Slime 10.2%
- Soft Fouling 0.0%
- Hard Fouling 0.1%
- Background (not counted)

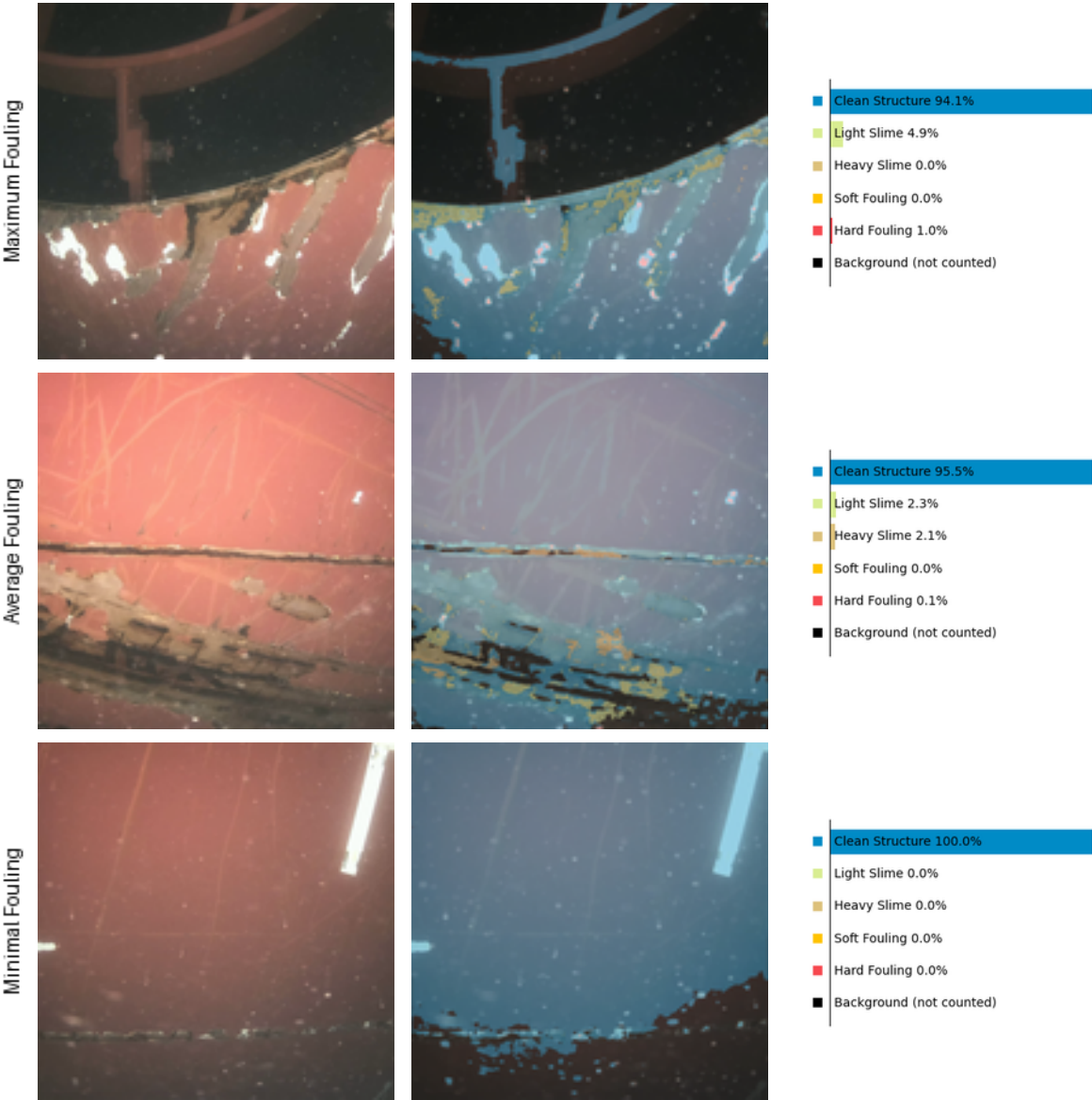
Minimal Fouling

- Clean Structure 99.8%
- Light Slime 0.2%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

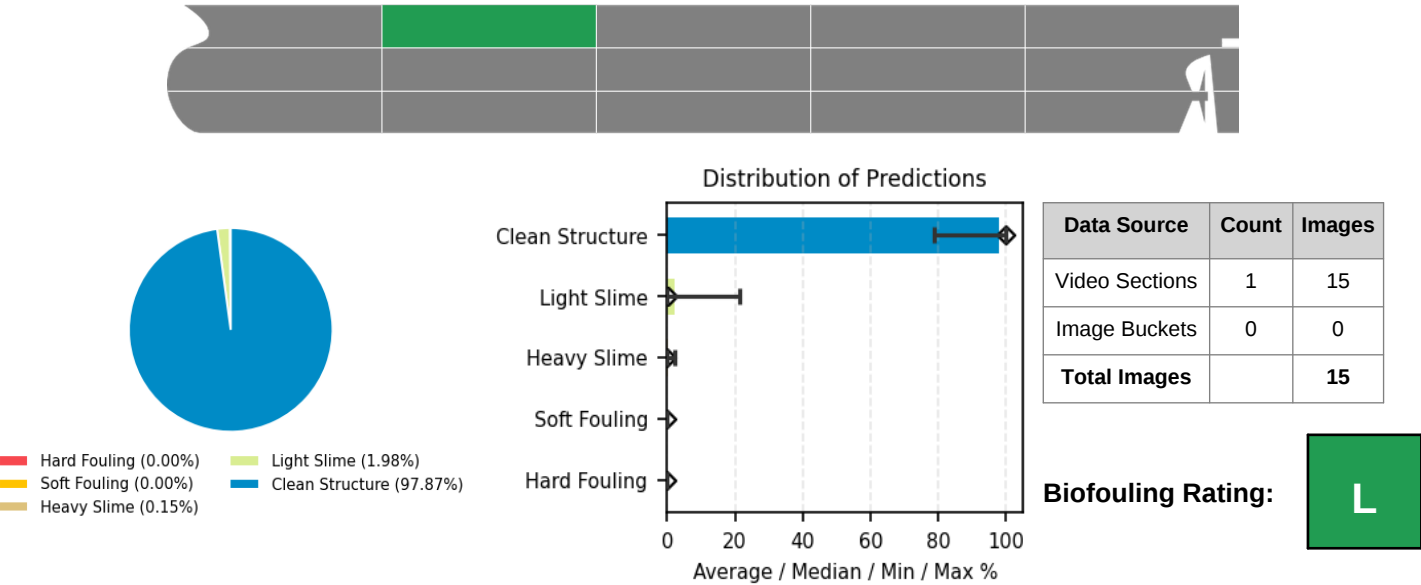
Pre-Cleaning Hull Section Stats: Port Bow low



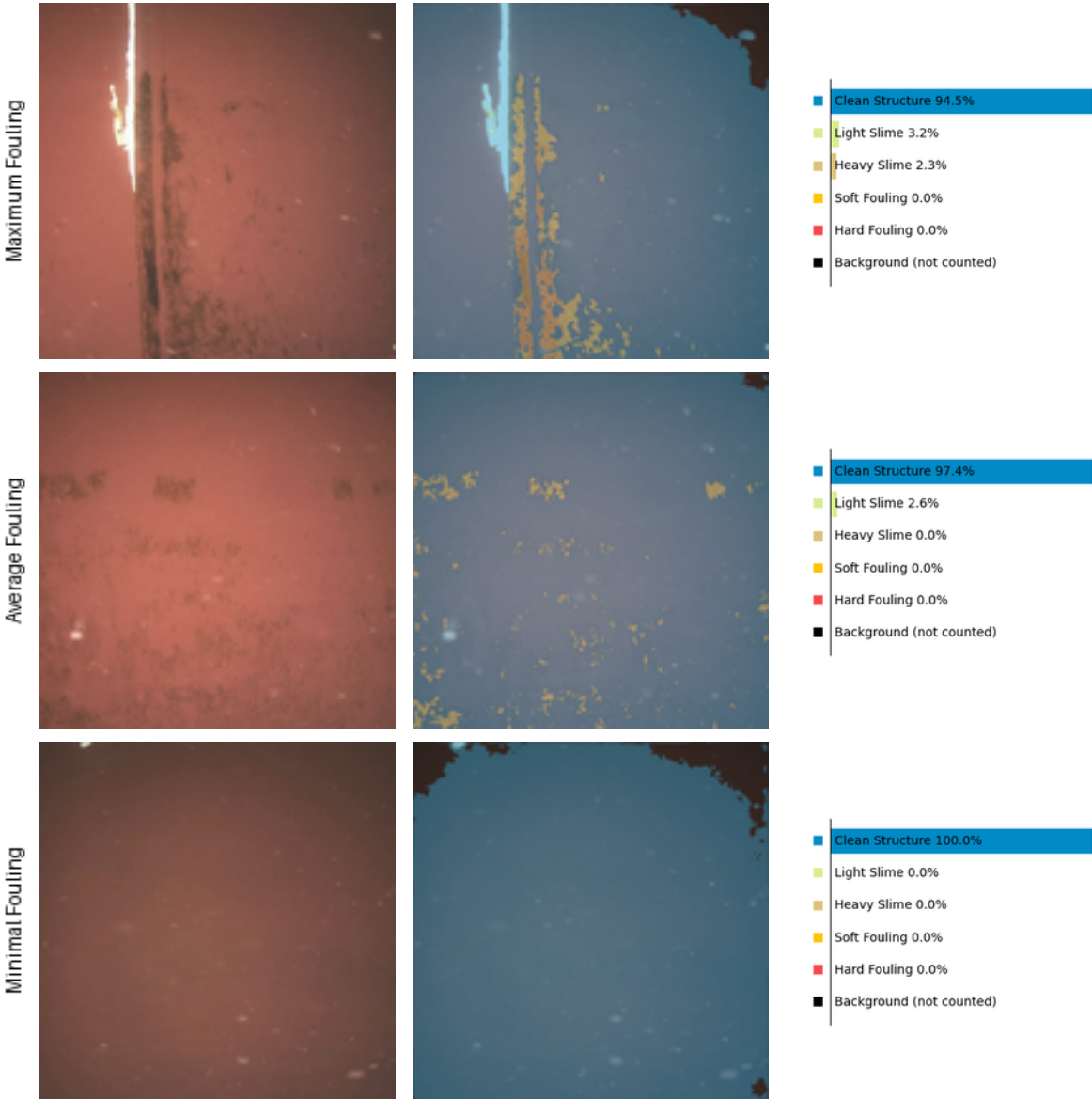
Representative Images:



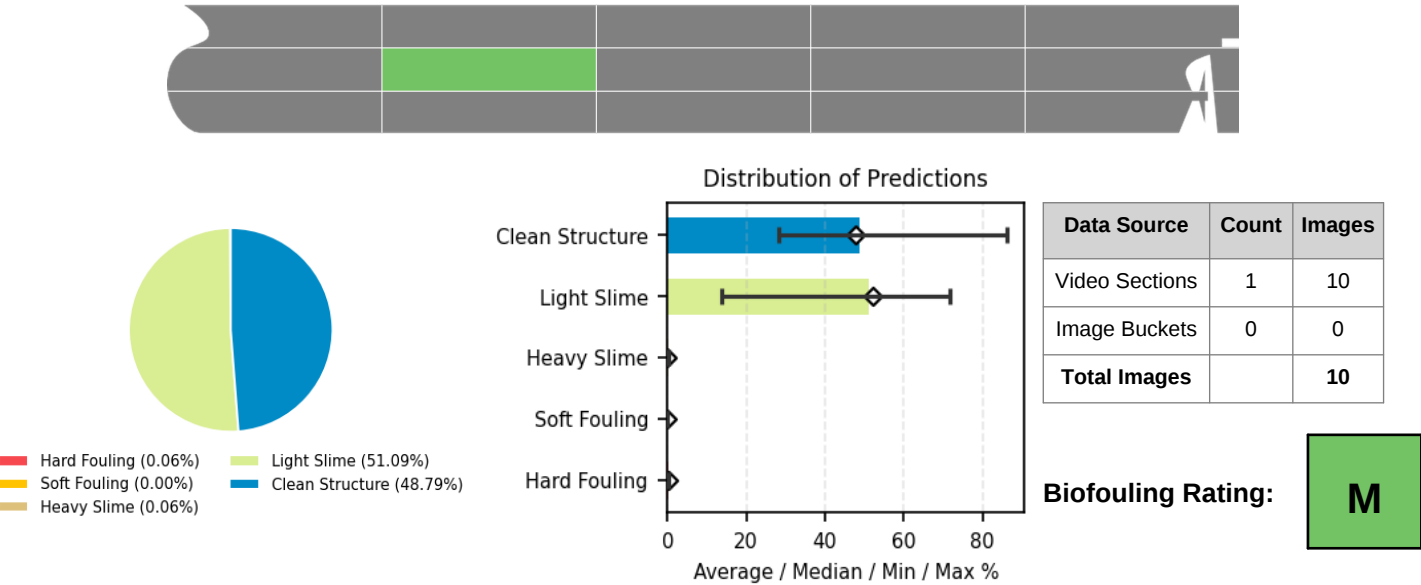
Pre-Cleaning Hull Section Stats: Port Fwd-mid high



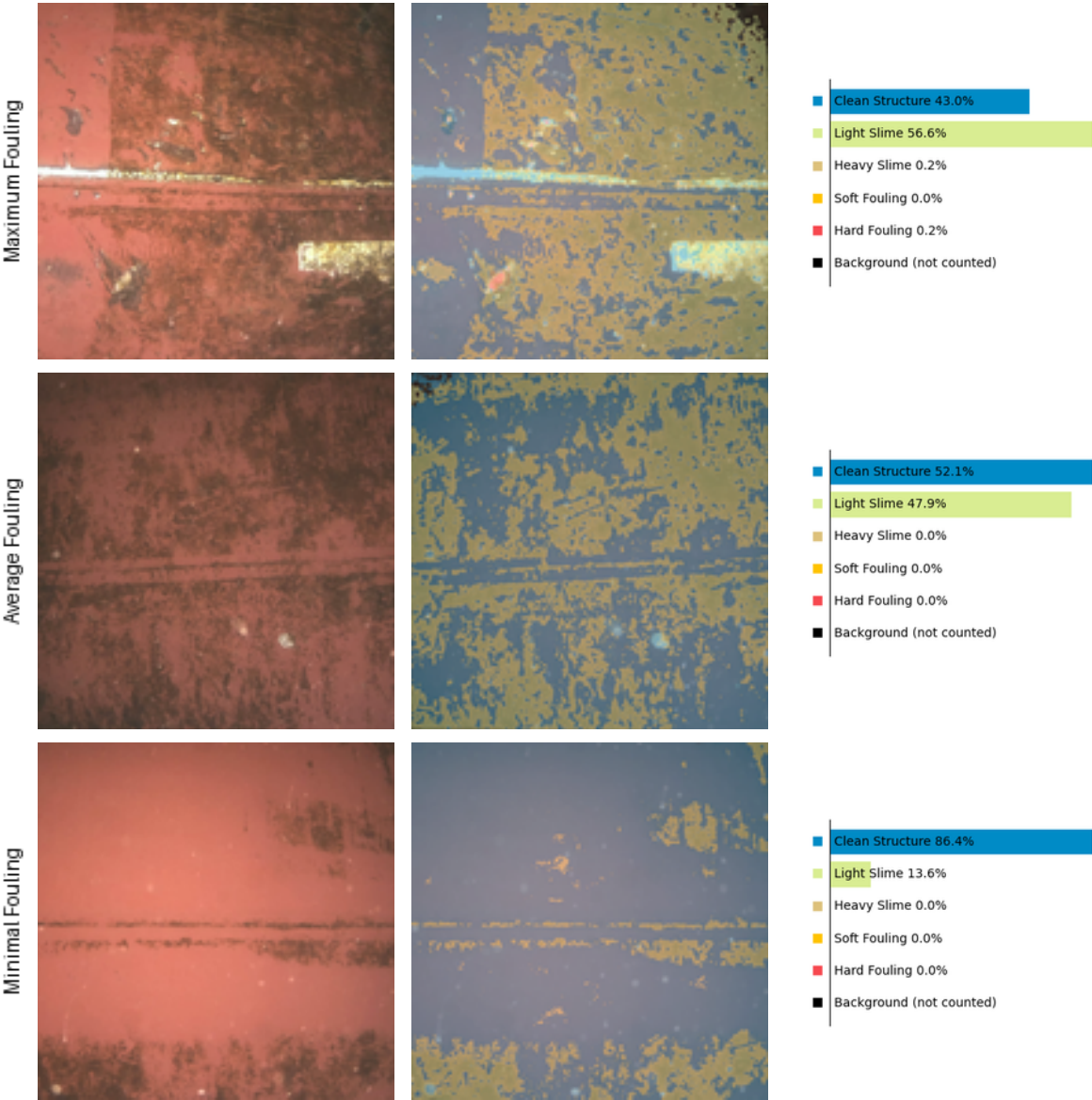
Representative Images:

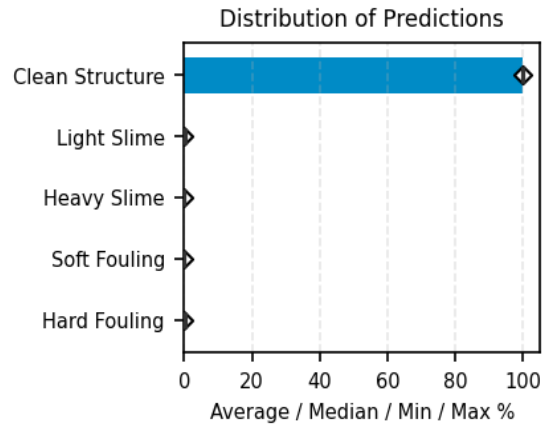


Pre-Cleaning Hull Section Stats: Port Fwd-mid mid



Representative Images:



[illegible]

Data Source	Count	Images
Video Sections	1	16
Image Buckets	0	0
Total Images		16

Biofouling Rating:

0

Maximum Fouling

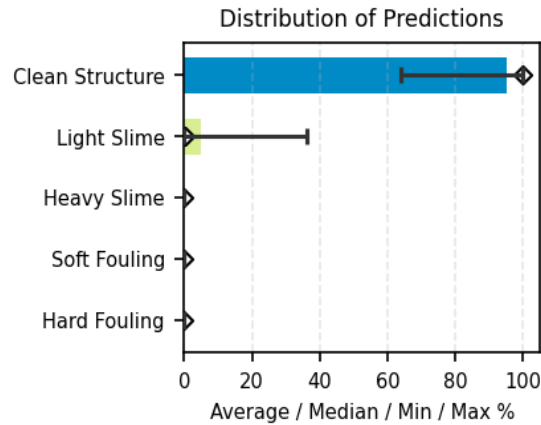
- Clean Structure 99.9%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.1%
- Background (not counted)

Average Fouling

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Minimal Fouling

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)



Data Source	Count	Images
Video Sections	1	14
Image Buckets	0	0
Total Images		14

Biofouling Rating:



Figure 10 displays three rows of images showing the results of the segmentation process for different levels of fouling: Maximum Fouling, Average Fouling, and Minimal Fouling. Each row consists of two images: a raw image (left) and a segmented image (right). The segmented images show the detection of various fouling types and the clean structure.

Maximum Fouling:

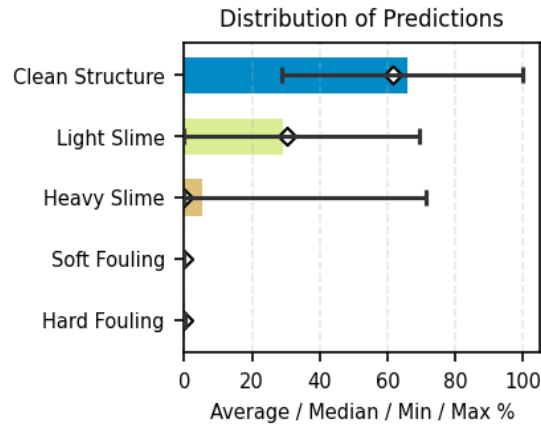
- Clean Structure: 100.0%
- Light Slime: 0.0%
- Heavy Slime: 0.0%
- Soft Fouling: 0.0%
- Hard Fouling: 0.0%
- Background (not counted): 0.0%

Average Fouling:

- Clean Structure: 95.2%
- Light Slime: 4.8%
- Heavy Slime: 0.0%
- Soft Fouling: 0.0%
- Hard Fouling: 0.0%
- Background (not counted): 0.0%

Minimal Fouling:

- Clean Structure: 100.0%
- Light Slime: 0.0%
- Heavy Slime: 0.0%
- Soft Fouling: 0.0%
- Hard Fouling: 0.0%
- Background (not counted): 0.0%



Data Source	Count	Images
Video Sections	2	29
Image Buckets	0	0
Total Images		29

Biofouling Rating:

M

Maximum Fouling

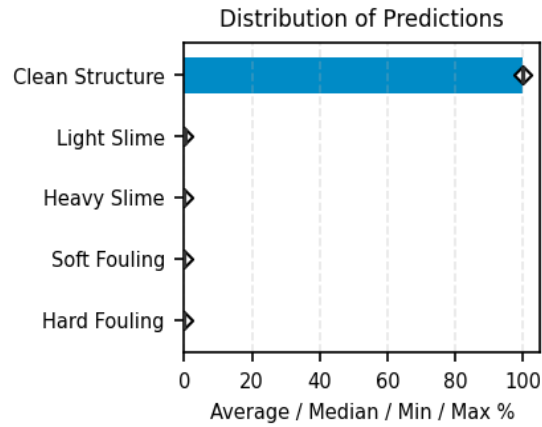
- Clean Structure 49.9%
- Light Slime 49.8%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.2%
- Background (not counted)

Average Fouling

- Clean Structure 67.5%
- Light Slime 30.0%
- Heavy Slime 2.5%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Minimal Fouling

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)



Data Source	Count	Images
Video Sections	1	27
Image Buckets	0	0
Total Images		27

Biofouling Rating:

0

Maximum Fouling

Original Image

Fouling Detection Results

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Average Fouling

Original Image

Fouling Detection Results

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

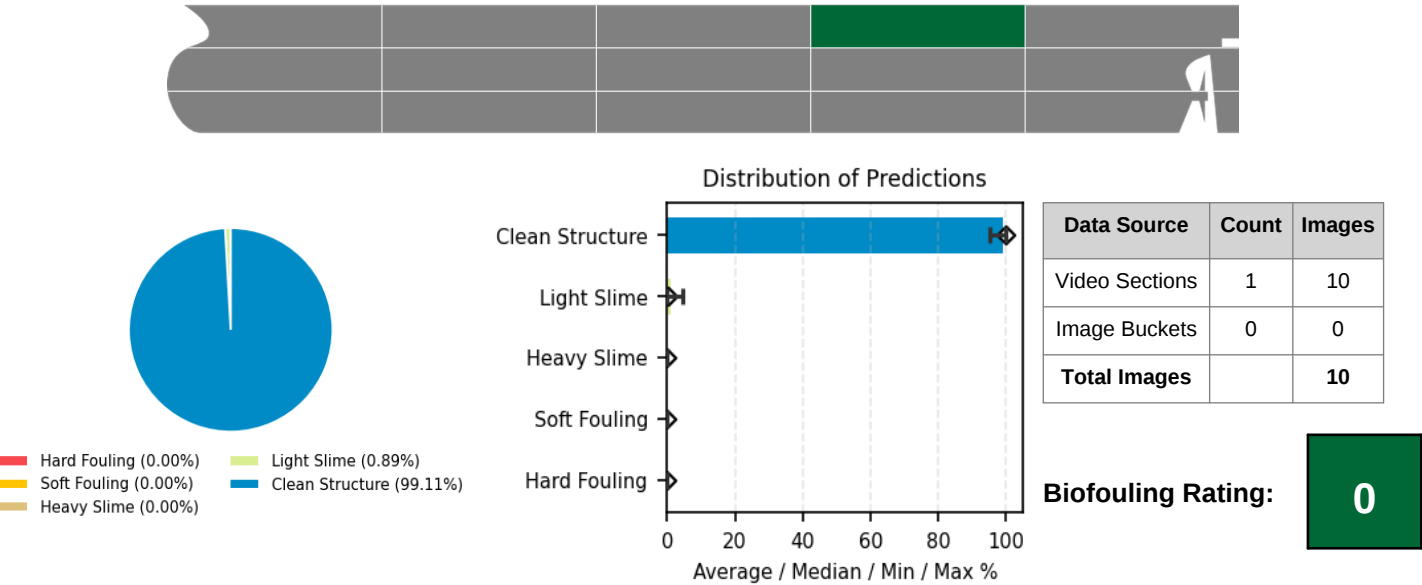
Minimal Fouling

Original Image

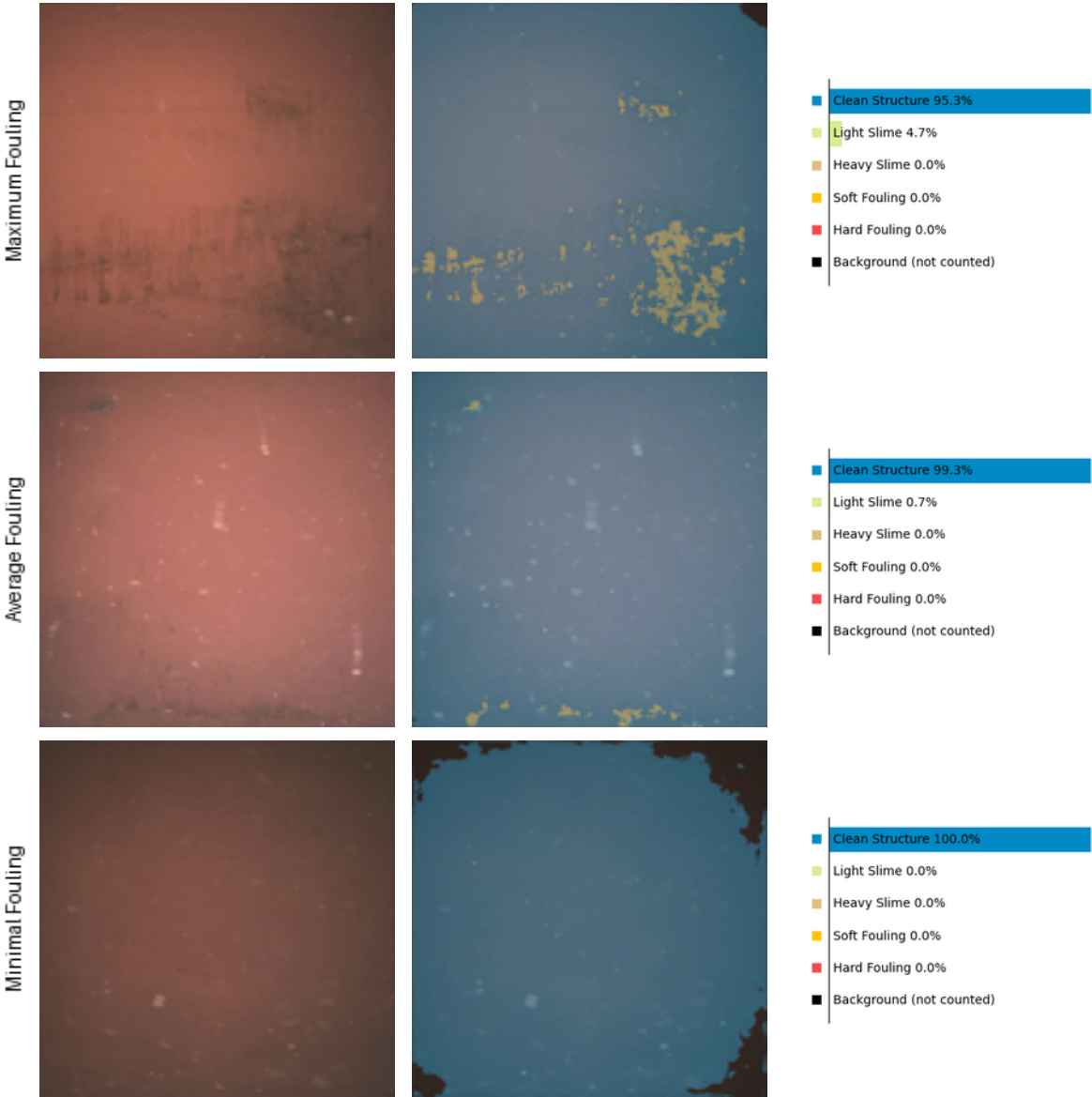
Fouling Detection Results

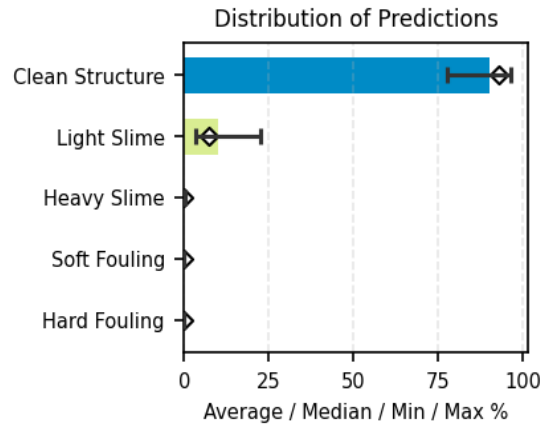
- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Pre-Cleaning Hull Section Stats: Port Aft-mid high



Representative Images:





Data Source	Count	Images
Video Sections	1	14
Image Buckets	0	0
Total Images		14

Biofouling Rating:



Maximum Fouling

Clean Structure	95.9%
Light Slime	4.1%
Heavy Slime	0.0%
Soft Fouling	0.0%
Hard Fouling	0.0%
Background (not counted)	

Average Fouling

Clean Structure	92.6%
Light Slime	7.4%
Heavy Slime	0.0%
Soft Fouling	0.0%
Hard Fouling	0.0%
Background (not counted)	

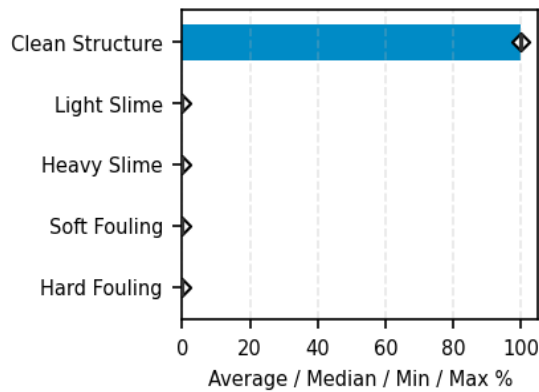
Minimal Fouling

Clean Structure	96.5%
Light Slime	3.5%
Heavy Slime	0.0%
Soft Fouling	0.0%
Hard Fouling	0.0%
Background (not counted)	

Pre-Cleaning Hull Section Stats: Port Aft-mid low



Distribution of Predictions

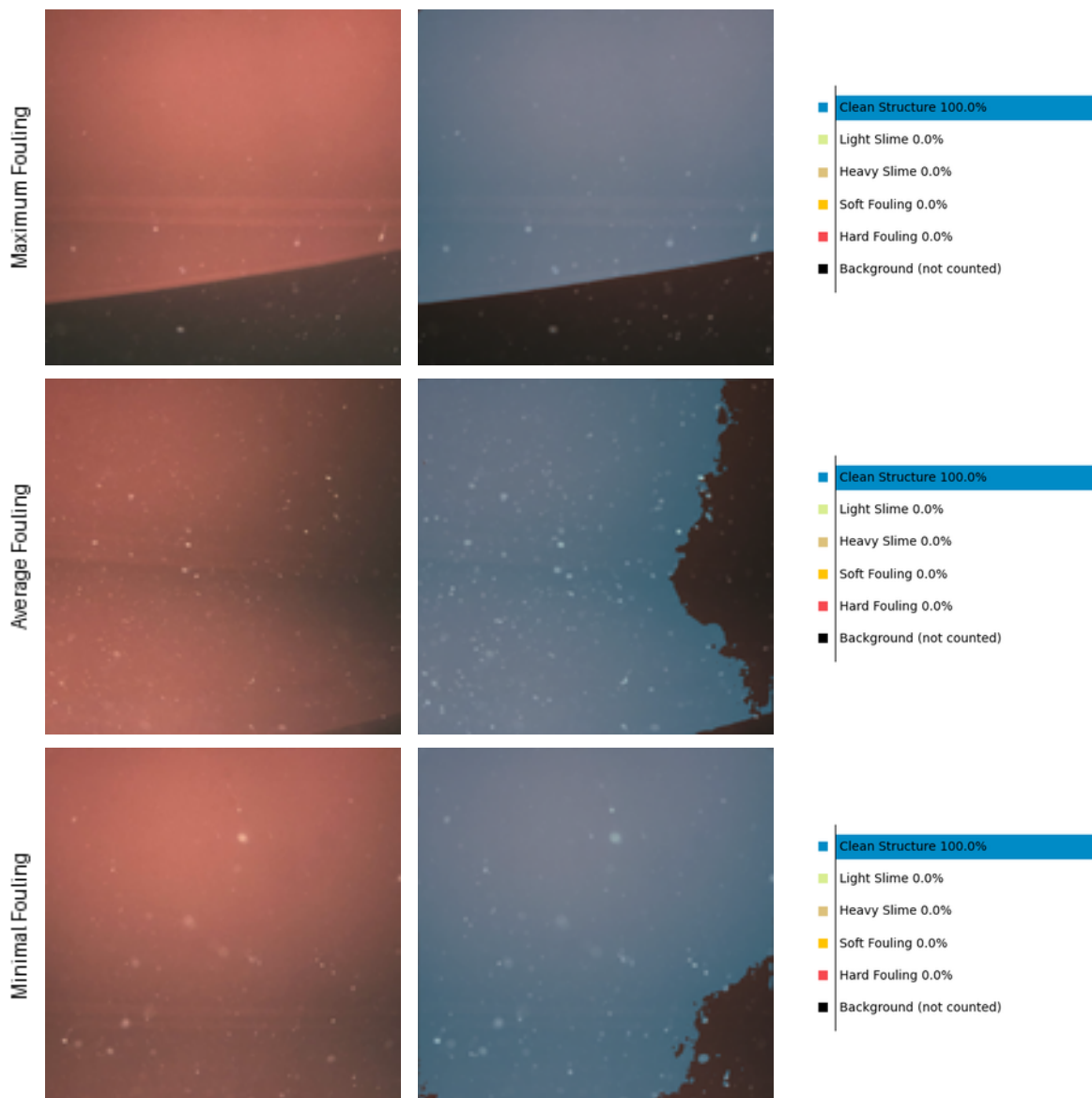


Data Source	Count	Images
Video Sections	1	14
Image Buckets	0	0
Total Images		14

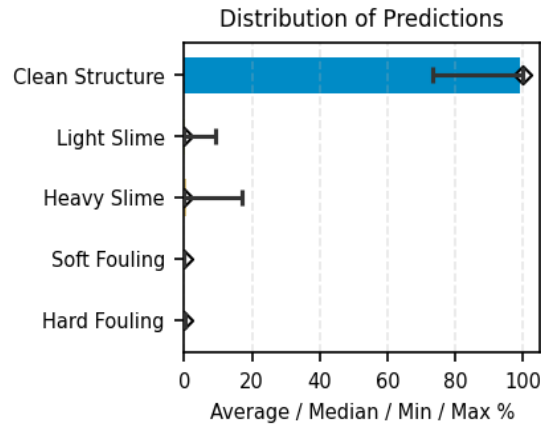
Biofouling Rating:

0

Representative Images:



R					



Data Source	Count	Images
Video Sections	1	26
Image Buckets	0	0
Total Images		26

Biofouling Rating:



Maximum Fouling

- Clean Structure 73.4%
- Light Slime 9.3%
- Heavy Slime 17.1%
- Soft Fouling 0.0%
- Hard Fouling 0.2%
- Background (not counted)

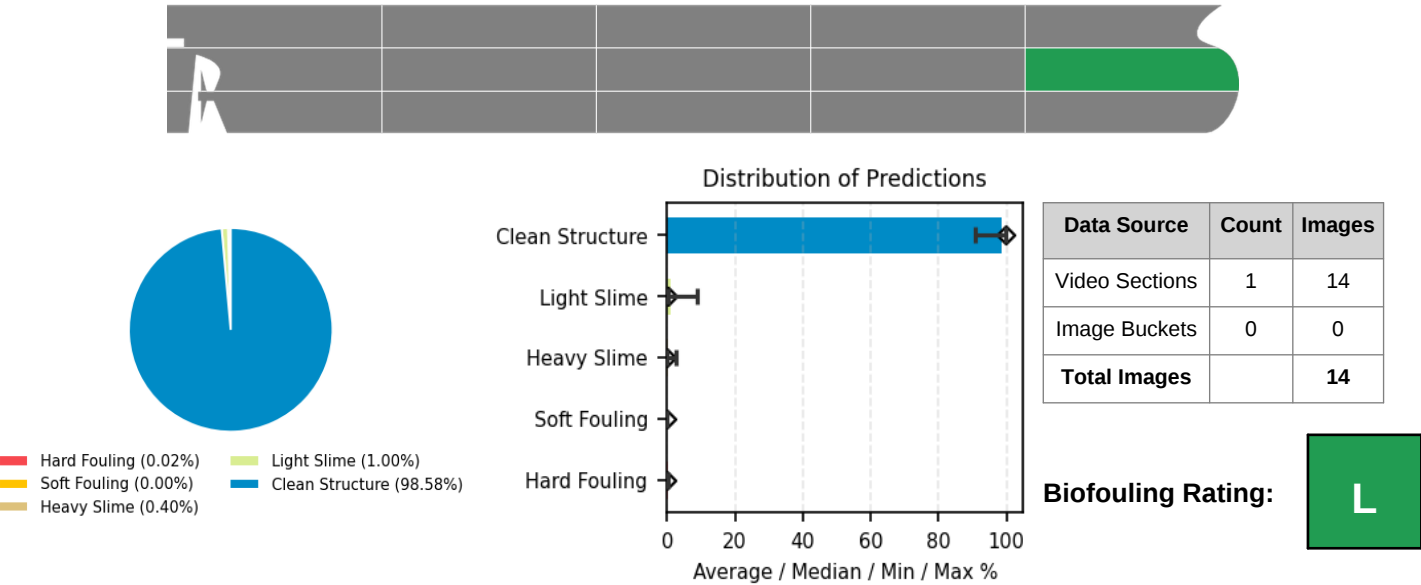
Average Fouling

- Clean Structure 98.3%
- Light Slime 0.1%
- Heavy Slime 1.6%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

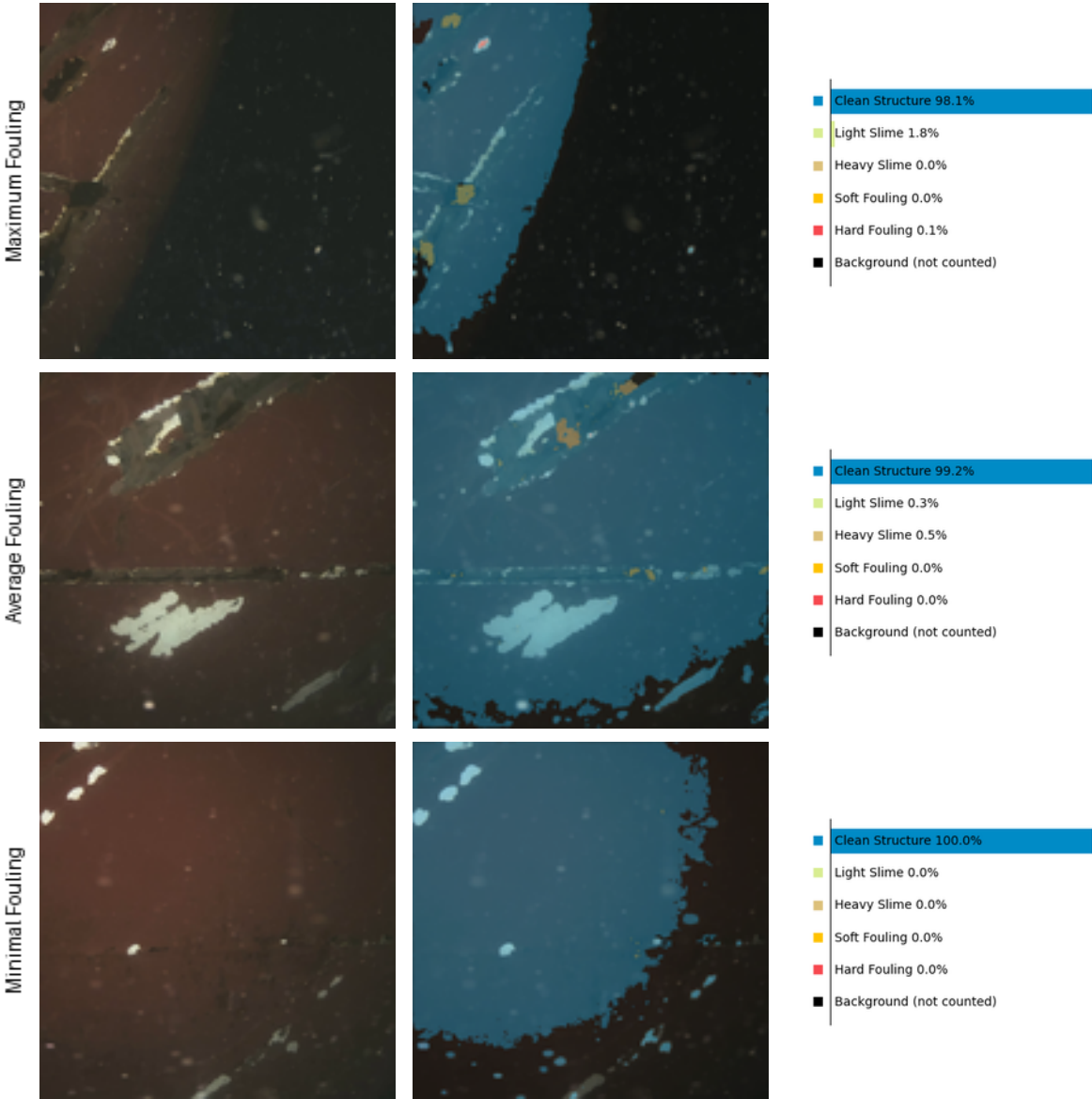
Minimal Fouling

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

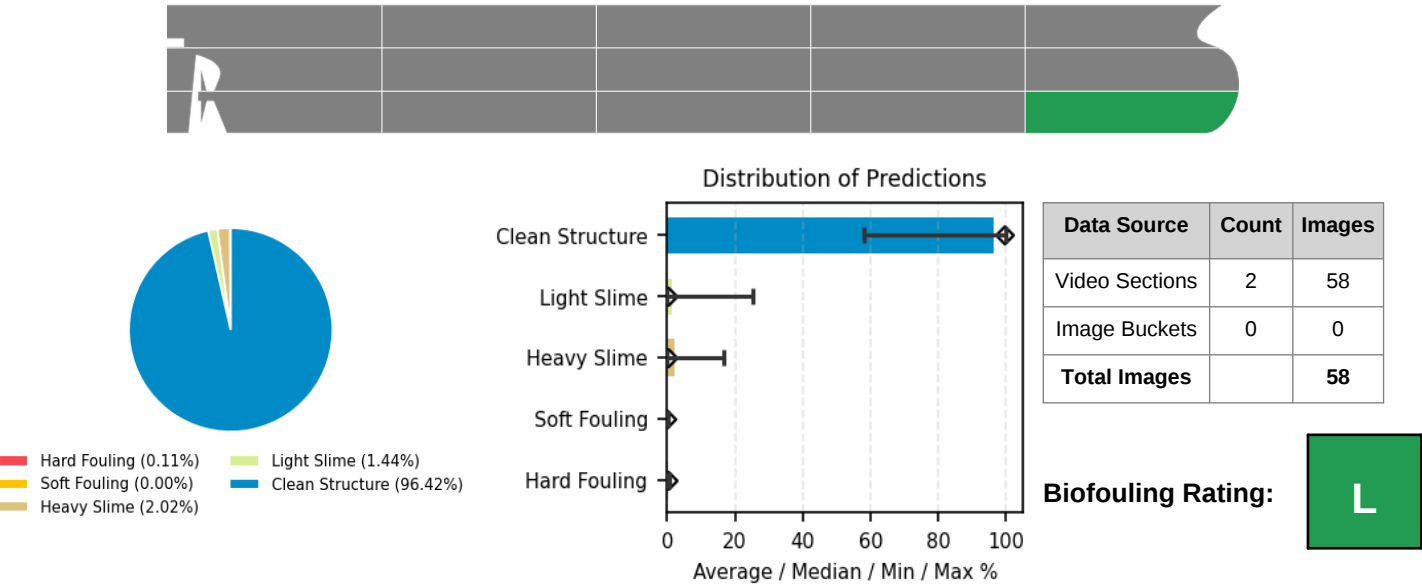
Pre-Cleaning Hull Section Stats: Starboard Bow mid



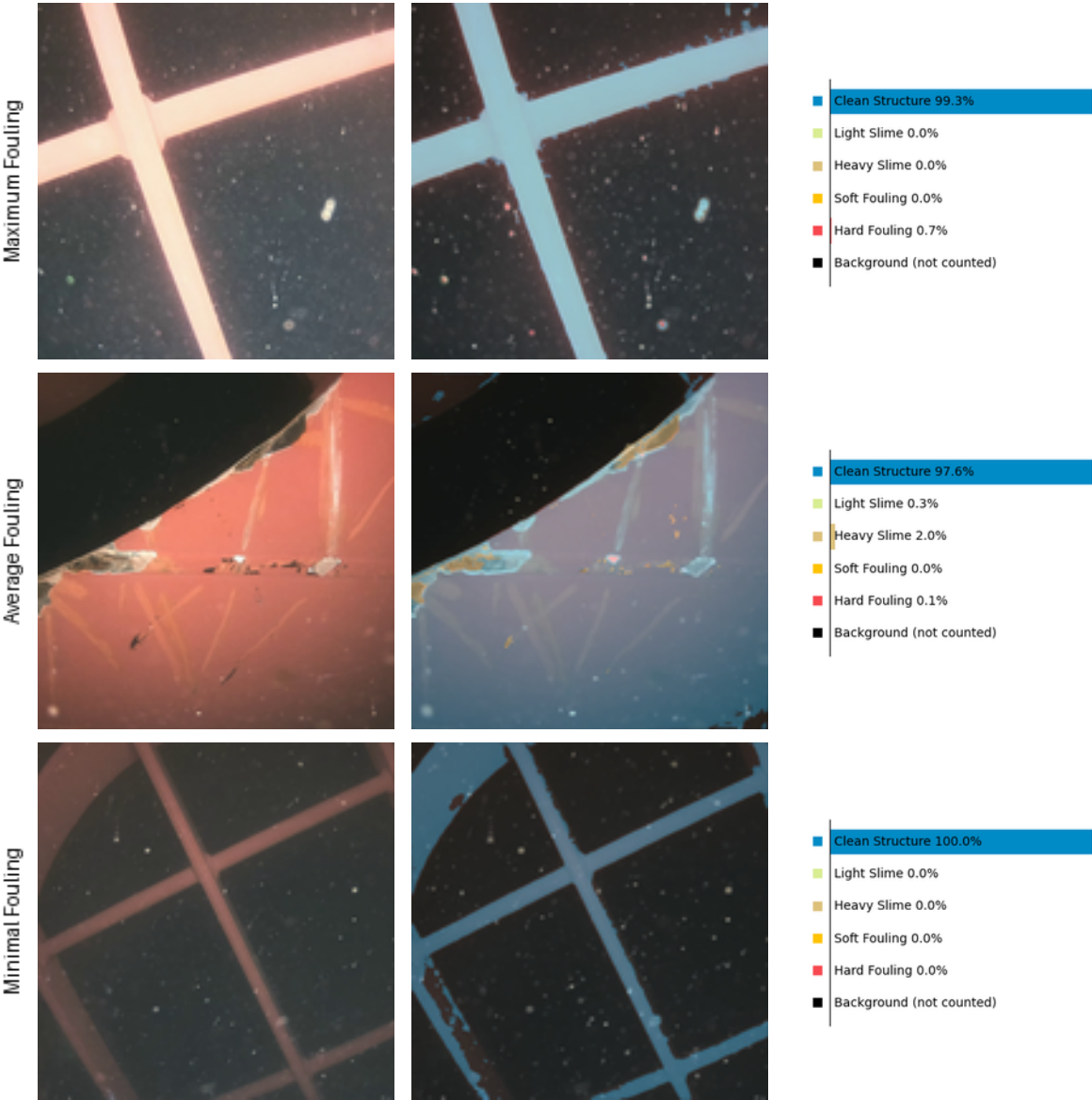
Representative Images:



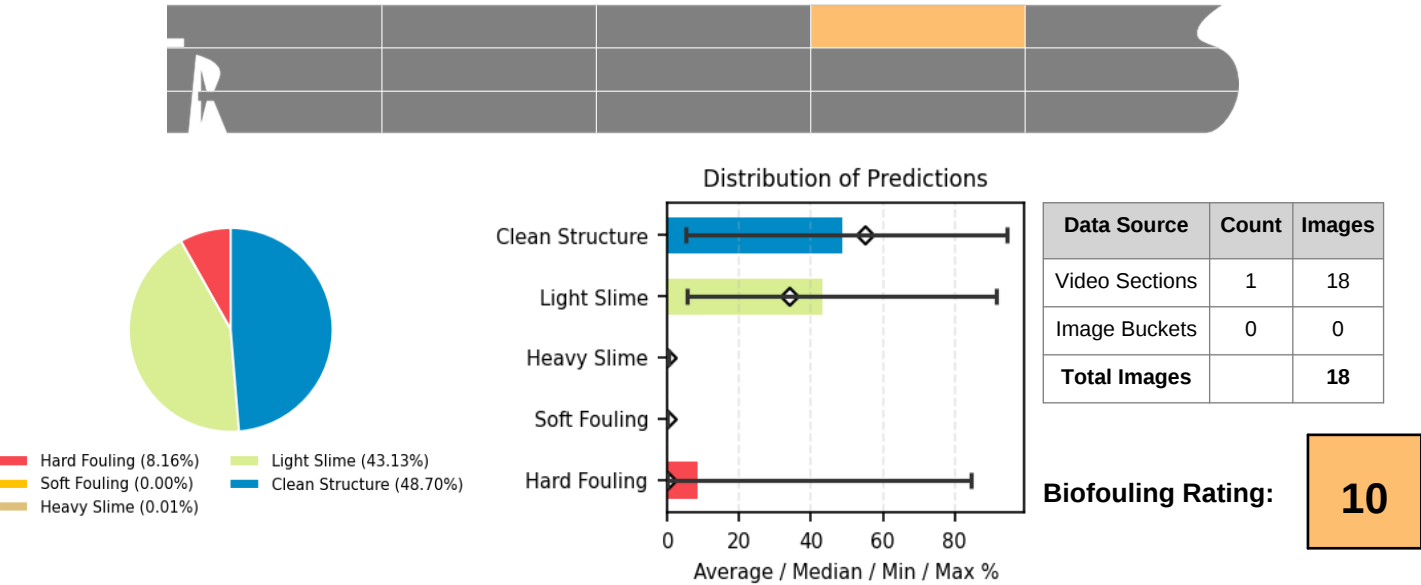
Pre-Cleaning Hull Section Stats: Starboard Bow low



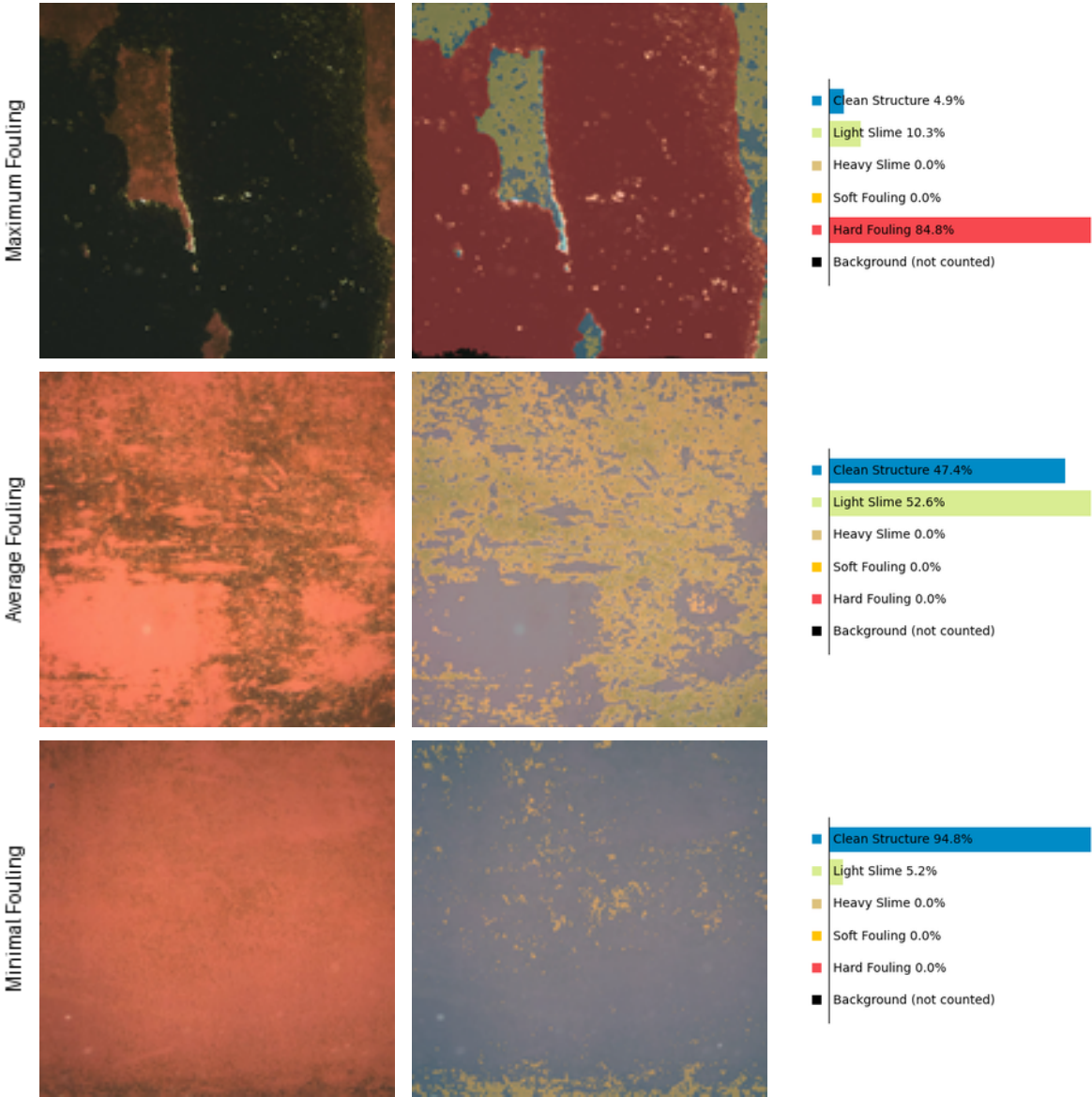
Representative Images:



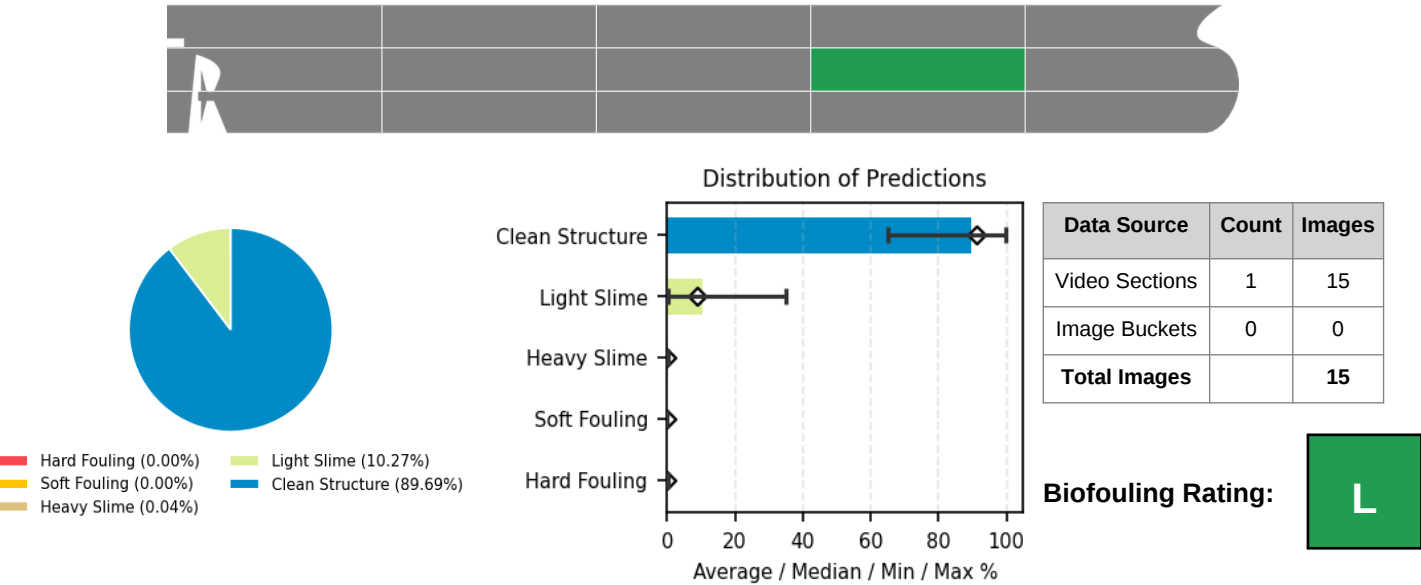
Pre-Cleaning Hull Section Stats: Starboard Fwd-mid high



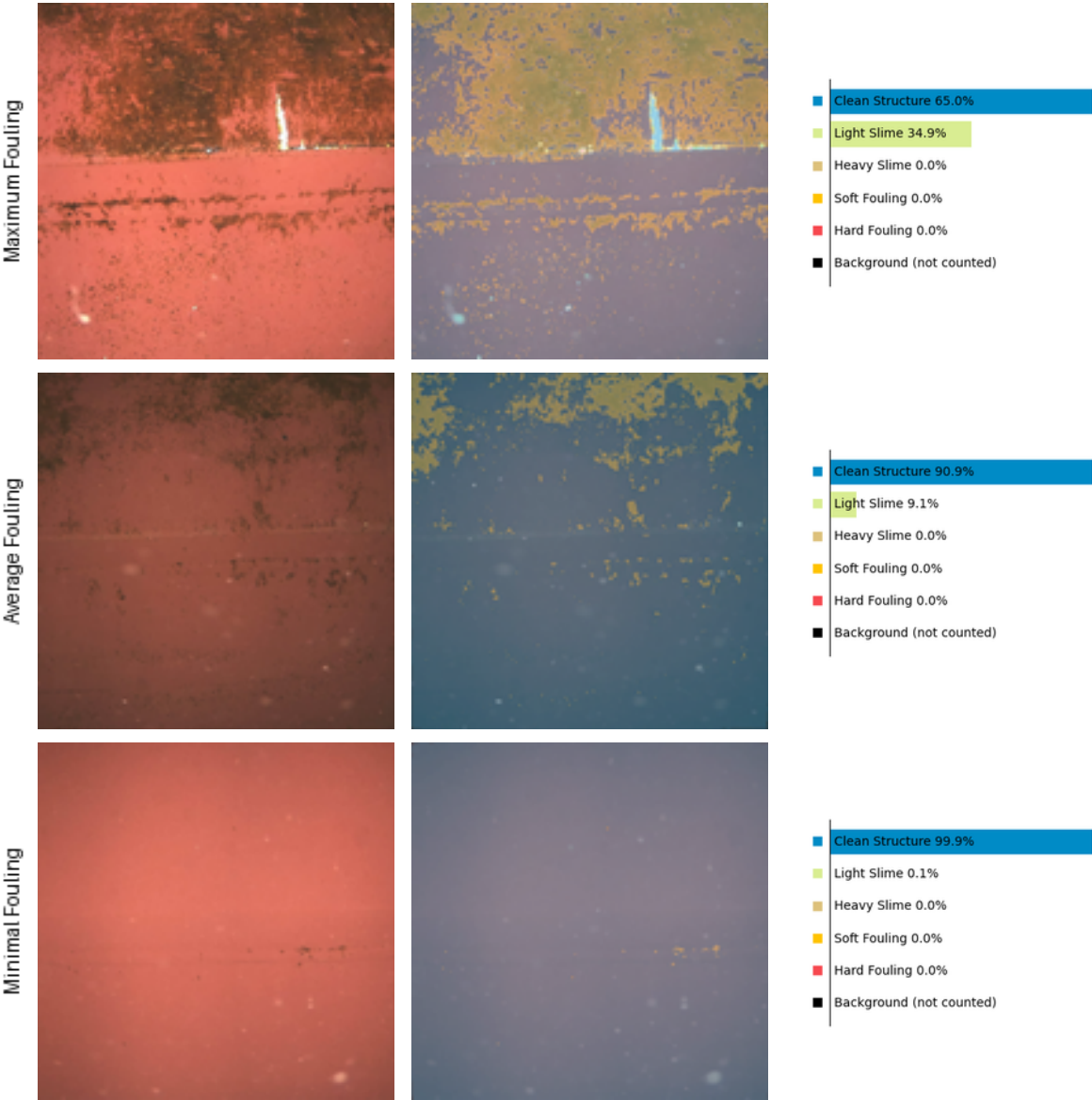
Representative Images:



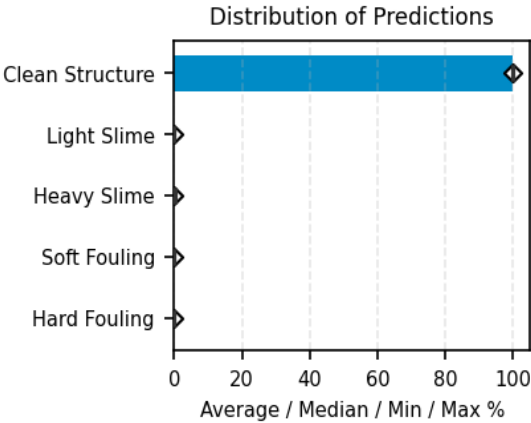
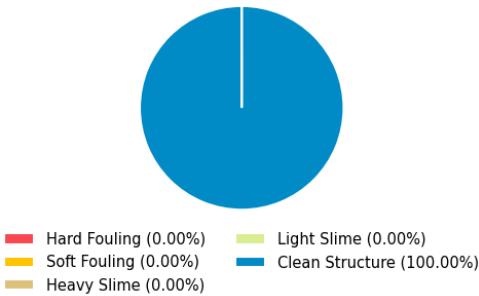
Pre-Cleaning Hull Section Stats: Starboard Fwd-mid mid



Representative Images:



Pre-Cleaning Hull Section Stats: Starboard Fwd-mid low



Data Source	Count	Images
Video Sections	1	20
Image Buckets	0	0
Total Images		20

Biofouling Rating:

0

Representative Images:

Maximum Fouling

Clean Structure 100.0%

Light Slime 0.0%

Heavy Slime 0.0%

Soft Fouling 0.0%

Hard Fouling 0.0%

Background (not counted)

Average Fouling

Clean Structure 100.0%

Light Slime 0.0%

Heavy Slime 0.0%

Soft Fouling 0.0%

Hard Fouling 0.0%

Background (not counted)

Minimal Fouling

Clean Structure 100.0%

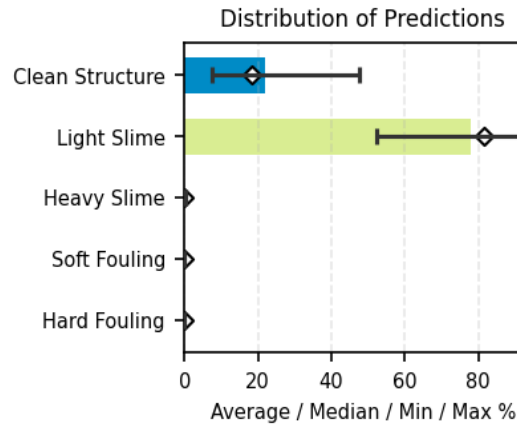
Light Slime 0.0%

Heavy Slime 0.0%

Soft Fouling 0.0%

Hard Fouling 0.0%

Background (not counted)



Data Source	Count	Images
Video Sections	1	20
Image Buckets	0	0
Total Images		20

Biofouling Rating:

M

Maximum Fouling

- Clean Structure 26.3%
- Light Slime 73.6%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

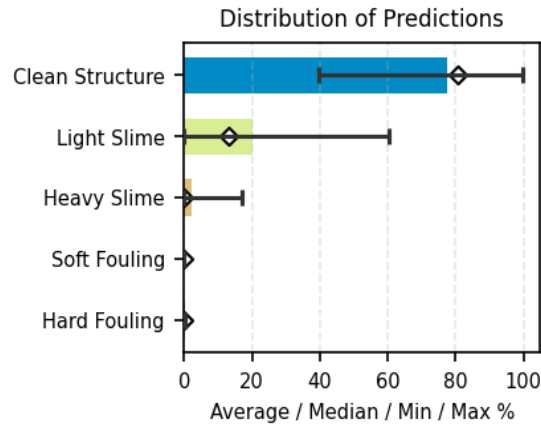
Average Fouling

- Clean Structure 21.7%
- Light Slime 78.3%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Minimal Fouling

- Clean Structure 47.7%
- Light Slime 52.2%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

R				



Data Source	Count	Images
Video Sections	2	28
Image Buckets	0	0
Total Images		28

Biofouling Rating:

M

Maximum Fouling

- Clean Structure 84.0%
- Light Slime 8.8%
- Heavy Slime 6.8%
- Soft Fouling 0.0%
- Hard Fouling 0.3%
- Background (not counted)

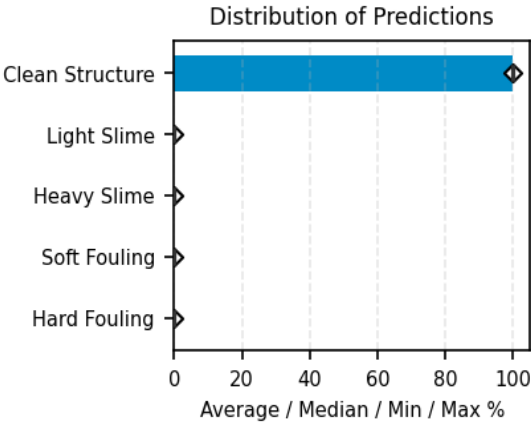
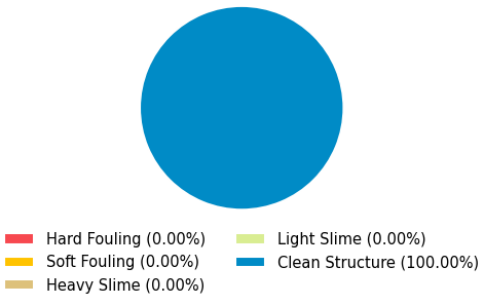
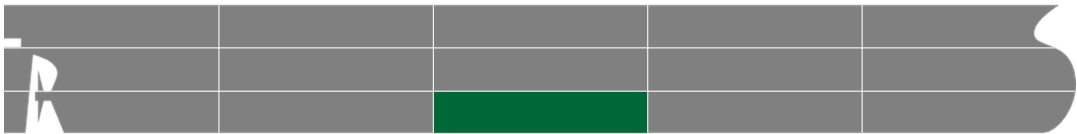
Average Fouling

- Clean Structure 78.9%
- Light Slime 17.1%
- Heavy Slime 3.8%
- Soft Fouling 0.0%
- Hard Fouling 0.1%
- Background (not counted)

Minimal Fouling

- Clean Structure 100.0%
- Light Slime 0.1%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Pre-Cleaning Hull Section Stats: Starboard Midship low

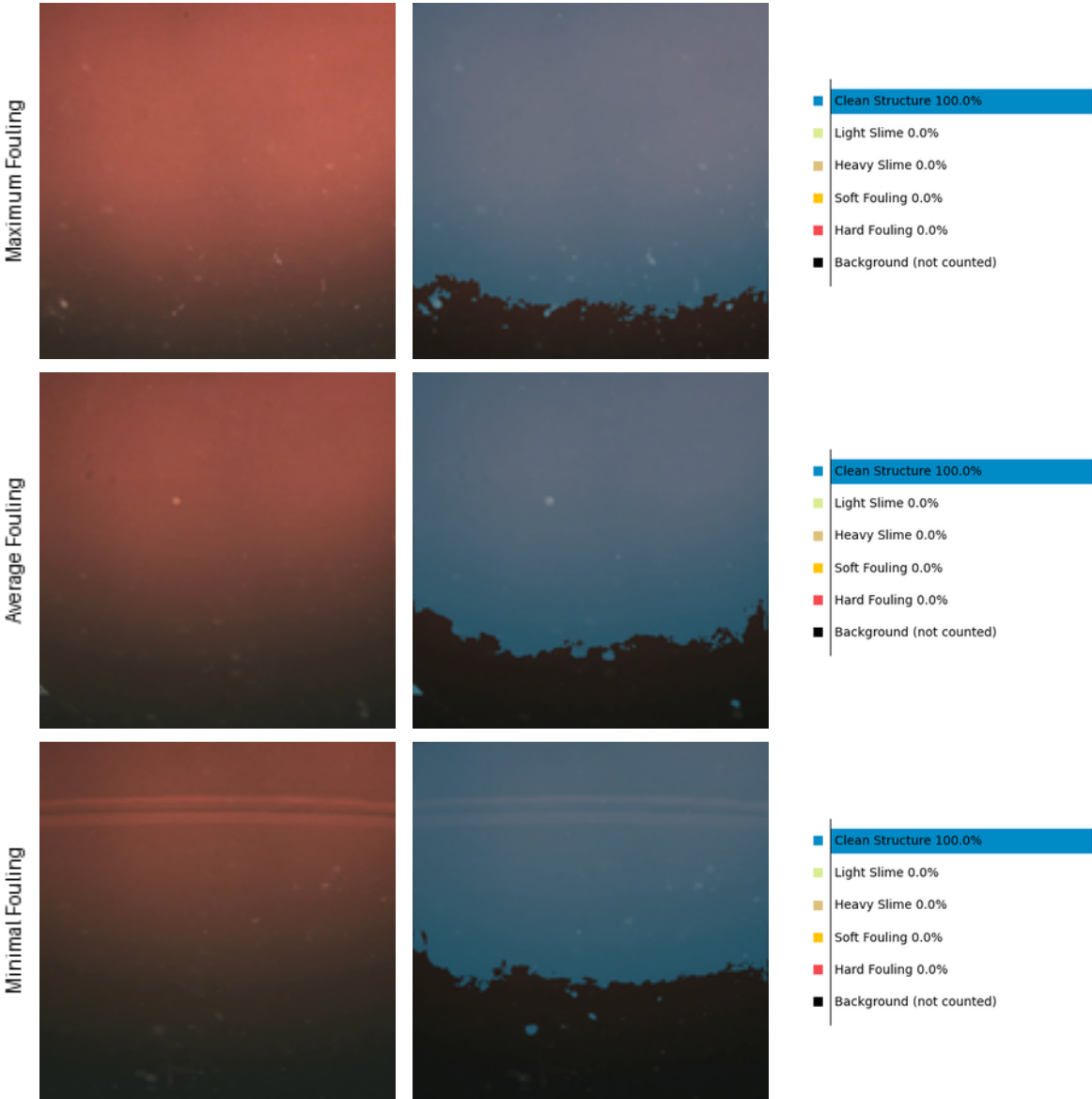


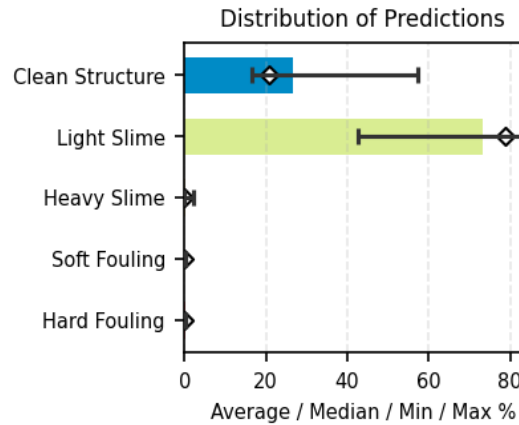
Data Source	Count	Images
Video Sections	1	23
Image Buckets	0	0
Total Images		23

Biofouling Rating:

0

Representative Images:





Data Source	Count	Images
Video Sections	1	11
Image Buckets	0	0
Total Images		11

Biofouling Rating:

M

Maximum Fouling

- Clean Structure 21.0%
- Light Slime 78.9%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.1%
- Background (not counted)

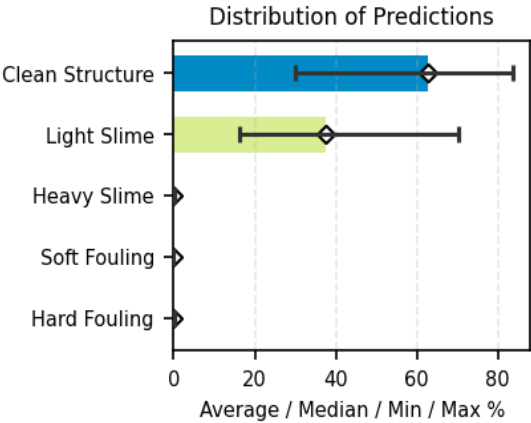
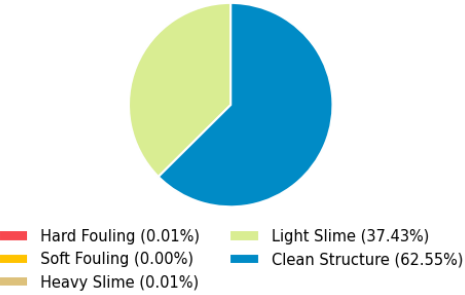
Average Fouling

- Clean Structure 27.0%
- Light Slime 73.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Minimal Fouling

- Clean Structure 57.2%
- Light Slime 42.8%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Pre-Cleaning Hull Section Stats: Starboard Aft-mid mid



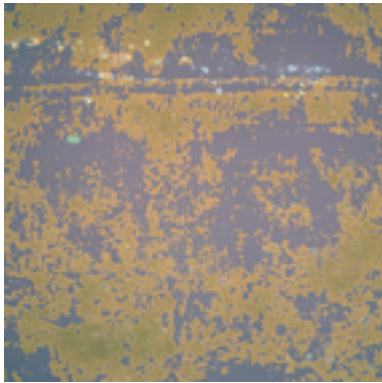
Data Source	Count	Images
Video Sections	1	14
Image Buckets	0	0
Total Images		14

Biofouling Rating:

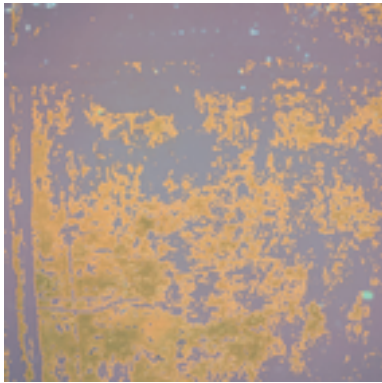
M

Representative Images:

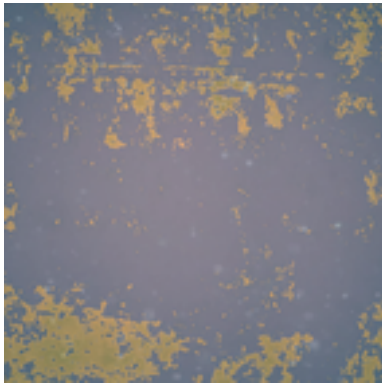
Maximum Fouling



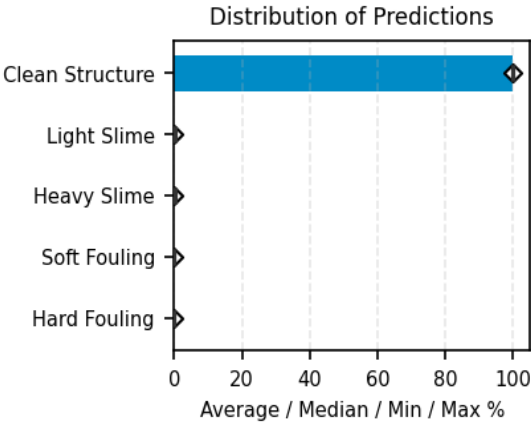
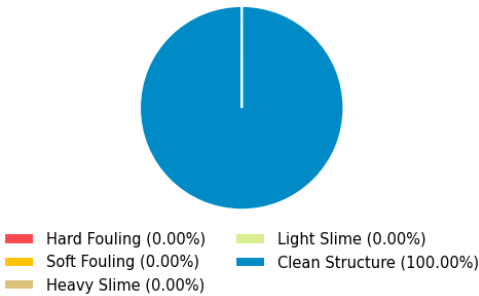
Average Fouling



Minimal Fouling



Pre-Cleaning Hull Section Stats: Starboard Aft-mid low

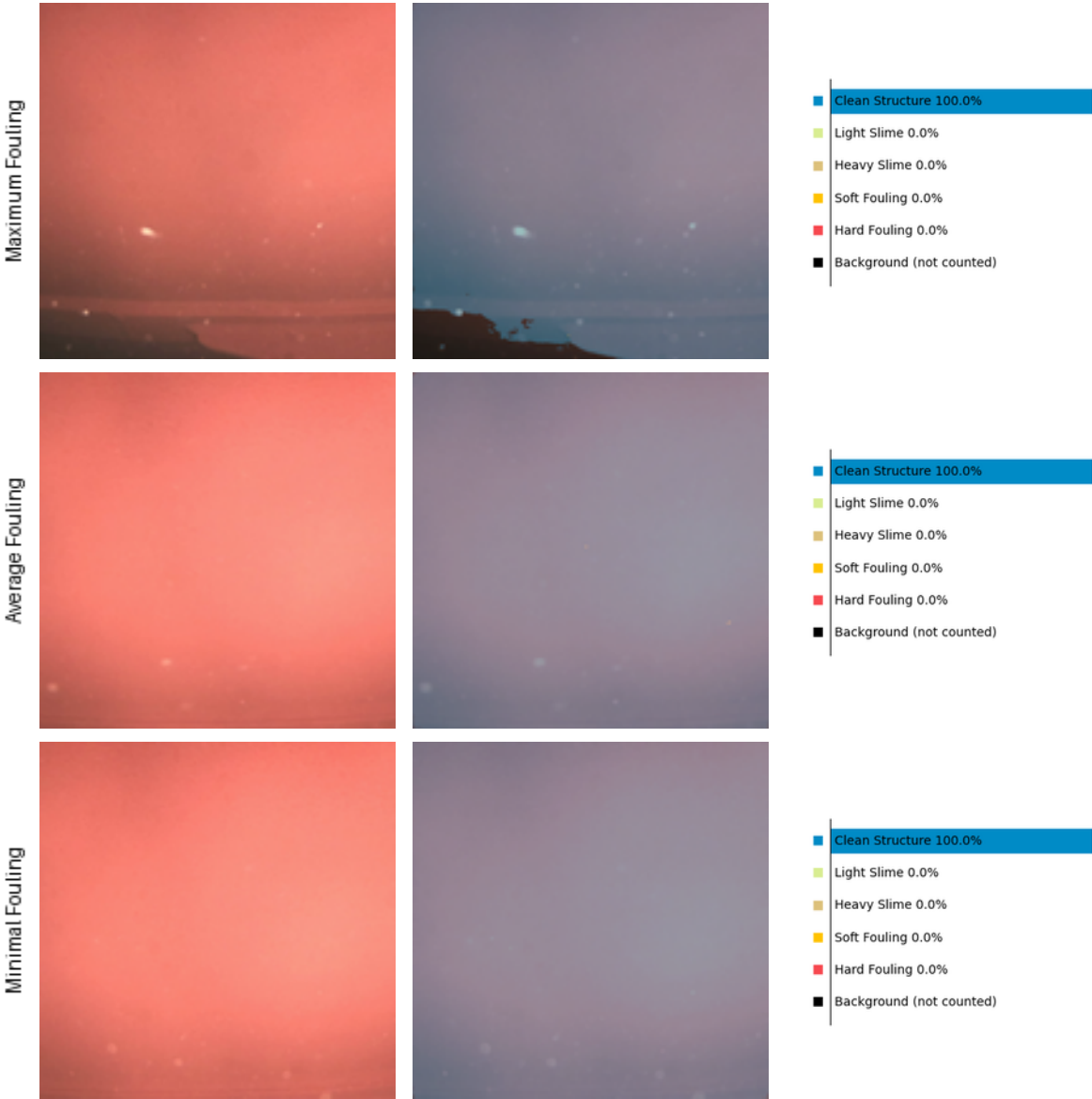


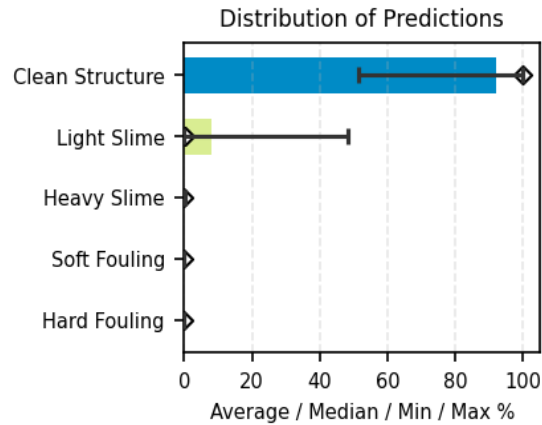
Data Source	Count	Images
Video Sections	1	24
Image Buckets	0	0
Total Images		24

Biofouling Rating:

0

Representative Images:



[illegible]

Data Source	Count	Images
Video Sections	1	21
Image Buckets	0	0
Total Images		21

Biofouling Rating:



Maximum Fouling

- Clean Structure 61.2%
- Light Slime 38.8%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

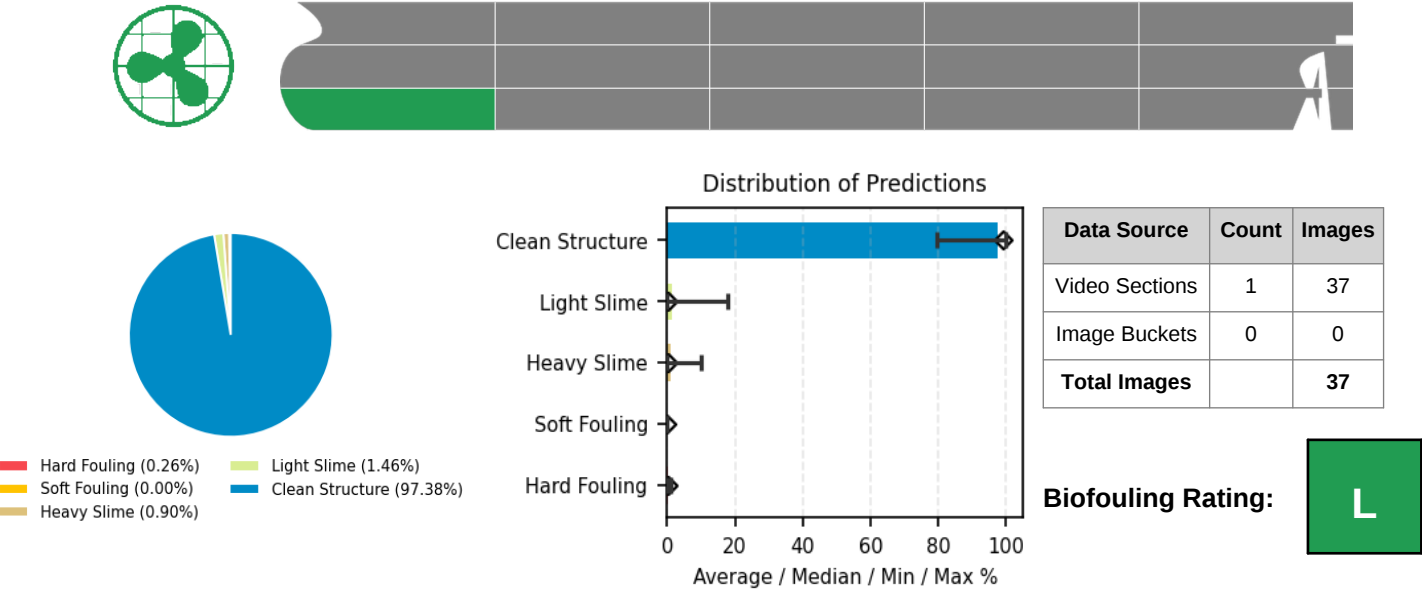
Average Fouling

- Clean Structure 96.0%
- Light Slime 3.9%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

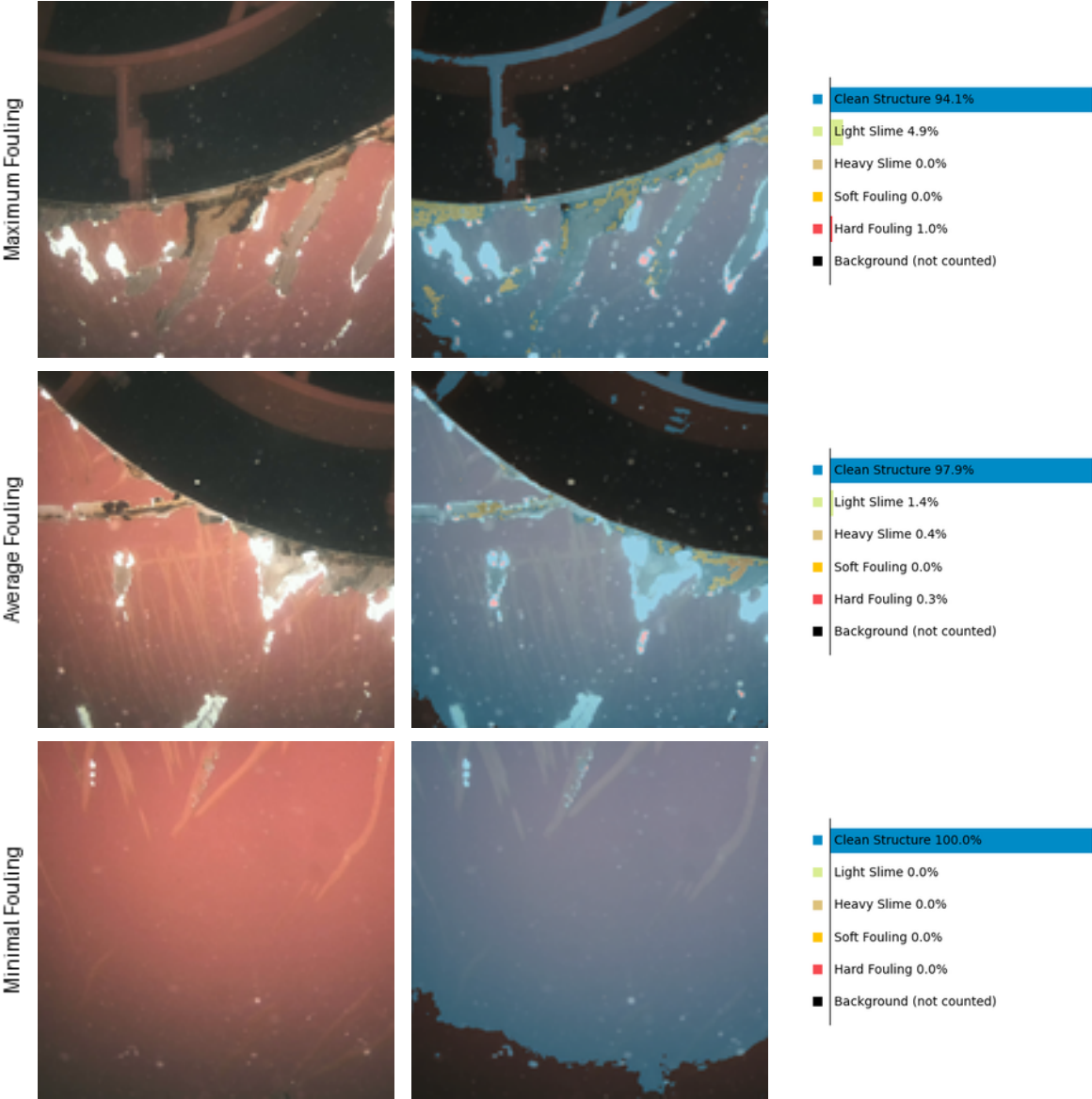
Minimal Fouling

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

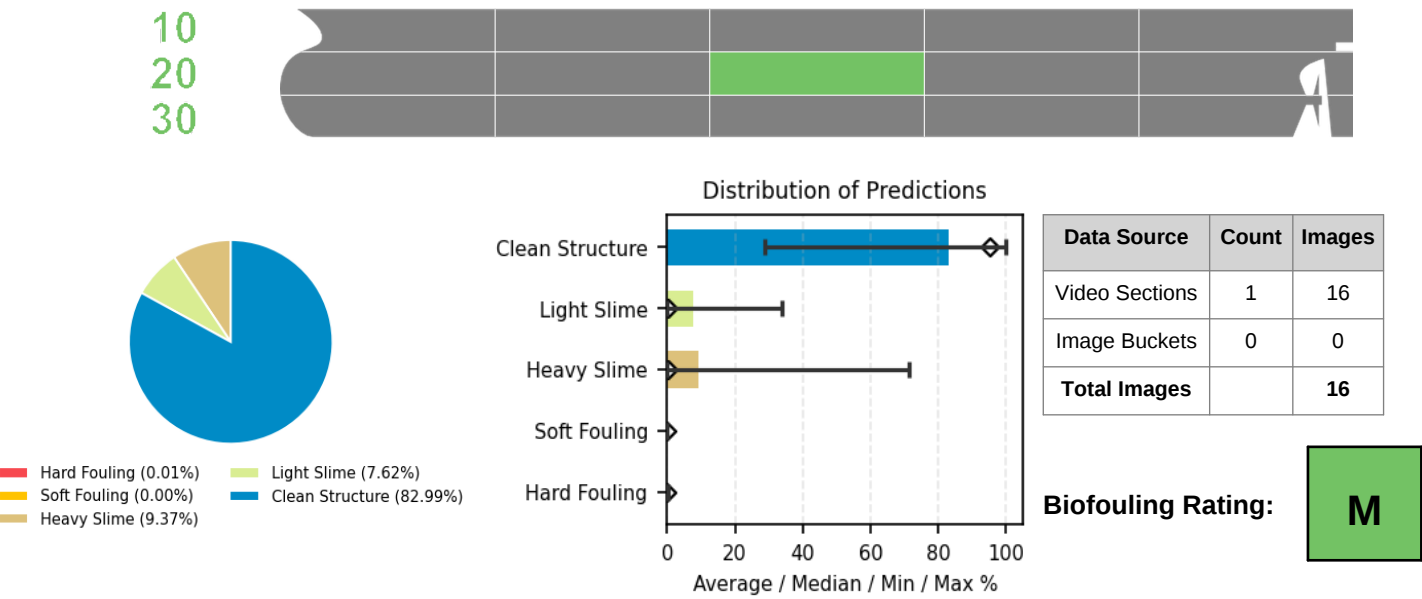
Pre-Cleaning Niche Area Stats: Port Bow Thruster



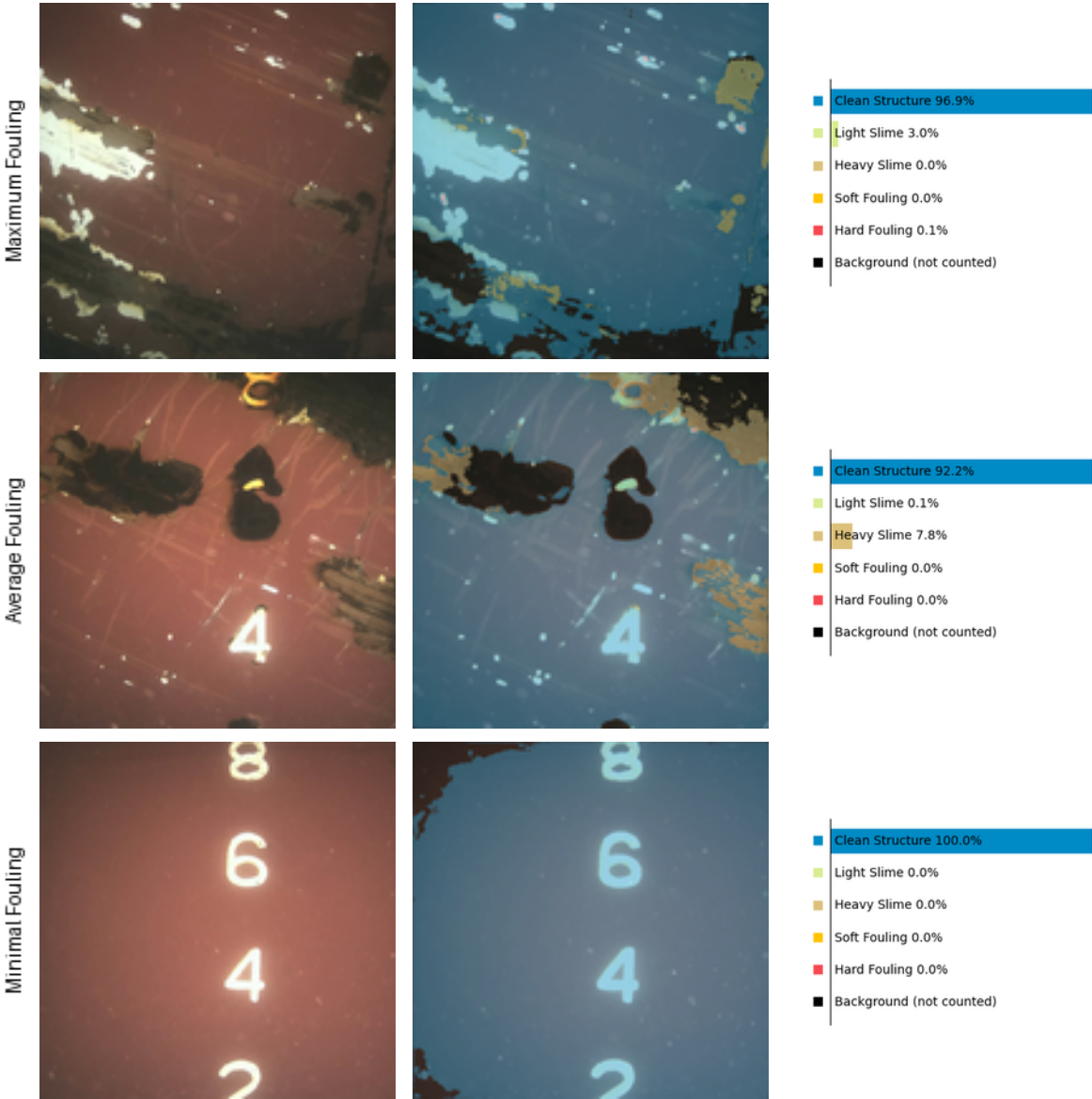
Representative Images:



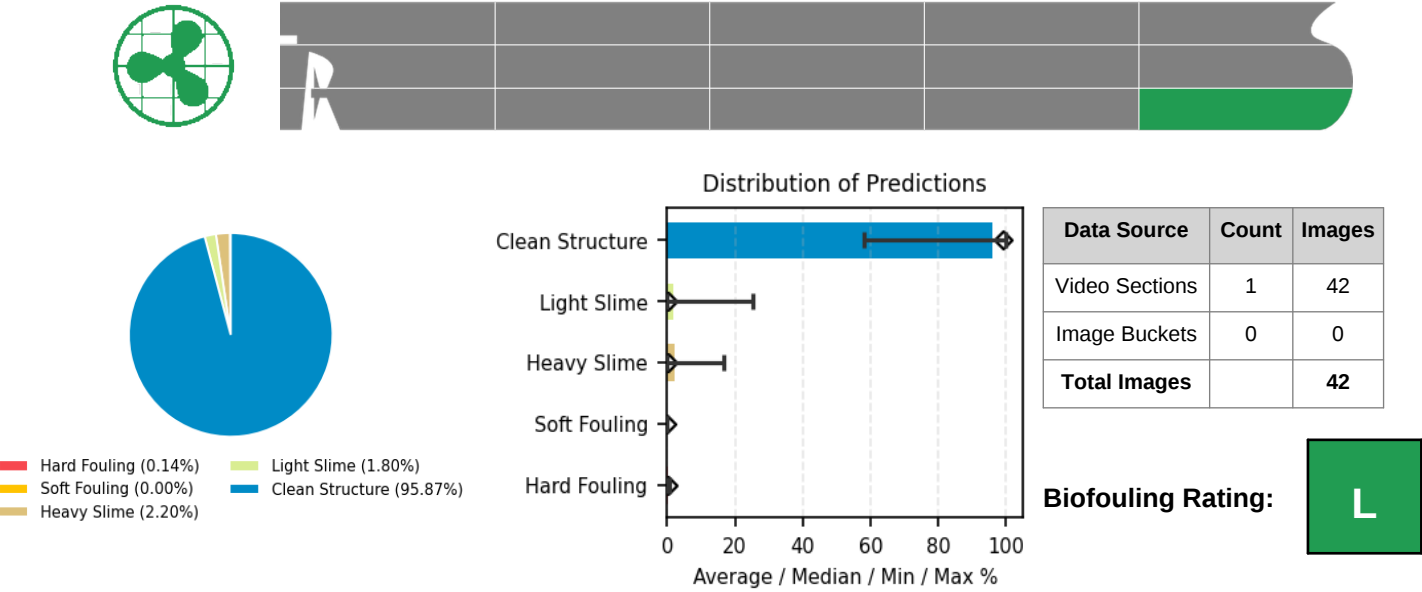
Pre-Cleaning Niche Area Stats: Port Draught



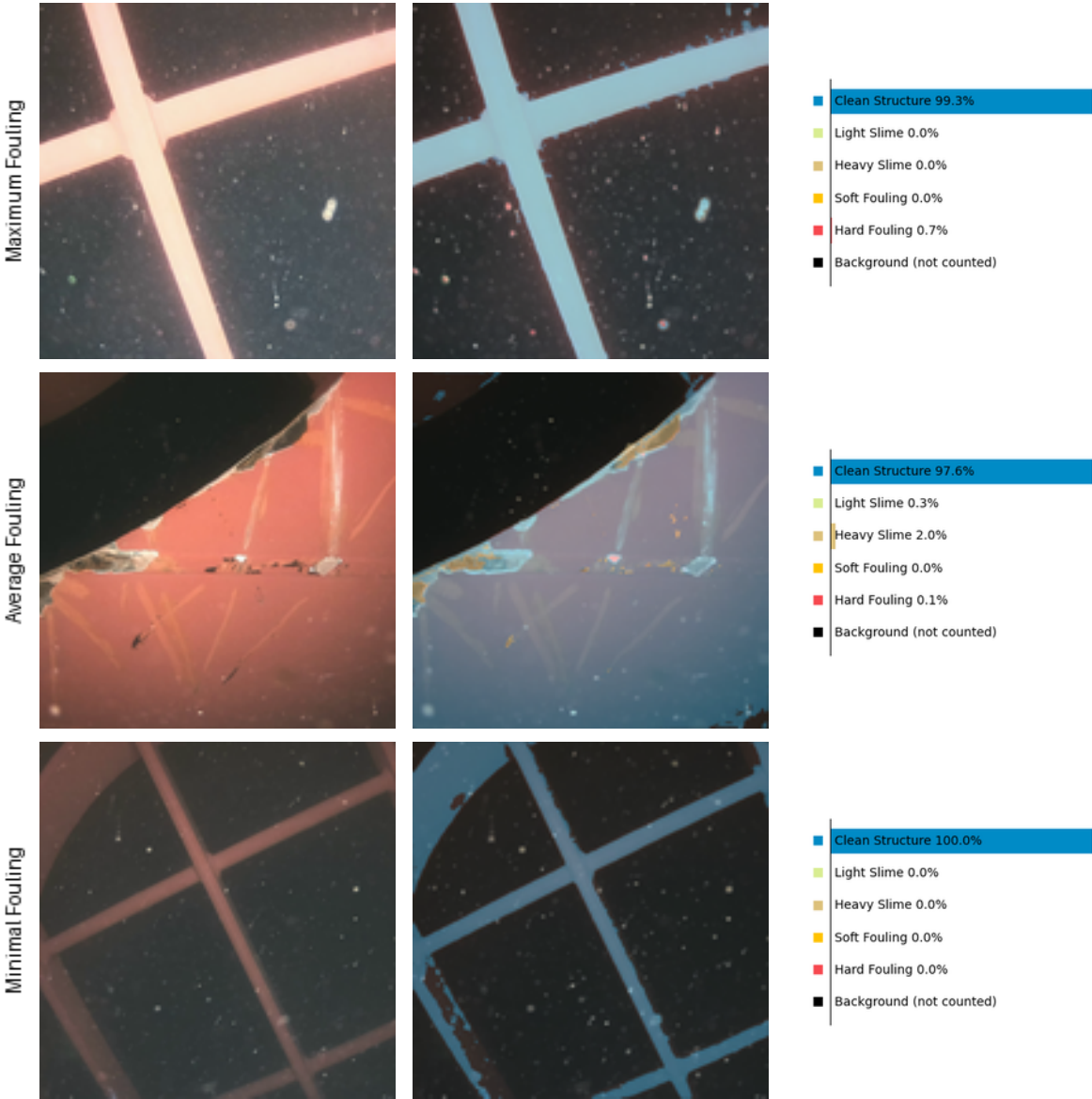
Representative Images:



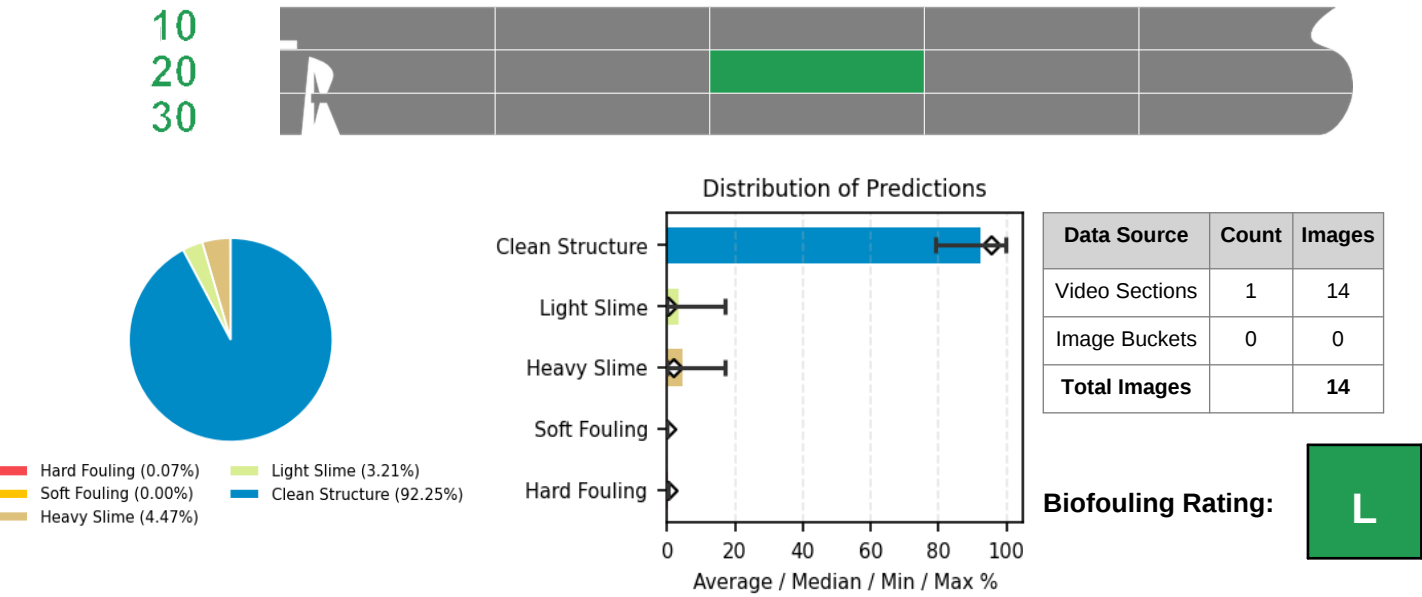
Pre-Cleaning Niche Area Stats: Starboard Bow Thruster



Representative Images:

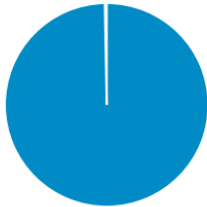


Pre-Cleaning Niche Area Stats: Starboard Draught

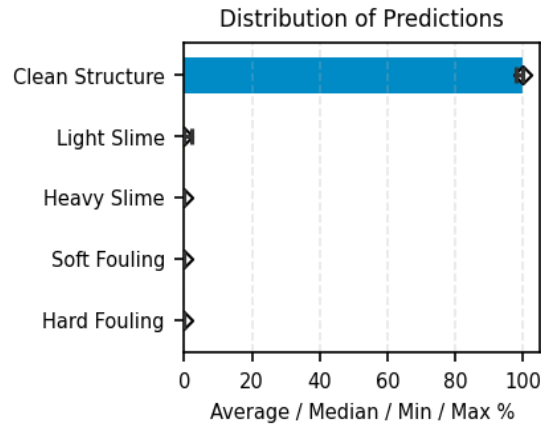


Post-Cleaning Analysis Details

Post-Cleaning Hull Section Stats: Port Bow high



Hard Fouling (0.00%) Light Slime (0.29%)
Soft Fouling (0.00%) Clean Structure (99.71%)
Heavy Slime (0.00%)

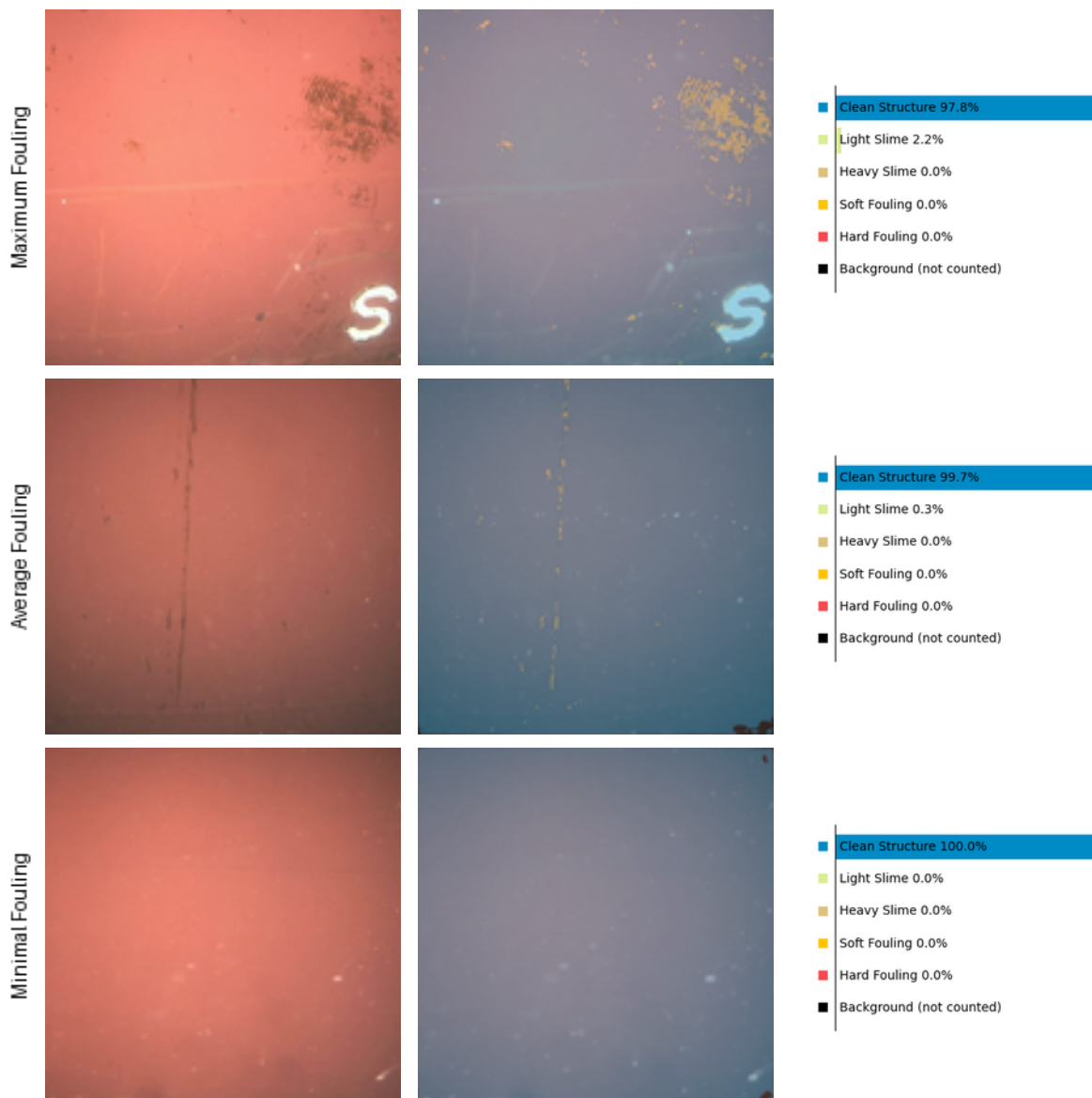


Data Source	Count	Images
Video Sections	1	17
Image Buckets	0	0
Total Images		17

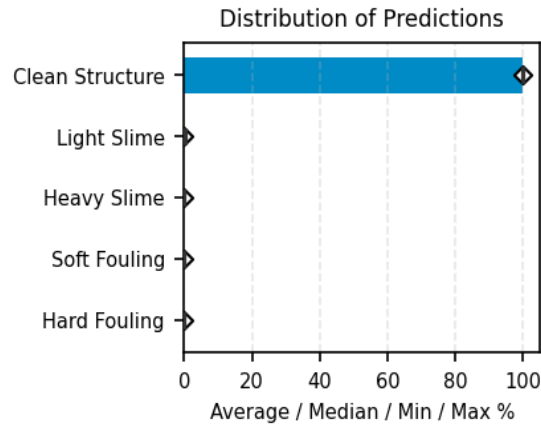
Biofouling Rating:

0

Representative Images:



Age Group	Percentage
18-24	15%
25-34	15%
35-44	15%
45-54	15%
55-64	15%
65-74	15%
75-84	15%
85+	15%



Data Source	Count	Images
Video Sections	1	16
Image Buckets	0	0
Total Images		16

Biofouling Rating:

0

Figure 10 displays three rows of images showing the fouling status of a structure, categorized by the level of fouling: Maximum Fouling, Average Fouling, and Minimal Fouling. Each row contains two side-by-side images: a red-tinted image on the left and a blue-tinted image on the right. To the right of each row is a legend indicating the percentage of different fouling types present.

Maximum Fouling

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

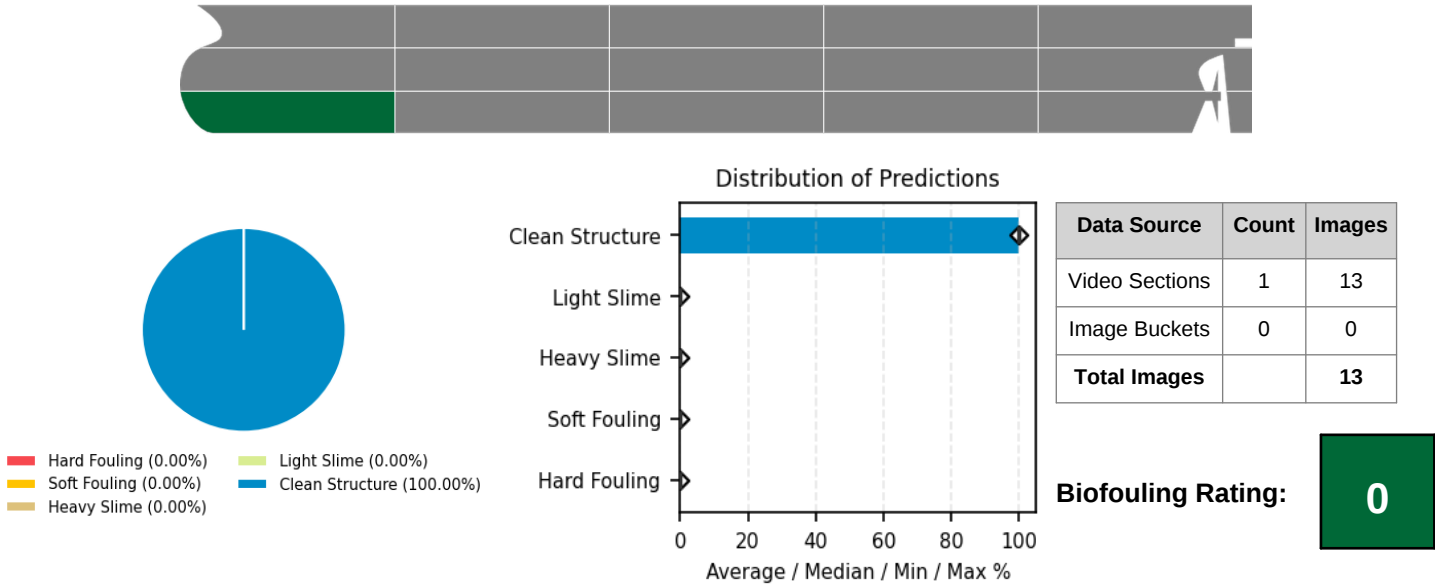
Average Fouling

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

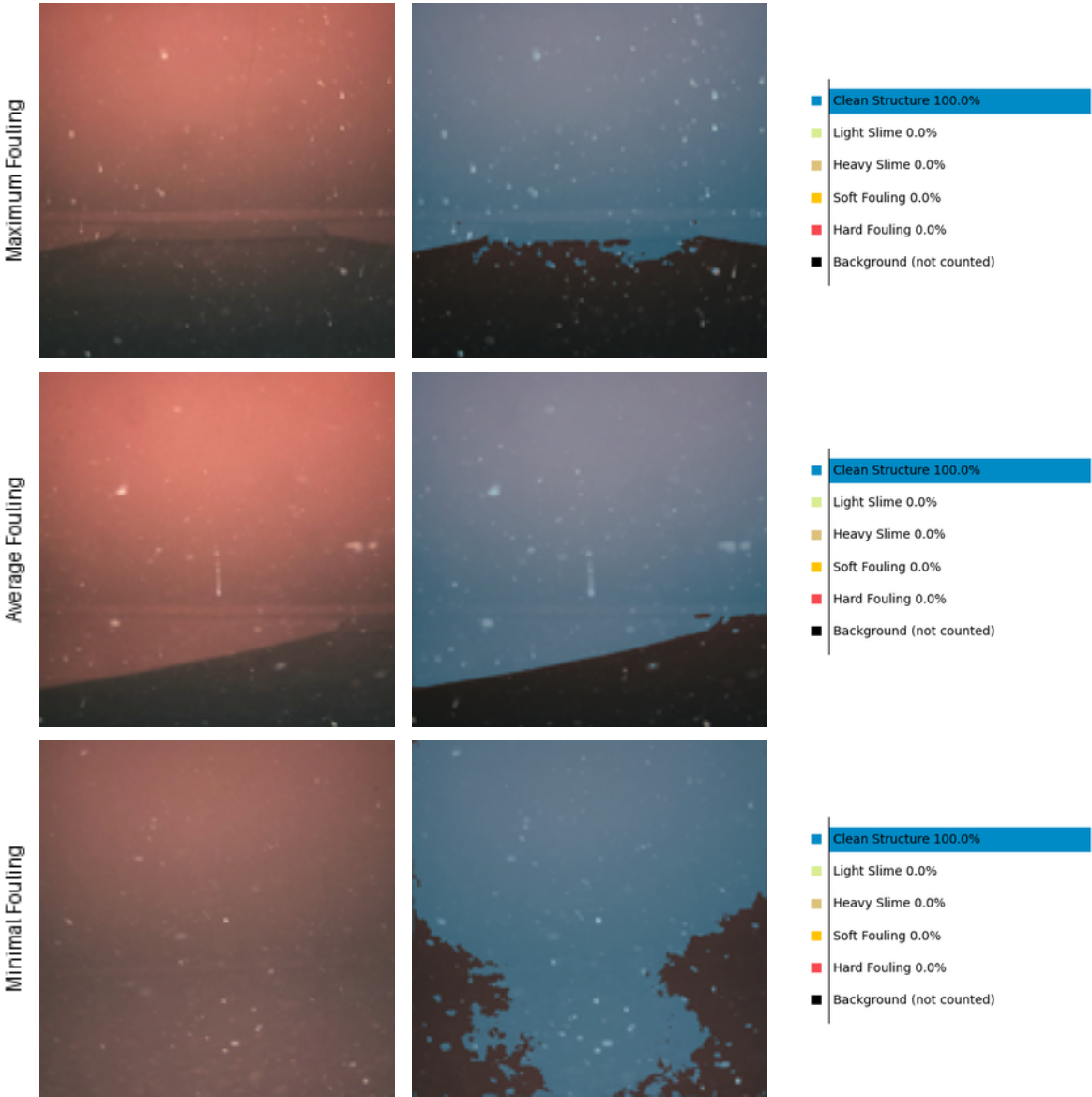
Minimal Fouling

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

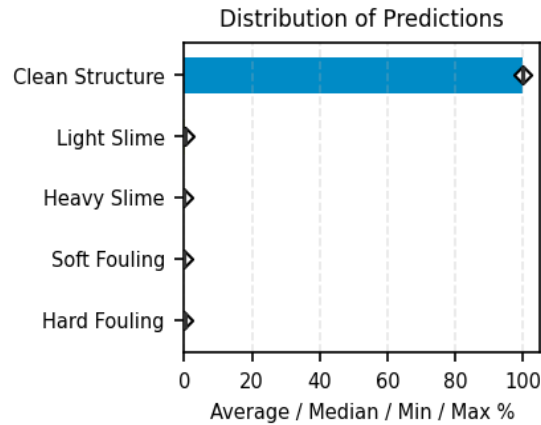
Post-Cleaning Hull Section Stats: Port Bow low



Representative Images:



Age Group	Percentage
18-24	10%
25-34	15%
35-44	20%
45-54	25%
55-64	20%
65-74	10%
75+	10%



Data Source	Count	Images
Video Sections	1	19
Image Buckets	0	0
Total Images		19

Biofouling Rating:

0

Maximum Fouling

- Clean Structure 99.8%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.1%
- Background (not counted)

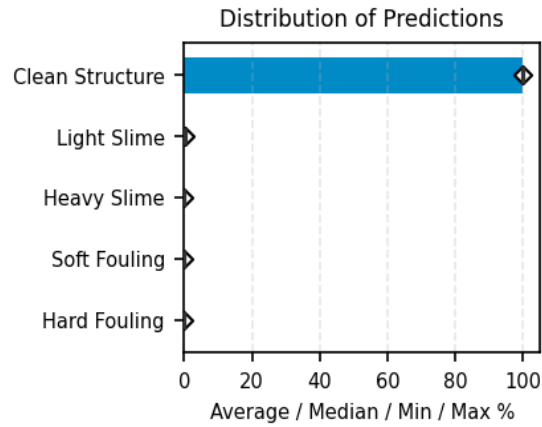
Average Fouling

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Minimal Fouling

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Age Group	Percentage
18-24	~10%
25-34	~15%
35-44	~10%
45-54	~10%
55-64	~10%
65-74	~10%
75-84	~10%
85+	~10%



Data Source	Count	Images
Video Sections	1	11
Image Buckets	0	0
Total Images		11

Biofouling Rating:

0

Figure 10 displays a 3x2 grid of images showing the results of a fouling analysis. The rows represent different levels of fouling: Maximum Fouling, Average Fouling, and Minimal Fouling. The columns represent the original images and the corresponding color-coded analysis results.

Maximum Fouling:

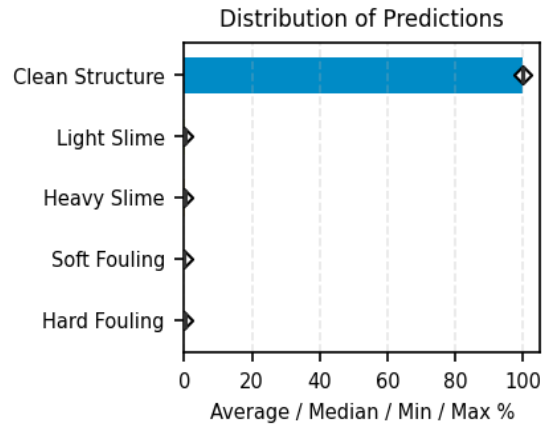
- Clean Structure: 99.9%
- Light Slime: 0.1%
- Heavy Slime: 0.0%
- Soft Fouling: 0.0%
- Hard Fouling: 0.0%
- Background (not counted): 0.0%

Average Fouling:

- Clean Structure: 100.0%
- Light Slime: 0.1%
- Heavy Slime: 0.0%
- Soft Fouling: 0.0%
- Hard Fouling: 0.0%
- Background (not counted): 0.0%

Minimal Fouling:

- Clean Structure: 100.0%
- Light Slime: 0.0%
- Heavy Slime: 0.0%
- Soft Fouling: 0.0%
- Hard Fouling: 0.0%
- Background (not counted): 0.0%

[illegible]

Data Source	Count	Images
Video Sections	1	10
Image Buckets	0	0
Total Images		10

Biofouling Rating:

0

The figure displays a 3x2 grid of images showing fouling levels on a structure. The rows are labeled 'Maximum Fouling', 'Average Fouling', and 'Minimal Fouling' on the left. The columns show the original image and its corresponding segmentation. Each segmentation has a legend on the right.

Maximum Fouling

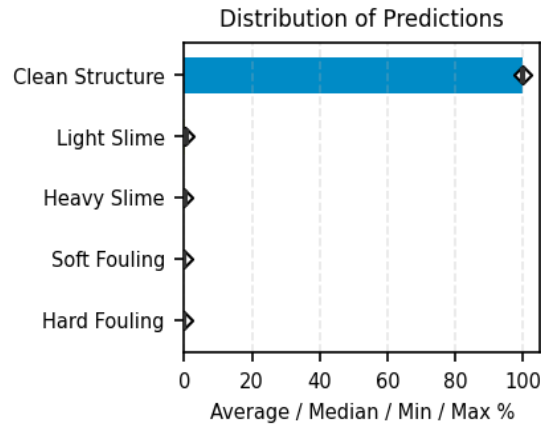
- Clean Structure 99.9%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.1%
- Background (not counted)

Average Fouling

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.1%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Minimal Fouling

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)



Data Source	Count	Images
Video Sections	1	11
Image Buckets	0	0
Total Images		11

Biofouling Rating:

0

Maximum Fouling

Average Fouling

Minimal Fouling

Clean Structure 100.0%

Light Slime 0.0%

Heavy Slime 0.0%

Soft Fouling 0.0%

Hard Fouling 0.0%

Background (not counted)

Clean Structure 99.8%

Light Slime 0.2%

Heavy Slime 0.0%

Soft Fouling 0.0%

Hard Fouling 0.0%

Background (not counted)

Clean Structure 100.0%

Light Slime 0.0%

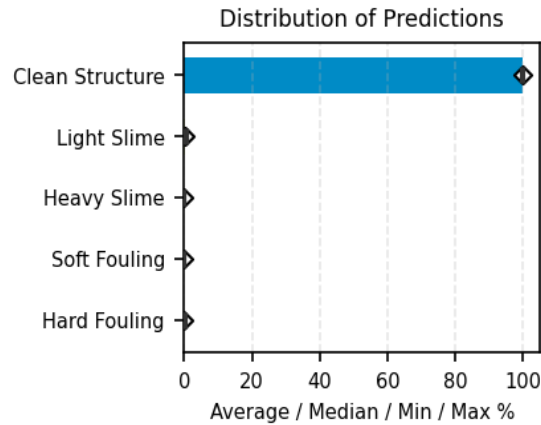
Heavy Slime 0.0%

Soft Fouling 0.0%

Hard Fouling 0.0%

Background (not counted)

Age Group	Percentage
18-24	10%
25-34	15%
35-44	25%
45-54	20%
55-64	15%
65-74	10%
75-84	5%
85+	5%



Data Source	Count	Images
Video Sections	1	13
Image Buckets	0	0
Total Images		13

Biofouling Rating:

0

Figure 1 displays the results of fouling detection for three different fouling levels: Maximum, Average, and Minimal. The figure is organized into three rows, each corresponding to a fouling level. Each row contains two images (original and processed) and a corresponding legend.

Maximum Fouling:

- Clean Structure: 100.0%
- Light Slime: 0.0%
- Heavy Slime: 0.0%
- Soft Fouling: 0.0%
- Hard Fouling: 0.0%
- Background (not counted)

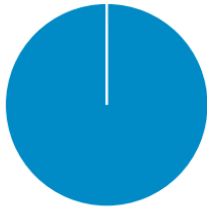
Average Fouling:

- Clean Structure: 99.9%
- Light Slime: 0.1%
- Heavy Slime: 0.0%
- Soft Fouling: 0.0%
- Hard Fouling: 0.0%
- Background (not counted)

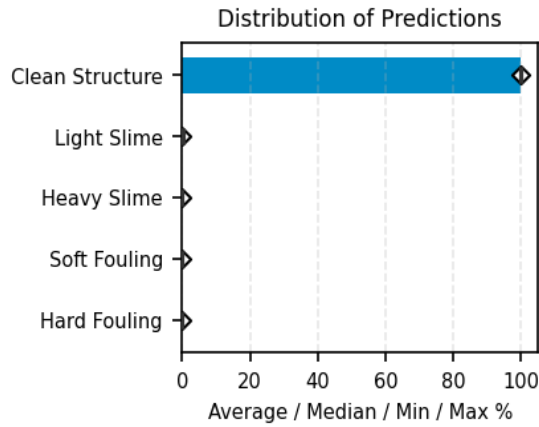
Minimal Fouling:

- Clean Structure: 100.0%
- Light Slime: 0.0%
- Heavy Slime: 0.0%
- Soft Fouling: 0.0%
- Hard Fouling: 0.0%
- Background (not counted)

Post-Cleaning Hull Section Stats: Port Midship low



Hard Fouling (0.00%) Light Slime (0.01%)
Soft Fouling (0.00%) Clean Structure (100.00%)
Heavy Slime (0.00%)

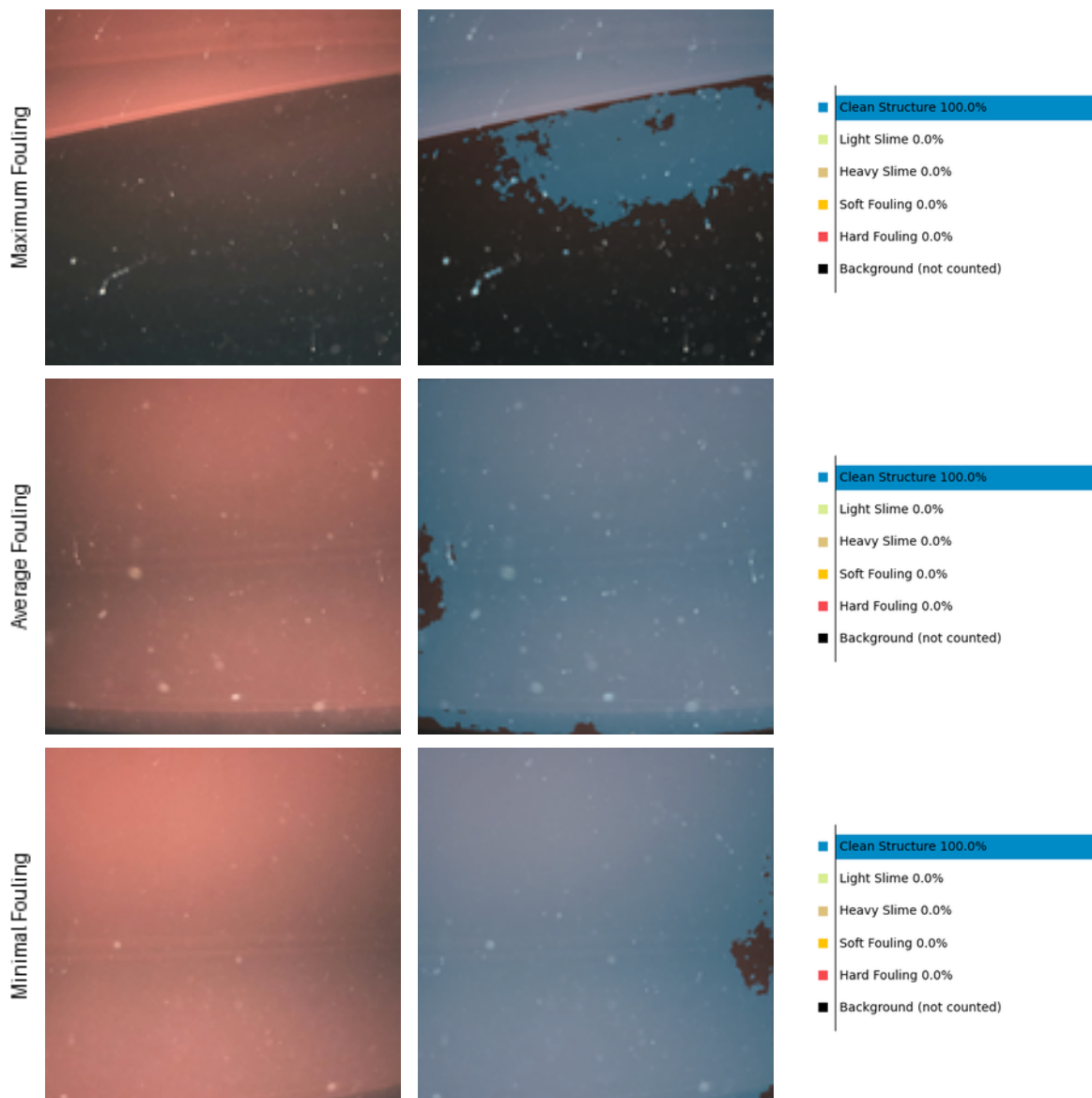


Data Source	Count	Images
Video Sections	1	12
Image Buckets	0	0
Total Images		12

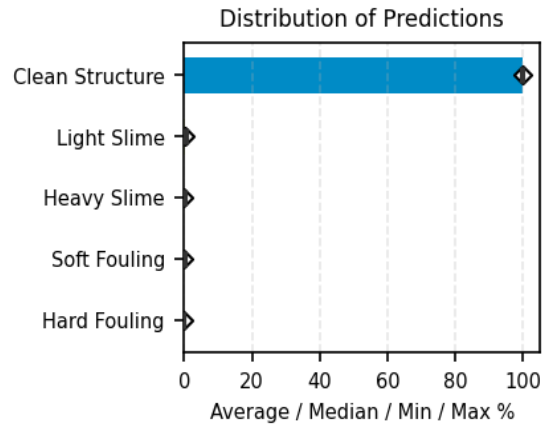
Biofouling Rating:

0

Representative Images:



1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100



Data Source	Count	Images
Video Sections	1	28
Image Buckets	0	0
Total Images		28

Biofouling Rating:

0

Figure 10 displays the results of fouling detection for three different levels of fouling: Maximum, Average, and Minimal. The figure is organized into three rows, each corresponding to a different fouling level. Each row contains a color image of the structure, a corresponding segmentation mask, and a legend.

Maximum Fouling:

- Clean Structure: 99.8%
- Light Slime: 0.2%
- Heavy Slime: 0.0%
- Soft Fouling: 0.0%
- Hard Fouling: 0.0%
- Background (not counted): 0.0%

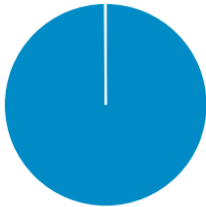
Average Fouling:

- Clean Structure: 99.9%
- Light Slime: 0.1%
- Heavy Slime: 0.0%
- Soft Fouling: 0.0%
- Hard Fouling: 0.0%
- Background (not counted): 0.0%

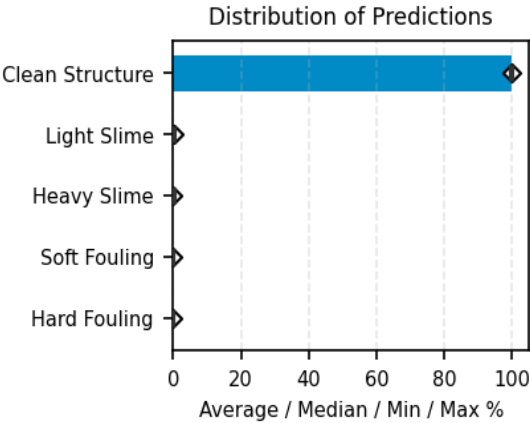
Minimal Fouling:

- Clean Structure: 100.0%
- Light Slime: 0.0%
- Heavy Slime: 0.0%
- Soft Fouling: 0.0%
- Hard Fouling: 0.0%
- Background (not counted): 0.0%

Post-Cleaning Hull Section Stats: Starboard Bow mid



Hard Fouling (0.00%) Light Slime (0.10%)
Soft Fouling (0.00%) Clean Structure (99.89%)
Heavy Slime (0.01%)



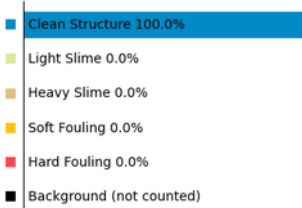
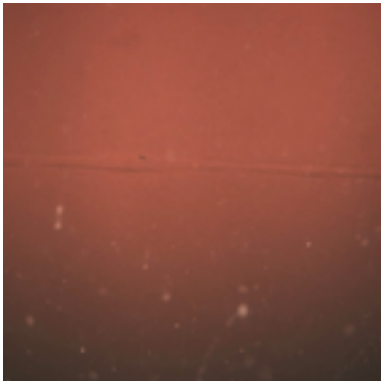
Data Source	Count	Images
Video Sections	1	18
Image Buckets	0	0
Total Images		18

Biofouling Rating:

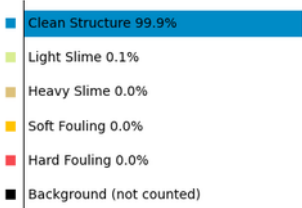
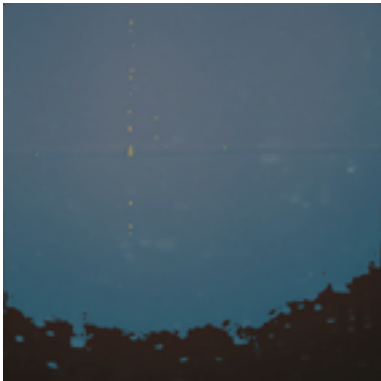
0

Representative Images:

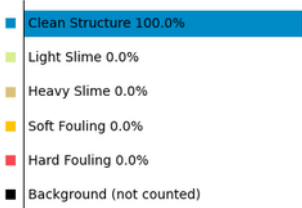
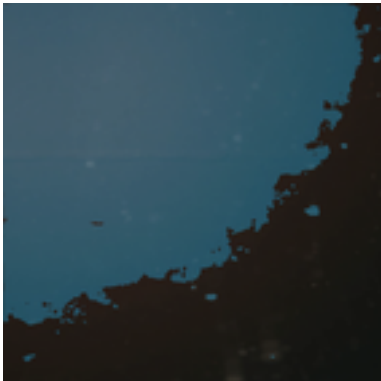
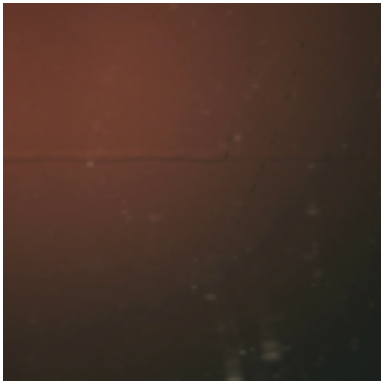
Maximum Fouling



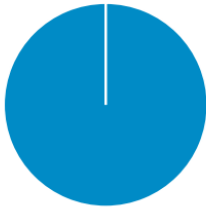
Average Fouling



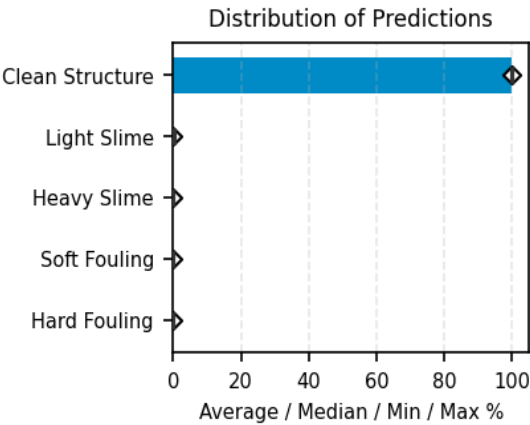
Minimal Fouling



Post-Cleaning Hull Section Stats: Starboard Bow low



Hard Fouling (0.00%)
Soft Fouling (0.00%)
Heavy Slime (0.00%)
Light Slime (0.00%)
Clean Structure (100.00%)

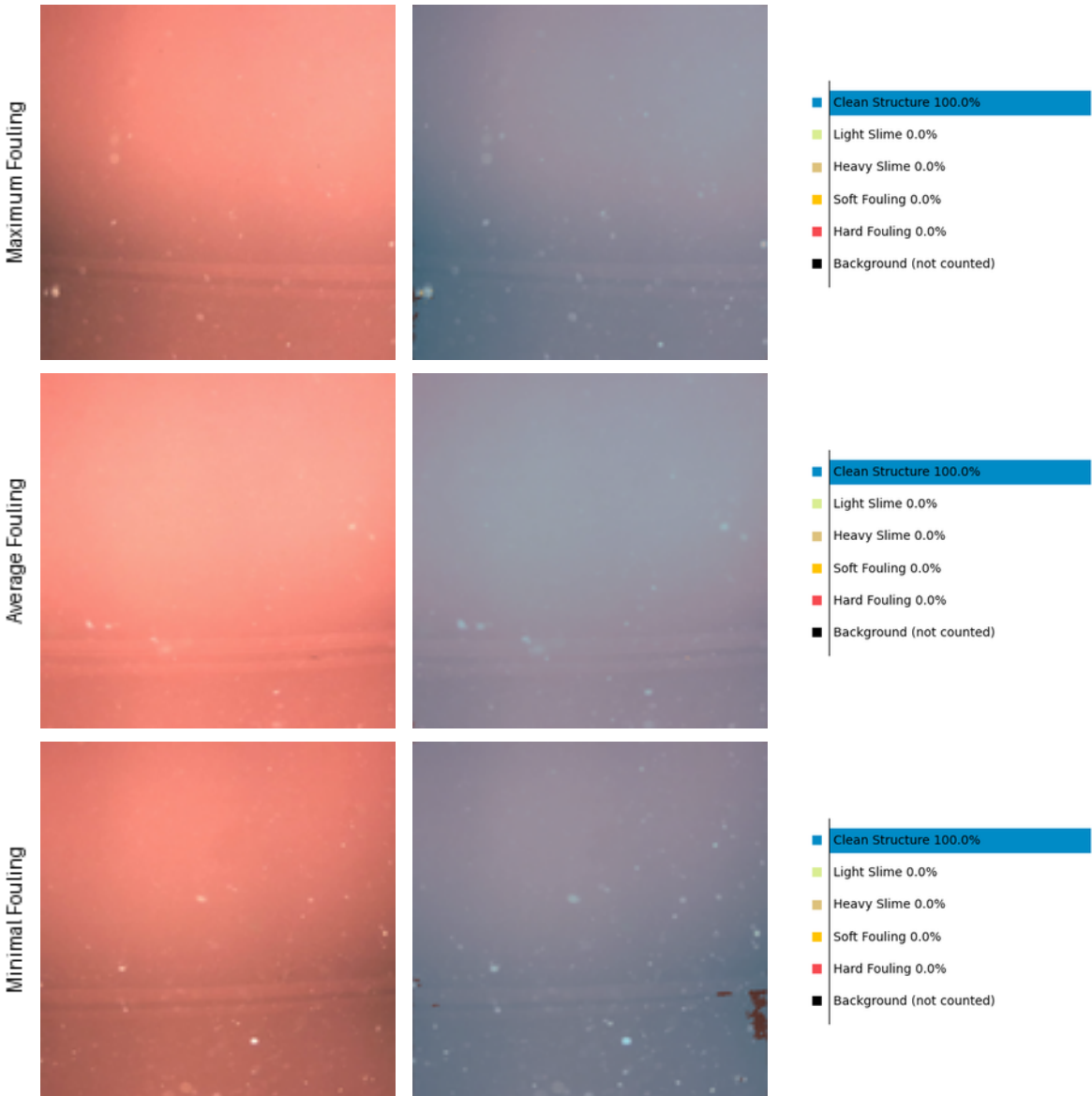


Data Source	Count	Images
Video Sections	1	17
Image Buckets	0	0
Total Images		17

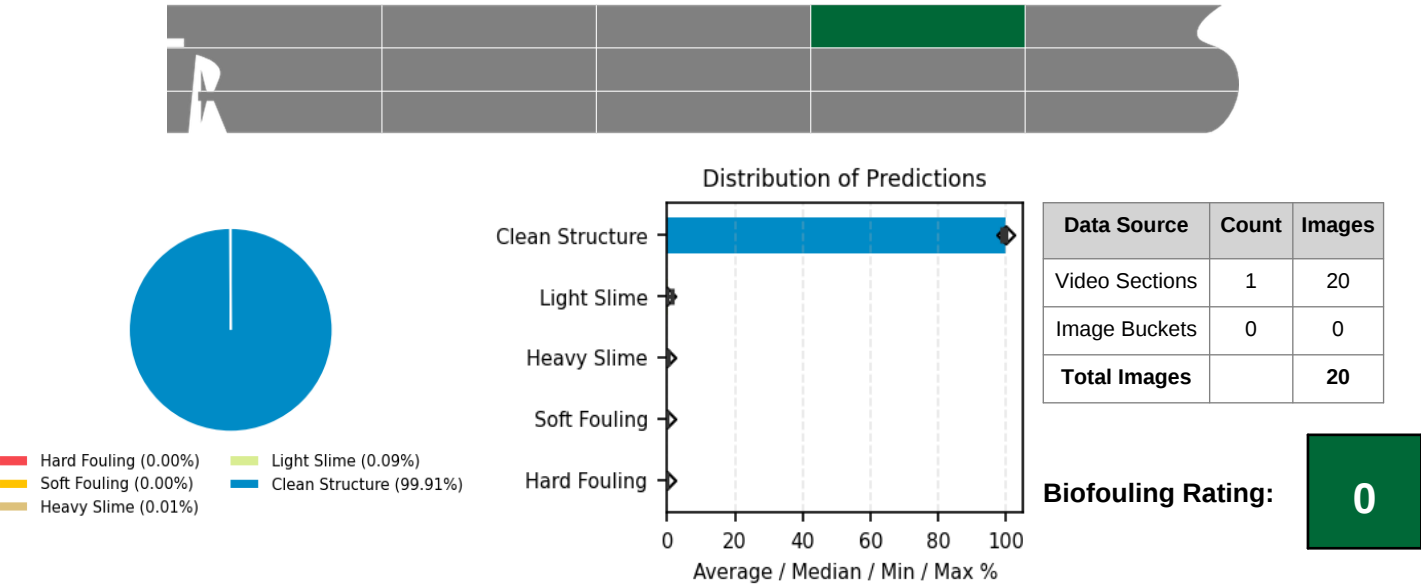
Biofouling Rating:

0

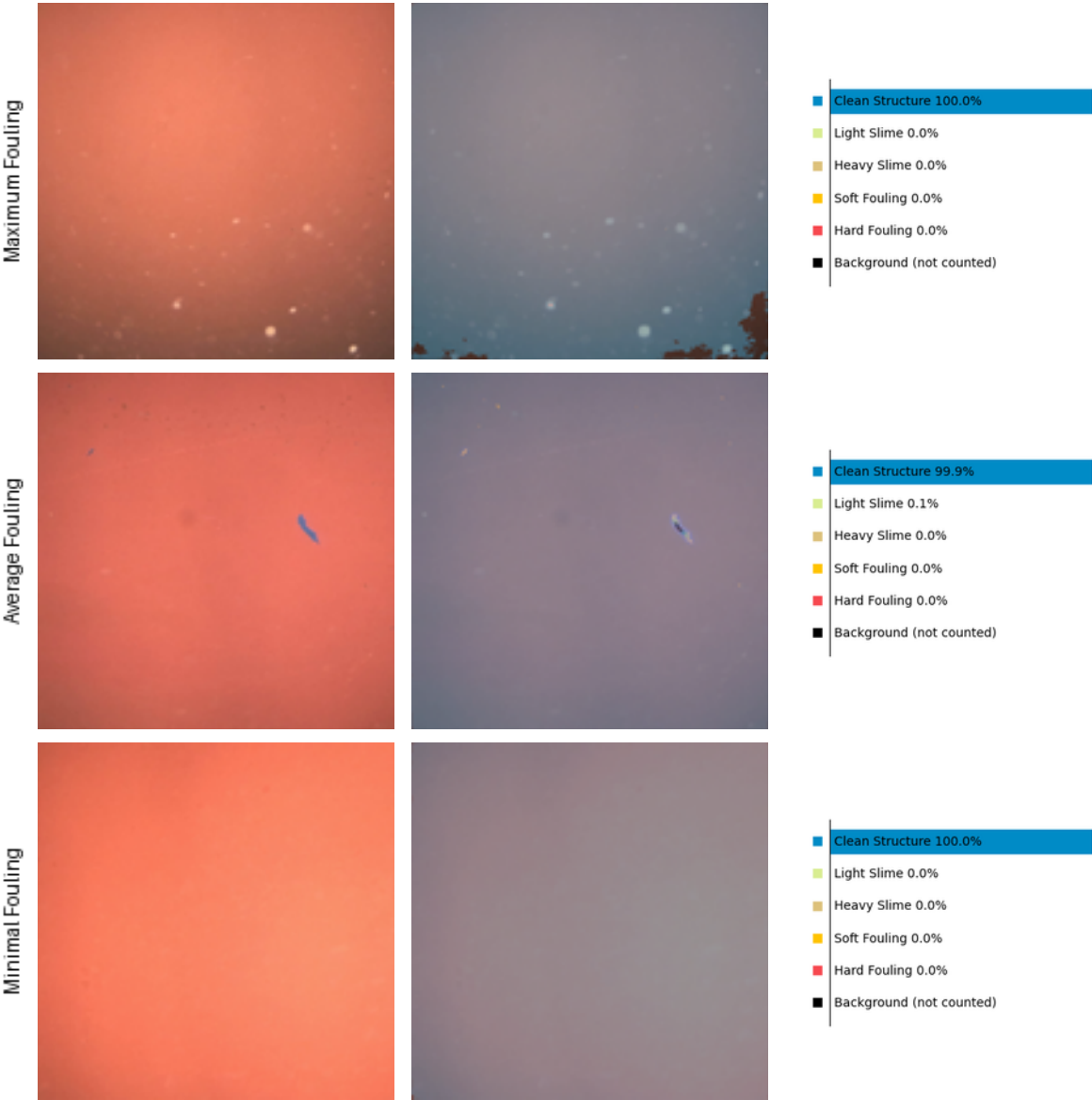
Representative Images:



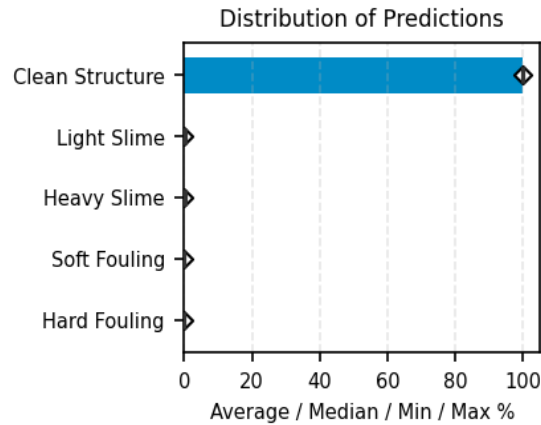
Post-Cleaning Hull Section Stats: Starboard Fwd-mid high



Representative Images:



R				



Data Source	Count	Images
Video Sections	1	17
Image Buckets	0	0
Total Images		17

Biofouling Rating:

0

Maximum Fouling

Original Image

Fouling Detection Results

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Average Fouling

Original Image

Fouling Detection Results

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

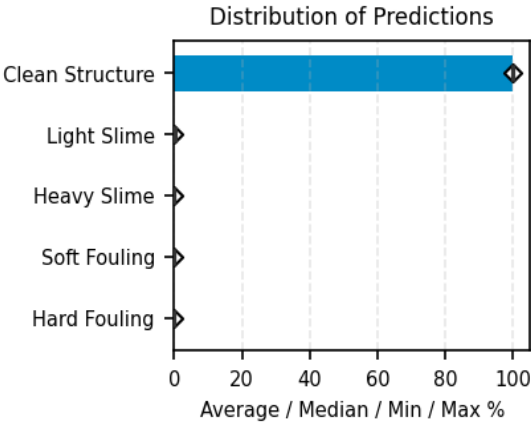
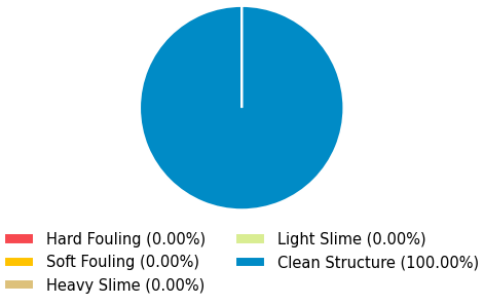
Minimal Fouling

Original Image

Fouling Detection Results

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Post-Cleaning Hull Section Stats: Starboard Fwd-mid low

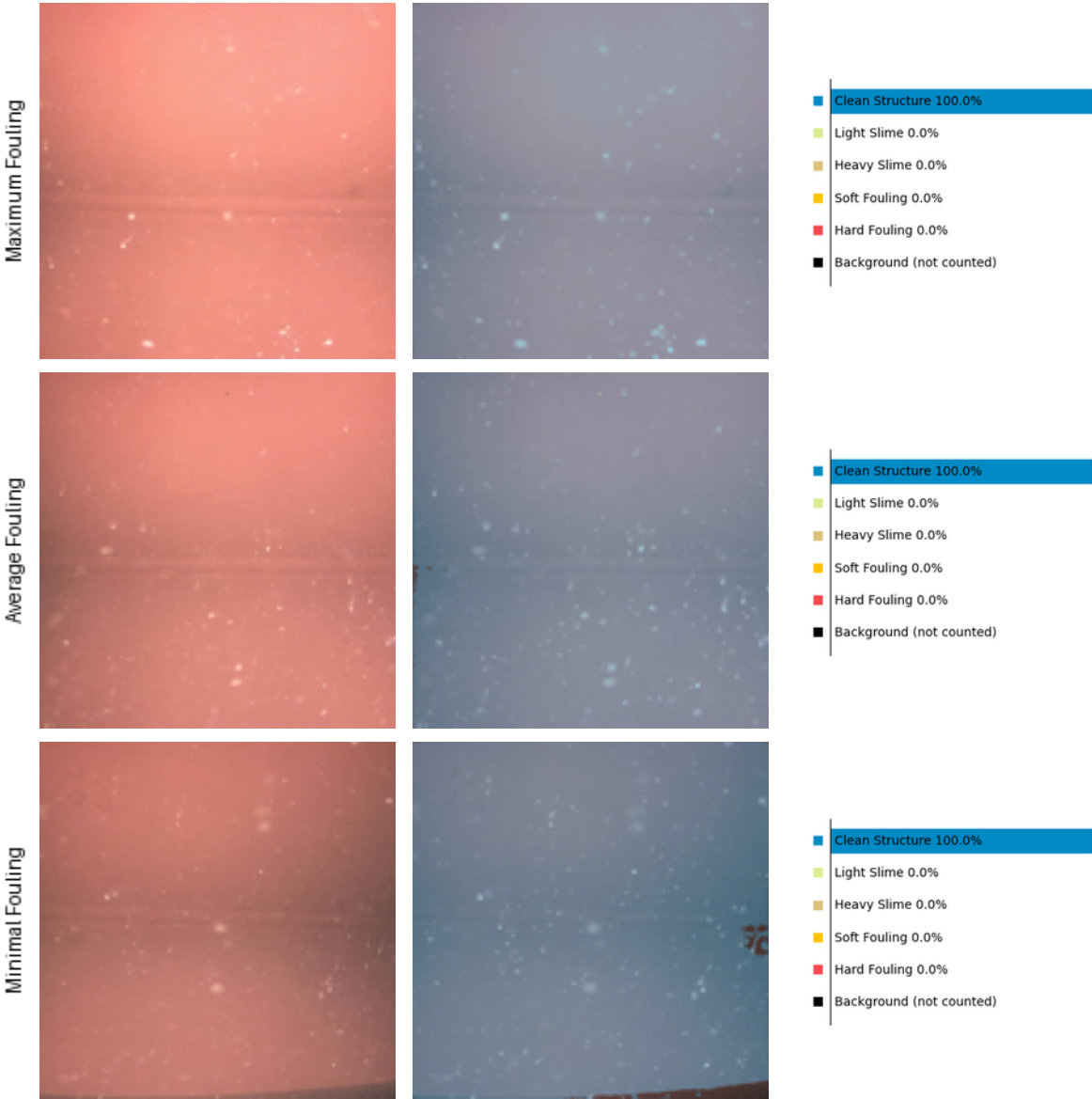


Data Source	Count	Images
Video Sections	1	18
Image Buckets	0	0
Total Images		18

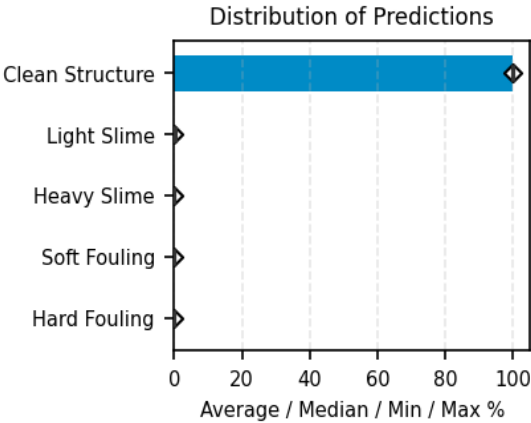
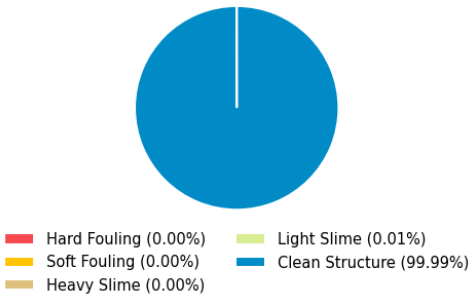
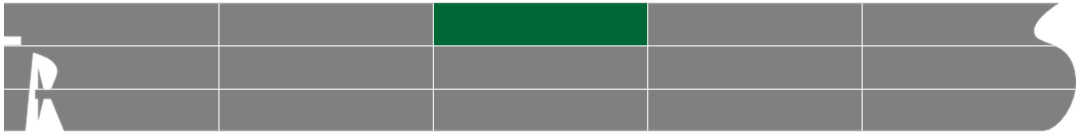
Biofouling Rating:

0

Representative Images:



Post-Cleaning Hull Section Stats: Starboard Midship high

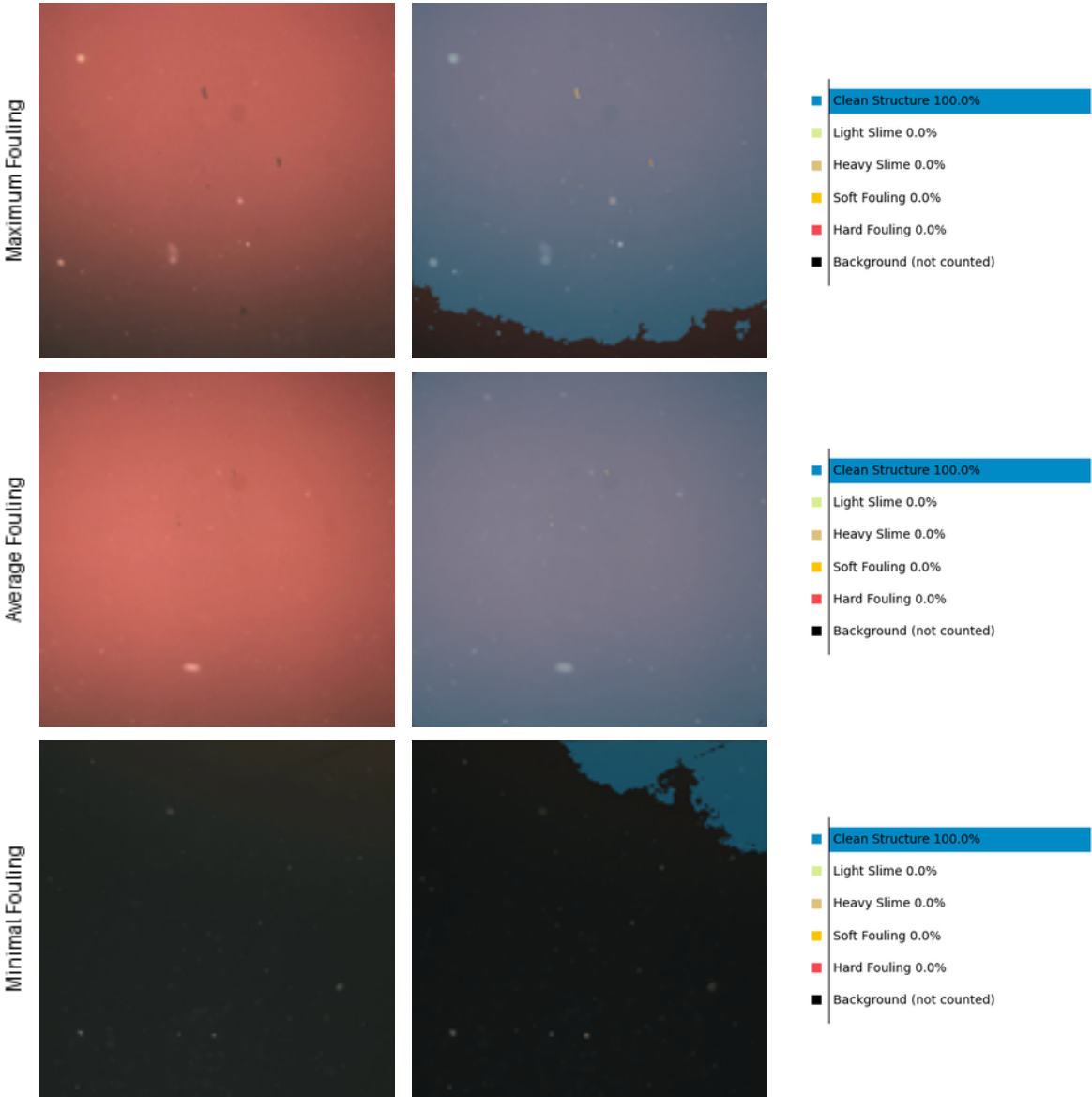


Data Source	Count	Images
Video Sections	1	38
Image Buckets	0	0
Total Images		38

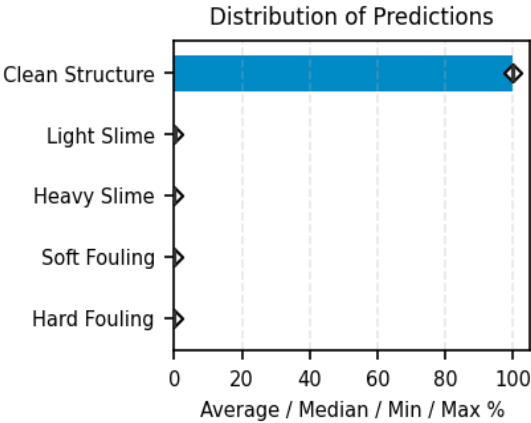
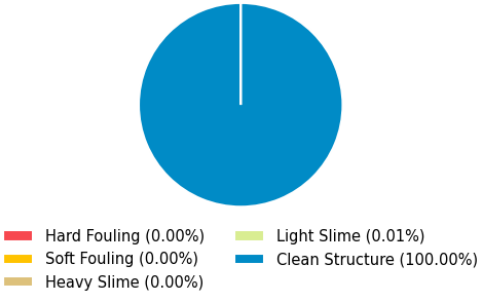
Biofouling Rating:

0

Representative Images:



Post-Cleaning Hull Section Stats: Starboard Midship mid

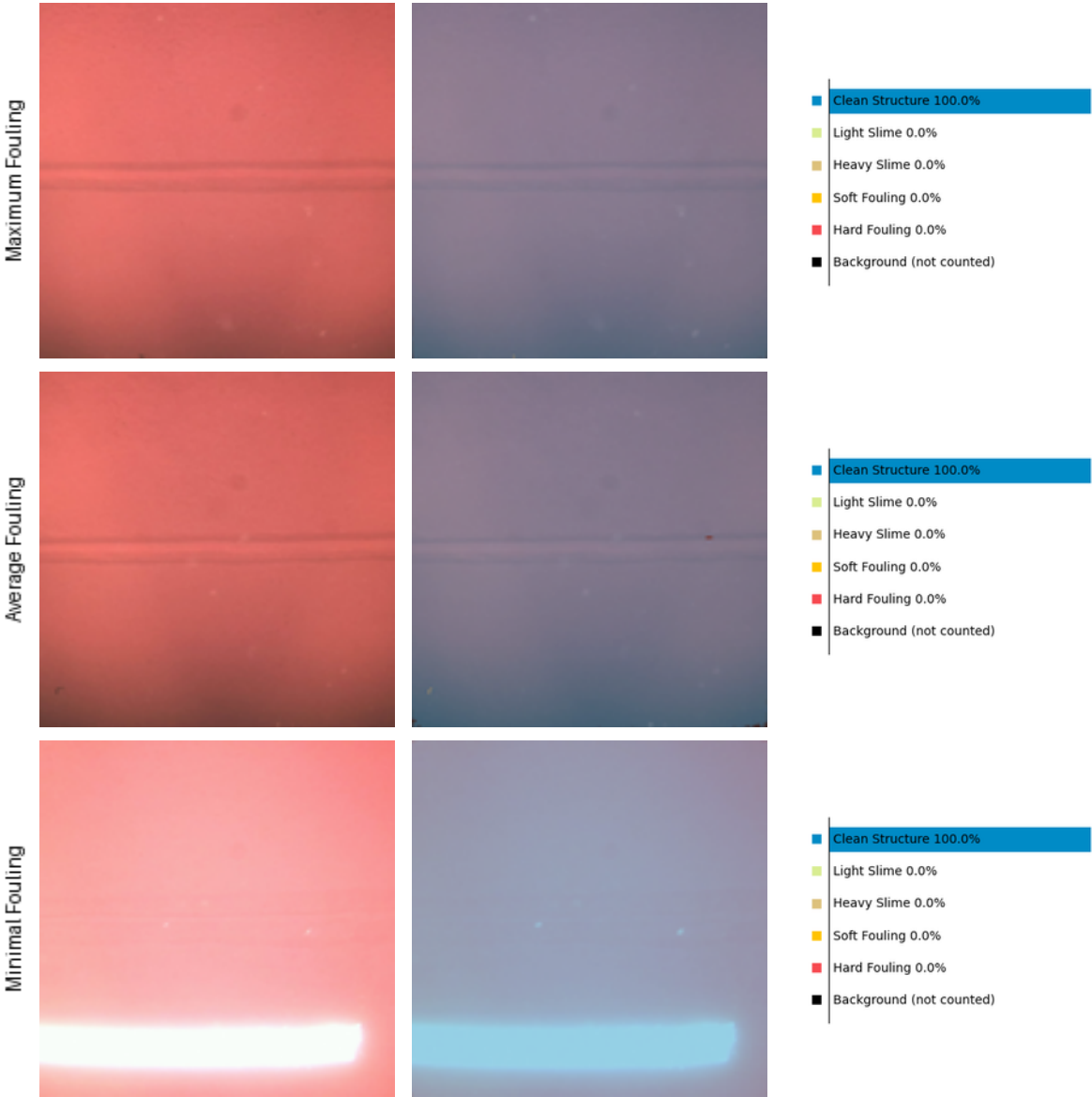


Data Source	Count	Images
Video Sections	1	14
Image Buckets	0	0
Total Images		14

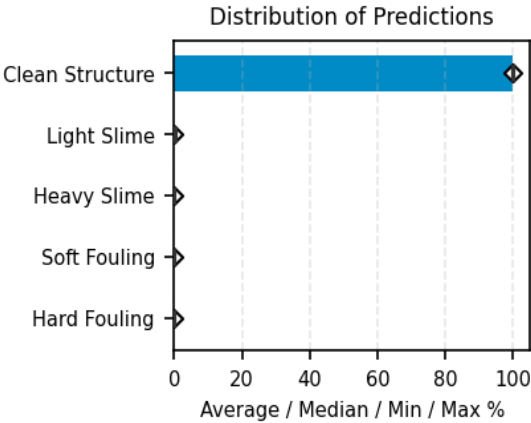
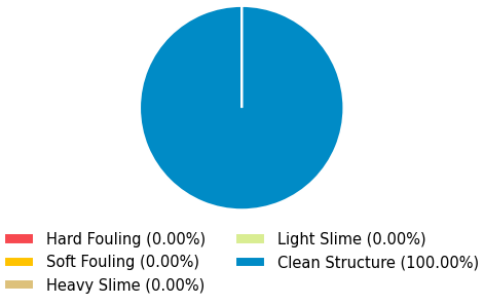
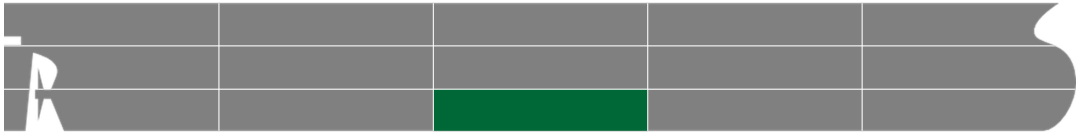
Biofouling Rating:

0

Representative Images:



Post-Cleaning Hull Section Stats: Starboard Midship low

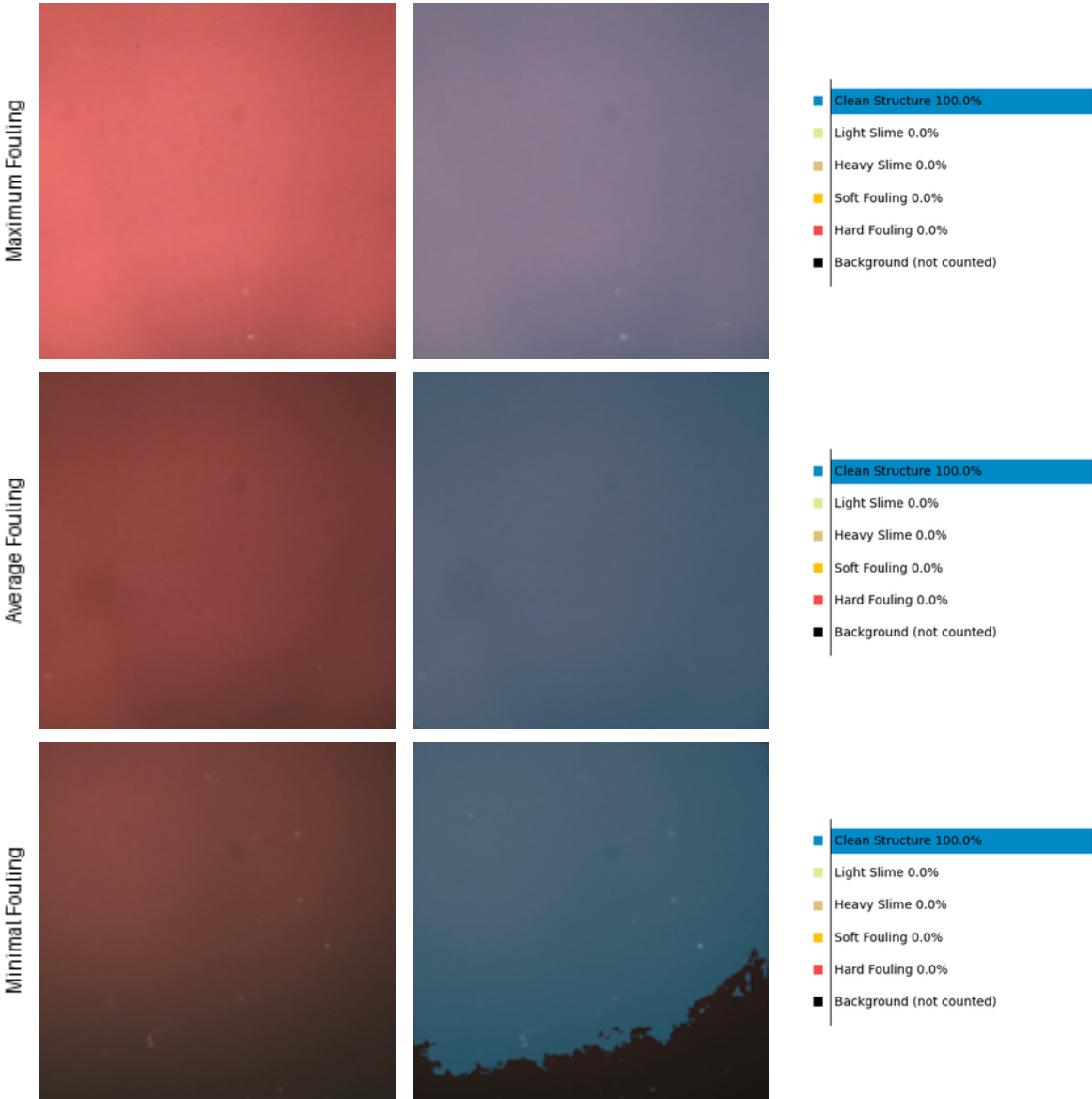


Data Source	Count	Images
Video Sections	1	13
Image Buckets	0	0
Total Images		13

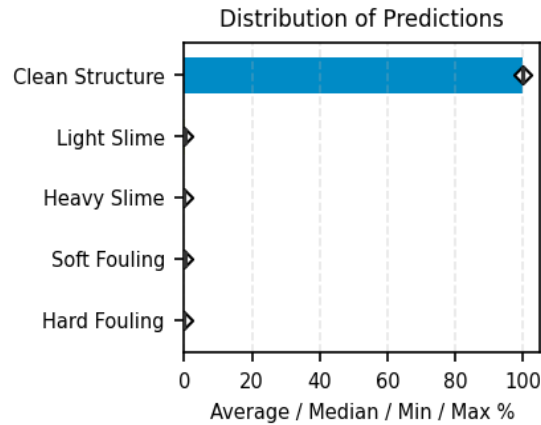
Biofouling Rating:

0

Representative Images:



1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100



Data Source	Count	Images
Video Sections	1	12
Image Buckets	0	0
Total Images		12

Biofouling Rating:

0

Maximum Fouling

Average Fouling

Minimal Fouling

Maximum

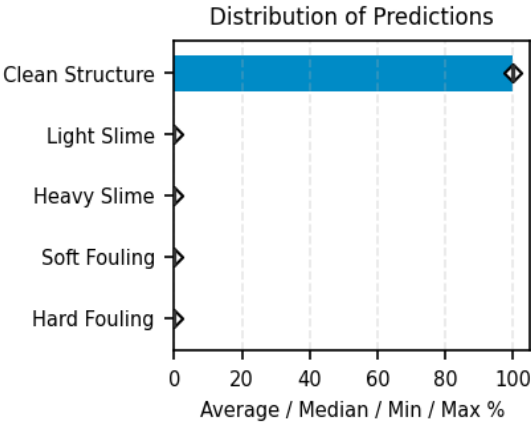
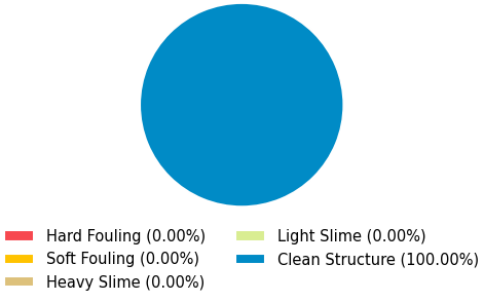
Average

Minimal

Legend:

- Clean Structure 100.0%
- Light Slime 0.0%
- Heavy Slime 0.0%
- Soft Fouling 0.0%
- Hard Fouling 0.0%
- Background (not counted)

Post-Cleaning Hull Section Stats: Starboard Aft-mid low



Data Source	Count	Images
Video Sections	1	14
Image Buckets	0	0
Total Images		14

Biofouling Rating:

0

Representative Images:

