

DIY Marine Diesel Monitoring Syst...

Summary

Design Survey

Collect Responses

Analyze Results

CURRENT VIEW

+ FILTER


+ COMPARE

+ SHOW

No rules applied

Rules allow you to **FILTER**, **COMPARE** and **SHOW** results to see trends and patterns. [Learn more »](#)

SAVED VIEWS (1)



Original View (No rules applied)

+ Save as...

EXPORTS

SHARED DATA

No shared data

Sharing allows you to share your survey results with others. You can share all data, a saved view, or a single question summary. [Learn more »](#)

Share All

RESPONDENTS: 5 of 5

Export All

Share All

Question Summaries

Data Trends

Individual Responses

PAGE 1

Q1

Customize

Export

Which sensor is most important to you?

Answered: 5 Skipped: 0

Digital tachometer...

Exhaust gas temperature

Engine coolant temperature

Oil temperature

Up to five water/air...

Turbo boost

Water flow meter...

Water flow detector (on...

Other (please specify)

0%

10%

20%

30%

40%

50%

60%

70%

80%

90%

100%

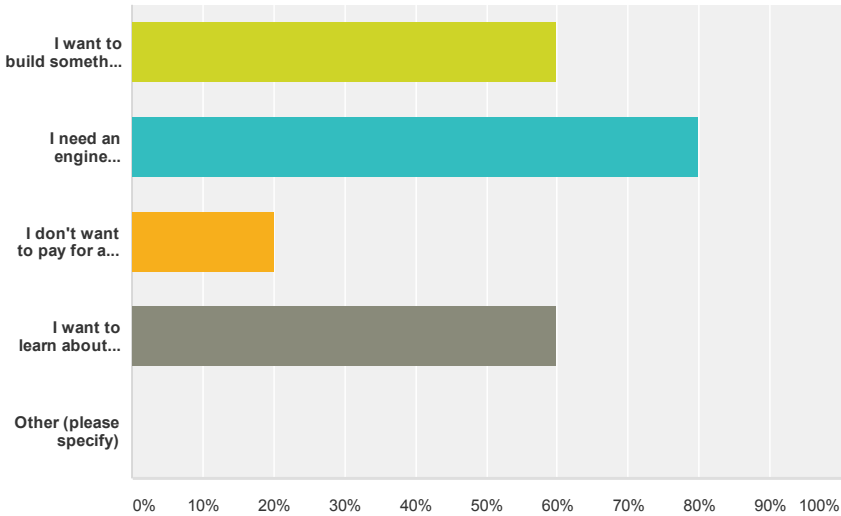
Answer Choices	Responses
Digital tachometer (very accurate)	20.00% 1
Exhaust gas temperature	0.00% 0
Engine coolant temperature	60.00% 3
Oil temperature	0.00% 0
Up to five water/air temperature sensors where max temp is 240F	0.00% 0
Turbo boost	0.00% 0
Water flow meter (liters/minute or gallons/minute)	0.00% 0
Water flow detector (only detects there is flow but doesn't measure volume)	20.00% 1
Other (please specify)	0.00% 0
Total	5

Q2

Customize Export

Why are you interested in this project?

Answered: 5 Skipped: 0



Answer Choices	Responses
I want to build something that is functional	60.00% 3
I need an engine monitoring system	80.00% 4
I don't want to pay for a professional engine monitoring system	20.00% 1
I want to learn about Arduino	60.00% 3
Other (please specify)	0.00% 0

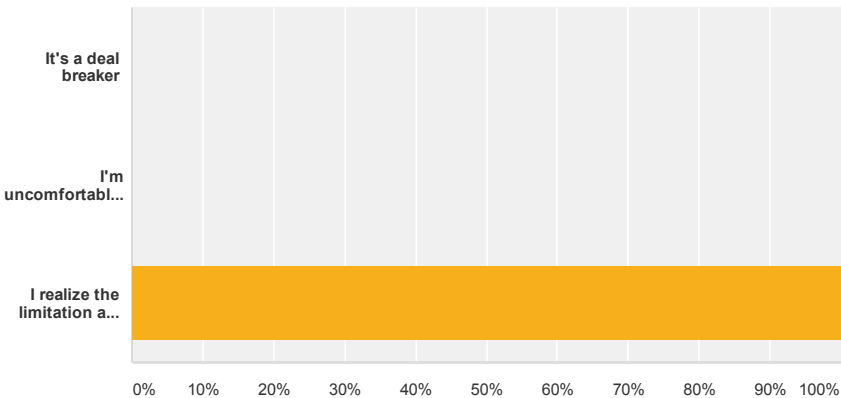
Total Respondents: 5

Q3

Customize Export

How do you feel about this system being not reliable enough for basing safety decisions on it?

Answered: 5 Skipped: 0



Answer Choices	Responses
It's a deal breaker	0.00% 0
I'm uncomfortable but still want to pursue it	0.00% 0

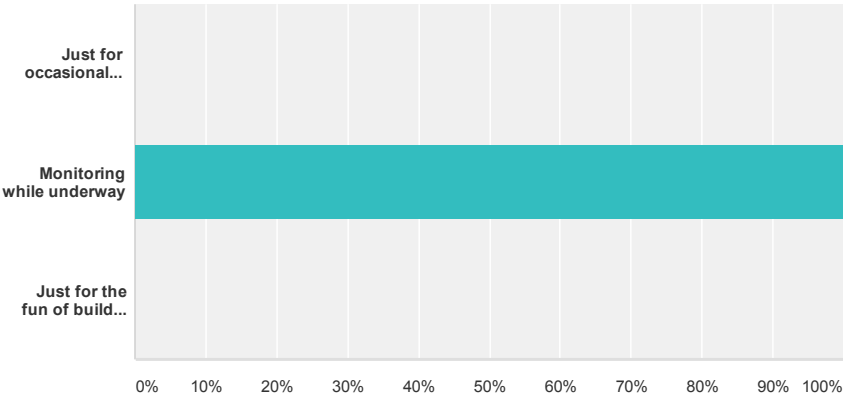
I realize the limitation and it does not bother me	100.00%	5
Total		5

Q4

Customize Export

How do you plan on using this system?

Answered: 5 Skipped: 0



Answer Choices	Responses
Just for occasional diagnostics	0.00% 0
Monitoring while underway	100.00% 5
Just for the fun of building it	0.00% 0
Total	5

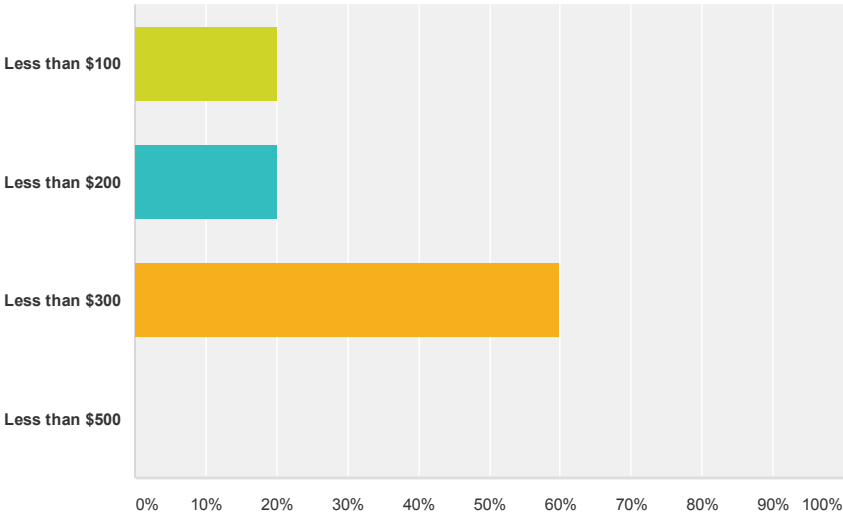
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Q5

Customize Export

What is the most amount you are willing to spend on the first version

Answered: 5 Skipped: 0



Answer Choices	Responses
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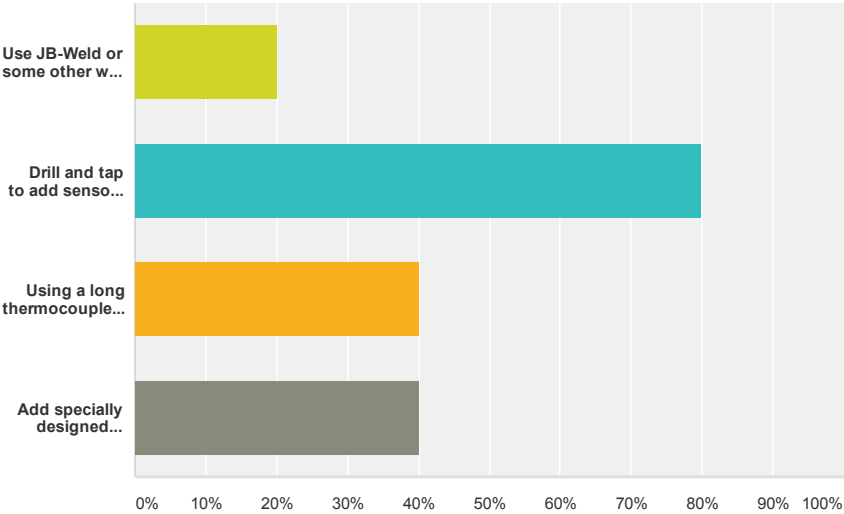
▼ Less than \$100	20.00%	1
▼ Less than \$200	20.00%	1
▼ Less than \$300	60.00%	3
▼ Less than \$500	0.00%	0
Total		5

Q6

Customize Export

How do you plan on adding sensors to your engine?

Answered: 5 Skipped: 0



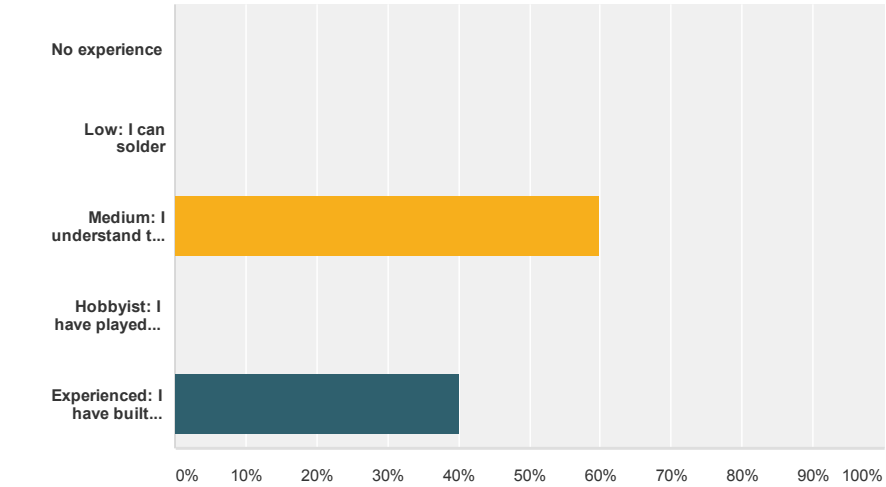
Answer Choices	Responses
▼ Use JB-Weld or some other way of bonding temp sensors to locations	20.00% 1
▼ Drill and tap to add sensors like EGT	80.00% 4
▼ Using a long thermocouple probe for dipstick	40.00% 2
▼ Add specially designed components	40.00% 2
Total Respondents: 5	

Q7

Customize Export

How comfortable are you with electronics?

Answered: 5 Skipped: 0



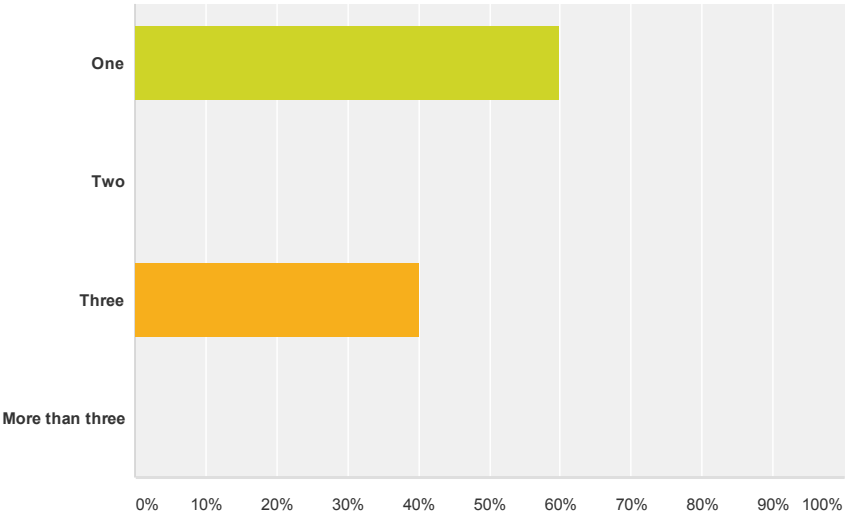
Answer Choices	Responses
No experience	0.00% 0
Low: I can solder	0.00% 0
Medium: I understand the relationships between resistance (ohms), amps, and voltage	60.00% 3
Hobbyist: I have played with breadboards, LEDs, resistors, capacitors, and diodes	0.00% 0
Experienced: I have built something with a microcontroller	40.00% 2
Total	5

Q8

Customize Export

How many engines do you have, including gensets?

Answered: 5 Skipped: 0



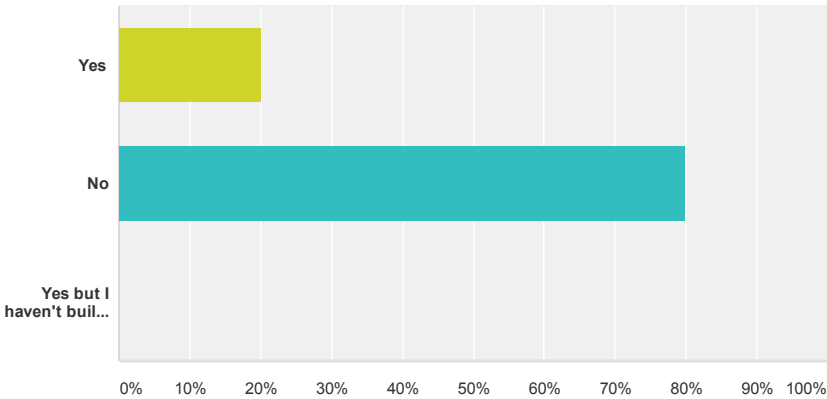
Answer Choices	Responses
One	60.00% 3
Two	0.00% 0
Three	40.00% 2
More than three	0.00% 0
Total	5

Q9

Customize Export

Have you worked with Arduino before

Answered: 5 Skipped: 0



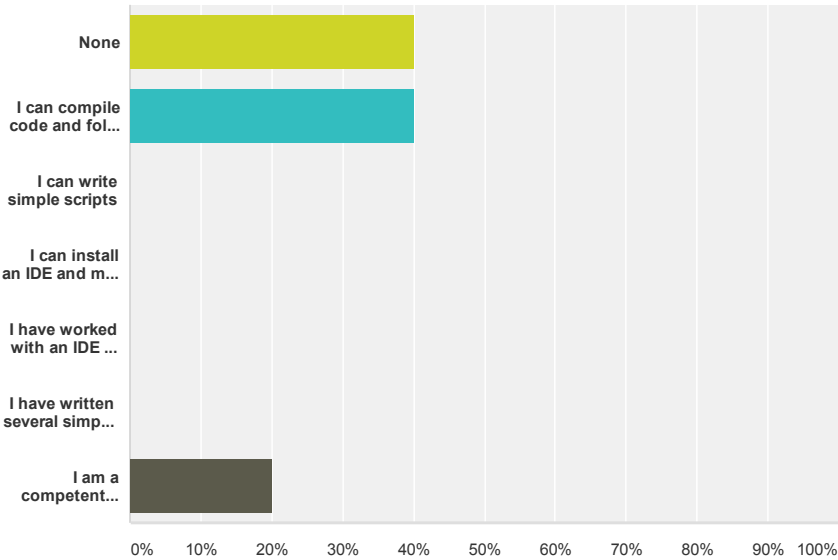
Answer Choices	Responses
Yes	20.00% 1
No	80.00% 4
Yes but I haven't built anything that is functional	0.00% 0
Total	5

Q10

Customize Export

What is your experience with programming?

Answered: 5 Skipped: 0




Answer Choices	Responses
None	40.00% 2
I can compile code and follow technical instructions but I've never coded	40.00% 2

▼ I can write simple scripts	0.00%	0
▼ I can install an IDE and make simple edits to existing code if it is well documented	0.00%	0
▼ I have worked with an IDE and can write simple code in one language	0.00%	0
▼ I have written several simple programs in more than one language	0.00%	0
▼ I am a competent programmer	20.00%	1
Total Respondents: 5		

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