

1

00:00:00,000 --> 00:00:02,000

I

2

00:00:30,000 --> 00:00:32,000

I

3

00:01:00,000 --> 00:01:07,400

What's everybody freaking out about that is some bad hat Jamie

4

00:01:30,160 --> 00:01:39,040

So Jamie 2015 marks the 40th anniversary of one of the all-time great horror movies, and it is of course

5

00:01:42,400 --> 00:01:47,960

Jaws and we are going to celebrate by jumping back into the water with an entire episode devoted to sharks

6

00:01:49,240 --> 00:01:50,840

Cool, what's on the docket?

7

00:01:50,840 --> 00:01:57,400

Well later we're gonna be testing not one but two shark repellent miss one involves the sound of orcas repelling sharks

8

00:02:00,880 --> 00:02:03,440

And the other involves the essence of

9

00:02:04,600 --> 00:02:06,860

Well dead shark weird

10

00:02:08,160 --> 00:02:13,880

But first we are going to be retesting a myth that fans say we got wrong ten years ago

11

00:02:13,960 --> 00:02:16,960

That would be scuba tank explosion. Yes, okay

12

00:02:16,960 --> 00:02:23,360

So to recap it's the end of the movie and for chief Brody. It is killer be killed the sharks is racing towards him to eat him

13

00:02:23,360 --> 00:02:29,440

He's got a scuba tank sticking out of the corner of his mouth Brody lifts his 30-odd sex takes his shot

14

00:02:30,400 --> 00:02:36,160

And kills the shark but for us didn't work. No, it didn't but fans say our methodology was flawed

15

00:02:36,160 --> 00:02:41,600

And I think we should retest it. So what are we gonna need a bigger boat? I think that's accurate

16

00:02:43,200 --> 00:02:46,640

When the mythbusters first took aim at the jaws finale

17

00:02:52,280 --> 00:02:58,200

Their conclusion was controversial the final sequence of jaws, I'm sorry to say is totally busted

18

00:02:59,160 --> 00:03:03,160

So now ten years down the line, it's time for a do-over

19

00:03:03,800 --> 00:03:08,480

So fans had three specific questions the first time we tackled this myth number one

20

00:03:08,480 --> 00:03:15,320

What if Brody didn't shoot the tank directly but grazed it with this bullet causing a weakness that ruptured making the tank explode

21

00:03:20,040 --> 00:03:27,280

To what if Brody had a different gun is there a caliber of bullet that could cause a scuba tank to explode and

22

00:03:27,400 --> 00:03:31,800

Three and this is where we're actually starting this story. What happened to the tank when we shot it?

23

00:03:35,080 --> 00:03:38,720

The tank did not actually split all the way open it didn't explode

24

00:03:40,800 --> 00:03:46,660

It rocketed away. Yes fans wanted to know if a rocketing tank could actually harm a shark

25

00:03:49,440 --> 00:03:54,360

And to find out if a rocketing tank could kill the guys must build a life-size

26

00:03:55,240 --> 00:04:01,000

Super realistic shark stand-in and Adam starting that by getting anatomical

27

00:04:01,600 --> 00:04:04,460

John can you give me a little bit of shark anatomy?

28

00:04:05,240 --> 00:04:11,080

101 here sure this is a salmon shark. It's very similar to a white shark in fact

29

00:04:11,080 --> 00:04:19,040

It's in the same family only they don't get us large, but the inside is functionally identical very much the same Adam needs hands-on

30

00:04:19,200 --> 00:04:21,200

Experience for two reasons

31

00:04:21,200 --> 00:04:24,940

What is that? What is this giant thing? That's the liver first

32

00:04:24,940 --> 00:04:29,720

He must figure out the journey that a rocketing tank would take food will enter the esophagus

33

00:04:30,080 --> 00:04:35,920

He moved into the stomach. That's the stomach right here that I'm touching which turns out to be simple

34

00:04:36,280 --> 00:04:39,280

The tank would first shoot through a muscular sphincter

35

00:04:39,760 --> 00:04:46,440

Before entering the esophagus which goes right past the heart before opening into a thick walled stomach

36

00:04:47,440 --> 00:04:48,640

reason to

37

00:04:48,640 --> 00:04:49,680

Wow

38

00:04:49,680 --> 00:04:55,700

Which requires a bigger shark is about material research skin is so rough

39

00:04:56,680 --> 00:05:02,180

Adam must feel the insides to work out what to build his realistic replica from

40

00:05:02,440 --> 00:05:06,300

Wow, there's nothing soft about this thing at all. It is like shoe leather

41

00:05:06,720 --> 00:05:12,160

John McCosker's lesson for me in shark anatomy and provided me the opportunity to stick my entire arm

42

00:05:12,640 --> 00:05:16,460

Down the gullet of a seven-foot lemon shark

43

00:05:16,940 --> 00:05:21,300

Texturally it's an amazing experience because what's surrounding it is so

44

00:05:21,740 --> 00:05:28,620

Needy and tough and if we're going to anatomically match that we're going to need to add something that really comes akin to

45

00:05:29,900 --> 00:05:35,740

Significant musculature that surrounds that in a shark with the research phase now complete. Thank you, sir

46

00:05:35,860 --> 00:05:37,860

My pleasure

47

00:05:41,900 --> 00:05:46,080

The build can begin where Jamie's starting with a skeleton

48

00:05:47,460 --> 00:05:54,300

This stuff right here, which is expanded polypropylene and it's basically the same plastic that's in a portable gas can

49

00:05:54,300 --> 00:05:59,140

Is what we're going to be making our framework and our jaws out of because it's flexible

50

00:05:59,780 --> 00:06:05,260

Kind of like stiff cartilage. It's perfect and we can screw right through it. It's easily cut and drilled

51

00:06:05,940 --> 00:06:13,020

Having similar specs to a shark's cartilage and a skeleton is crucial for realistic structural integrity

52

00:06:13,620 --> 00:06:17,380

That actually doesn't look half bad, but for the rocketing tank test

53

00:06:17,940 --> 00:06:19,940

It's the gullet that's key

54

00:06:21,180 --> 00:06:26,820

And to replicate that we've decided to use cow hide this leather here because it's

55

00:06:26,980 --> 00:06:34,740

Tough like the inside of a shark based on what Adam saw with Dr. McCosker stitched together. It should be just what the doctor ordered

56

00:06:36,700 --> 00:06:39,100

The leather's tough texture is perfect

57

00:06:39,460 --> 00:06:42,820

But finding the right tool to tailor it

58

00:06:44,740 --> 00:06:46,740

Is a much tougher task

59

00:06:49,260 --> 00:06:52,460

Maybe not but once Jamie goes old-school

60

00:06:54,540 --> 00:06:59,260

Sometimes simpler is better. He's able to go hell for leather on both the esophagus

61

00:07:00,500 --> 00:07:02,980

There's my gullet and the stomach

62

00:07:03,540 --> 00:07:08,700

Both of which are not only to scale for a jaw-sized great white. Well, there we go

63

00:07:09,380 --> 00:07:10,420

gullet

64

00:07:10,420 --> 00:07:11,380

stomach

65

00:07:11,380 --> 00:07:13,780

But also have just the right feel

66

00:07:14,540 --> 00:07:19,580

This feels very similar to what it felt like sticking my hand in that shark's mouth at the Academy

67

00:07:20,820 --> 00:07:22,820

It's coming together

68

00:07:24,860 --> 00:07:31,180

Next Jamie moves on to muscle mass not how to do it to again give the shark that authentic anatomy

69

00:07:31,820 --> 00:07:35,300

These bits right here are going to be my shark muscle

70

00:07:35,500 --> 00:07:38,980

So I'm going to saturate them with a urethane rubber

71

00:07:39,220 --> 00:07:43,260

So the thing here is to get this carpet to soak up this resin

72

00:07:43,900 --> 00:07:52,340

We'll kind of apply them like bandages and create bands of muscles that'll be nice and meaty looking and also provide

73

00:07:52,460 --> 00:07:56,820

The kind of fibrous tensile support that holds everything together

74

00:07:58,980 --> 00:08:01,180

That was the last screw it's all yours

75

00:08:01,940 --> 00:08:07,020

With the internal structure now locked and loaded it's time to slip the shark some skin a

76

00:08:08,060 --> 00:08:11,020

Layer of two inch thick upholstery foam. Oh

77

00:08:13,500 --> 00:08:21,900

He looks right in proper which once treated with a neoprene primer and paint will have a somewhat similar strength to real shark skin

78

00:08:23,100 --> 00:08:25,700

Like black eyes like a doll's eyes

79

00:08:26,660 --> 00:08:28,660

I

80

00:08:30,620 --> 00:08:36,660

Kind of want to name him right now. There's Bruce and then there's Buster. I dub him

81

00:08:37,500 --> 00:08:39,500

Brewster

82

00:08:39,540 --> 00:08:41,540

Time to smile for the camera Brewster

83

00:08:46,540 --> 00:08:48,540

Suddenly I don't want to go swimming

84

00:08:48,700 --> 00:08:54,020

In terms of anatomical accuracy their shark is second to none. Let's get shooting

85

00:08:54,140 --> 00:08:56,740

But before turning a tank torpedo

86

00:08:57,740 --> 00:08:59,740

There's a second story to start

87

00:09:03,180 --> 00:09:08,140

Pop quiz what is the name of quince boat in jaws? No idea

88

00:09:08,820 --> 00:09:15,580

Okay, hey, so what was called the orca which is good because our next myth involves orcas or killer whales go on

89

00:09:15,580 --> 00:09:21,140

Well, as you know orcas are natural predators of sharks even the big ones like great whites or tiger sharks

90

00:09:21,140 --> 00:09:25,660

So it stands to reason that sharks might be afraid of orcas, right? Right?

91

00:09:25,660 --> 00:09:33,140

So it also stands to reason that some people say you can effectively get sharks to leave an area by playing the sounds of orcas under water

92

00:09:33,140 --> 00:09:35,820

And the sharks will head for the hills apparently

93

00:09:36,420 --> 00:09:40,460

How to separate sharks and swimmers has been a dilemma for decades

94

00:09:40,940 --> 00:09:46,340

But can playing orca noises in shark infested waters really be the solution

95

00:09:47,340 --> 00:09:53,220

To find out Adam and Jamie have hit the deep blue sea

96

00:09:56,780 --> 00:09:58,780

They're coming up on the boat

97

00:10:00,500 --> 00:10:05,140

Maybe stating the obvious bit. I think we've come to the right place

98

00:10:05,540 --> 00:10:09,060

They've come to the right place in more ways than one

99

00:10:09,260 --> 00:10:12,740

There's another reason this location is perfect for our test today

100

00:10:12,740 --> 00:10:19,060

And that is because orcas are not unknown to these waters. It's not incredibly frequent, but it's not infrequent either

101

00:10:19,300 --> 00:10:27,300

So it's pretty likely that the sharks we're dealing with would have heard at some point the sound of orcas swimming orcas on the hunt

102

00:10:27,300 --> 00:10:29,380

All the sounds we're going to be playing for them

103

00:10:30,460 --> 00:10:38,900

Having experience with killer whales is not essential because the myth is supposedly an instinctive behavior shown by all sharks

104

00:10:39,140 --> 00:10:41,140

So what's the plan?

105

00:10:42,140 --> 00:10:44,780

So down below there's an old shipwreck pretty soon

106

00:10:44,780 --> 00:10:51,860

There's going to be this bait box full of fish bits this omnidirectional speaker and by the way lots of sharks

107

00:10:52,660 --> 00:10:53,540

Up here

108

00:10:53,540 --> 00:10:56,500

I'll be meaning a comm system that I can use to both talk to Jamie and

109

00:10:56,700 --> 00:11:01,580

Play sounds through that omnidirectional speaker sounds of our control and sounds of killer whales

110

00:11:01,580 --> 00:11:03,980

Oh, by the way monitoring all this from underwater

111

00:11:04,380 --> 00:11:11,820

None other than James Franklin D. Heinemann the D stands for danger. He's right. The D does stand for danger

112

00:11:12,900 --> 00:11:17,500

Once the danger man is suited and booted it's go time

113

00:11:28,300 --> 00:11:33,780

From the moment he hits the water Jamie's surrounded by sharks, you know what they say

114

00:11:33,980 --> 00:11:36,780

You're gonna swim in sharks. You're gonna get fit

115

00:11:38,580 --> 00:11:45,180

Hopefully not today and by the time he reaches the wreck where visibility is eerily limited

116

00:11:47,300 --> 00:11:49,900

The sharks aggression appears to increase

117

00:11:50,900 --> 00:11:52,900

They're coming in fairly close

118

00:11:53,660 --> 00:11:57,780

So much so that even the danger man is beginning to freak out

119

00:11:58,660 --> 00:12:03,140

Okay, we're seeing a lot of activity in tight close right now

120

00:12:04,980 --> 00:12:09,460

I must say the sharks behavior are being really aggressive

121

00:12:20,300 --> 00:12:26,020

It's shark week I love saying that we are in the Bahamas the waters full of sharks and a Heinemann

122

00:12:26,620 --> 00:12:31,580

And we're trying to determine if the sound an orca makes underwater is a reasonable shark repellent

123

00:12:32,540 --> 00:12:38,860

As this incredible footage shows even large tiger sharks are no match for killer whales

124

00:12:39,180 --> 00:12:45,780

But does that mean that on hearing their calls sharks will instinctively high tail it out of there terrified?

125

00:12:46,460 --> 00:12:50,420

Well having realized that the sharks aren't hungering for a Heinemann

126

00:12:52,420 --> 00:13:00,540

A more relaxed Jamie positions the underwater speaker. Hello guy, which will first play not orca sounds but a control

127

00:13:00,660 --> 00:13:06,260

What is our control noise? It is specifically recordings of the sounds that humpback whales make underwater

128

00:13:11,100 --> 00:13:17,300

This is an ideal control a number one they make very loud sounds that can be heard for many miles underwater to their

129

00:13:17,500 --> 00:13:20,460

Ubiquitous to all the oceans of the world three

130

00:13:20,460 --> 00:13:22,260

They are not predators of sharks

131

00:13:22,260 --> 00:13:28,980

So there's no reason the shark would look for any danger from the whale sound it makes an ideal control to the orcas sound

132

00:13:30,660 --> 00:13:32,660

It

133

00:13:33,300 --> 00:13:35,300

Looks like we've got around

134

00:13:35,300 --> 00:13:42,100

16 sharks very interested in what we're doing here on this wreck. I think we're good to go

135

00:13:42,660 --> 00:13:48,740

Copy that sir. I am about to press play on our control sound the humpback whale in three two

136

00:13:49,740 --> 00:14:03,460

That's definitely calling the home planet and again just for clarity

137

00:14:05,100 --> 00:14:07,780

At this point you might be wondering to yourself self

138

00:14:07,940 --> 00:14:14,920

How do sharks actually hear it's a good question and the answer is cool because they have two distinct organs for detecting sound

139

00:14:15,360 --> 00:14:18,000

First is their ears on each side of their head

140

00:14:18,000 --> 00:14:23,400

They have a hole that leads to an ear canal and inside of that are sensory macula which detect sound

141

00:14:23,720 --> 00:14:28,920

But in addition running down the length of their entire bodies is an organ called the lateral line

142

00:14:28,920 --> 00:14:34,800

Which can detect vibration and what can cause vibration underwater? Yes sound waves

143

00:14:37,120 --> 00:14:41,360

What that means is that the sharks are definitely hearing the whale song

144

00:14:42,040 --> 00:14:45,300

But reacting to it they ain't

145

00:14:55,600 --> 00:15:01,600

So will the sharks behavior change when they're hearing not whales, but their killer cousins

146

00:15:02,160 --> 00:15:07,760

Jamie we are commencing to play the orcas sounds in three two one and go

147

00:15:11,360 --> 00:15:13,360

You

148

00:15:20,120 --> 00:15:25,760

Can run but you cannot hide that's what they're saying first impressions are not good as the sharks neither run

149

00:15:33,480 --> 00:15:35,480

But all is not

150

00:15:35,760 --> 00:15:41,080

Just to be clear orcas apparently have a very sophisticated language lots of different sounds that they make

151

00:15:41,360 --> 00:15:43,560

Some are communicating with each other others are hunting

152

00:15:43,560 --> 00:15:49,960

We are playing a greatest hits medley of orcas sounds in case one of them trips up or triggers the sharks

153

00:15:49,960 --> 00:15:56,800

That's what we're looking for by playing a mix of sounds including what scientists think are hunting noises

154

00:15:57,480 --> 00:16:01,080

The guys are increasing the chances of the sharks getting spooked

155

00:16:05,680 --> 00:16:08,400

But after ten minutes of manic medley

156

00:16:09,120 --> 00:16:12,480

This so sounds like a later miles Davis album

157

00:16:14,120 --> 00:16:16,120

There's no change at all

158

00:16:27,120 --> 00:16:31,760

Copy that that's pretty definitive you want to come to the surface okay? I'm coming up

159

00:16:31,960 --> 00:16:36,360

Nice quick change I was chilly

160

00:16:36,920 --> 00:16:40,160

Okay, look I like the theory that this story

161

00:16:40,560 --> 00:16:47,480

Proposes that killer whales are a natural predator for sharks air go the sounds that killer whales make might make sharks

162

00:16:47,480 --> 00:16:50,920

I tell you that of the area that makes sense to me well

163

00:16:51,000 --> 00:16:56,760

It may make sense, but I didn't see any evidence of that at all those sharks didn't care what sounds we were playing

164

00:16:56,760 --> 00:17:01,460

So this one's busted. It's got to be all right. Let's go get some fish and chips sounds good

165

00:17:02,540 --> 00:17:04,540

I

166

00:17:09,280 --> 00:17:15,120

Max of jaws is one of the most famous finales in film history

167

00:17:21,680 --> 00:17:23,960

But when the myth busters put it to the test

168

00:17:24,480 --> 00:17:26,480

Three two

169

00:17:29,360 --> 00:17:32,900

They got not a bomb but a rocket hey

170

00:17:37,400 --> 00:17:39,400

Now ten years later

171

00:17:40,200 --> 00:17:43,560

The myth busters are re-tackling this fan favorite

172

00:17:43,840 --> 00:17:51,040

To find out once and for all if a rocketing air tank could have killed jaws our shark is of course done

173

00:17:51,040 --> 00:17:56,240

But that is only half of his raison death well it's time for you to go for a swim low buddy

174

00:17:56,360 --> 00:18:01,720

No in order to fulfill his given purpose. He needs to be shot at nice

175

00:18:02,880 --> 00:18:04,880

He's flying

176

00:18:04,960 --> 00:18:10,120

Specifically for the right ambience. He needs to be shot at in water. Oh, he looks so good

177

00:18:10,120 --> 00:18:15,800

And that is of course what's behind me pit 232 in lovely, I own California soon

178

00:18:15,800 --> 00:18:20,160

We will lower our shark into this water and we're gonna be shooting out on the movie

179

00:18:20,200 --> 00:18:22,720

Jaws has a scuba tank with its end right about here

180

00:18:23,400 --> 00:18:29,640

In our earlier tests we found that if we shoot a tank like that the air coming out of that makes the tank

181

00:18:29,880 --> 00:18:36,640

Effectively a rocket so for our first test we want to find out what happens to that rocket. Does it go through the esophagus?

182

00:18:37,320 --> 00:18:43,040

Because if it does and it makes it through the gullet and into the stomach our expert at Academy of Science

183

00:18:43,240 --> 00:18:49,440

Indicates that that's gonna mean that it's ruptured a bunch of sensitive organs along the way and that means a dead shark

184

00:18:50,600 --> 00:18:56,480

That's the theory and to put it to the test Brewster is carefully driven into the drink

185

00:19:04,160 --> 00:19:07,320

That right there my friends is a perfect freaking shark

186

00:19:09,040 --> 00:19:14,400

Adams right Brewster is the most anatomically accurate shark analog they've ever built

187

00:19:14,680 --> 00:19:19,940

But he's only complete with a standard scuba tank that's storing some serious energy

188

00:19:21,160 --> 00:19:23,760

That looks perfect Jamie excellent

189

00:19:24,800 --> 00:19:30,960

With nearly everything matching the clip including the gun and the distance to the target

190

00:19:31,200 --> 00:19:35,120

So how are you feeling? I'm feeling good. We're sighted in ready to shoot. All right

191

00:19:36,720 --> 00:19:42,240

Will they turn the tank into a shark killing torpedo the gun is hot

192

00:19:51,040 --> 00:19:53,040

I

193

00:19:53,040 --> 00:19:56,800

Can still see the tank, but it didn't make it past the gullet

194

00:19:58,120 --> 00:20:02,840

Well, we just put the tank in our shark's mouth. We fired at its bottom a perfect hit

195

00:20:03,760 --> 00:20:06,160

It behaved exactly as we expected

196

00:20:06,760 --> 00:20:12,020

The tank started releasing its pressure through the bullet hole which drove the tank into

197

00:20:12,480 --> 00:20:16,600

Brewster's gullet, but not past as esophagus at this point

198

00:20:16,600 --> 00:20:24,080

It looks like it might be survivable for our shark that the tank just got wedged in his throat and he could potentially

199

00:20:25,000 --> 00:20:30,360

Parastaltically cough it back up like 2005. They got a rocket and not a bomb

200

00:20:30,760 --> 00:20:38,560

Dude, it's not very toughly wedged in there and at a closer inspection shows that the rocket didn't have the power to sink their shark

201

00:20:38,960 --> 00:20:42,680

There's your problem. It's pretty good deal. You call the shark doctor

202

00:20:42,680 --> 00:20:48,560

So the bullet hole did in fact turn this tank into a bit of a rocket

203

00:20:49,480 --> 00:20:54,040

But it wasn't aggressive enough to actually do any damage to Brewster

204

00:20:54,040 --> 00:21:00,440

We didn't see any indication of ripping or tearing in the mouth or the esophagus and the tank went into the shark

205

00:21:00,440 --> 00:21:06,440

But it didn't go past the gullet. So as far as we can tell it's Brewster one Brody Nell

206

00:21:07,280 --> 00:21:12,120

Still to come Brody does get his fire in the hole three two

207

00:21:12,800 --> 00:21:13,800

one

208

00:21:16,800 --> 00:21:20,200

But next it's Adam's turn to put his life on the line

209

00:21:26,280 --> 00:21:32,120

The mythbusters have just confirmed that a tank that becomes a rocket courtesy of a bullet from Brody

210

00:21:35,520 --> 00:21:37,520

It's a fire-breathing dragon of a shark

211

00:21:38,120 --> 00:21:43,040

Would not have killed Jaws so it's time to go for a broke on the boom

212

00:21:44,960 --> 00:21:51,120

Now with the second test we are now going to try and implement the fan suggestion of not just shooting the tank with a bullet

213

00:21:51,120 --> 00:21:57,480

But shooting it on the angle creating potentially a wider bullet hole and a fatal breach that could potentially

214

00:21:58,000 --> 00:22:00,000

Cause the tank to explode. Let me explain

215

00:22:01,280 --> 00:22:04,360

Now in the previous test I shot the tank here now

216

00:22:04,360 --> 00:22:08,400

I'm going to be attempting to shoot about here that is on a much more

217

00:22:08,600 --> 00:22:14,280

Glancing angle to the surface of that tank and it could potentially cause either a wider bullet hole or

218

00:22:14,640 --> 00:22:21,160

The bullet could dig in and climb back out creating a breach that causes the tank to blow up completely

219

00:22:22,280 --> 00:22:29,400

That's the fan theory, but with a new tank for Adam to take down will they get the explosion this myth needs?

220

00:22:35,320 --> 00:22:41,880

I heard it go tank. I see a ricochet point dead center for the tank

221

00:22:44,840 --> 00:22:47,400

With no boom the guys go again

222

00:22:50,680 --> 00:22:55,560

I feel like I moved the tank and again how much abuse can this tank take

223

00:22:57,960 --> 00:23:03,000

It's just glancing off the side of that tank and a couple more times for good measure

224

00:23:03,800 --> 00:23:08,040

Now we fired six glancing shots to the side of the tank to get it to split open

225

00:23:08,680 --> 00:23:14,680

But they're all just a ricocheting off. So instead of these standard 30 odd six rounds

226

00:23:15,440 --> 00:23:20,400

We're going to use these which are 30 odd six armor piercing rounds

227

00:23:20,400 --> 00:23:25,400

If these can't cause a fatal breach while hitting the side of the tank well, then nothing will

228

00:23:26,360 --> 00:23:33,640

Fire from the same gun as the film will this armor piercing projectile finally deliver a detonation

229

00:23:44,760 --> 00:23:48,200

Now we had feedback or criticism rather from viewers that

230

00:23:48,520 --> 00:23:53,400

Said that Brody could have possibly hit a glancing blow along the side of the tank

231

00:23:53,400 --> 00:23:56,760

Which would open it up like a zipper and cause an explosion

232

00:23:57,320 --> 00:24:01,320

At this point we fired six bullets in that orientation of the tank

233

00:24:01,720 --> 00:24:07,080

And then a seventh one which was armor piercing and not one of them actually did that so at this point

234

00:24:07,240 --> 00:24:09,720

It's brooster two brody nil

235

00:24:10,600 --> 00:24:12,600

While brody works on a plan c

236

00:24:14,360 --> 00:24:16,360

What else is on the dark?

237

00:24:17,240 --> 00:24:21,640

Next up dead shark repellent. Why would you want to repel a dead shark?

238

00:24:22,200 --> 00:24:26,360

No, no the use of a dead shark as a repellent that supposedly

239

00:24:26,440 --> 00:24:29,160

The myth is sharks don't like the smell of other dead sharks

240

00:24:29,320 --> 00:24:33,400

Thus if you have the essence of dead shark on you, you will be protected from sharks

241

00:24:33,720 --> 00:24:38,680

Well, there's a certain morbid logic to that. I totally agree and I think we should test it

242

00:24:40,680 --> 00:24:42,440

Had to do just that

243

00:24:42,440 --> 00:24:47,080

It's back to the bahamas. What is the origin of this story? Well, it comes from fishermen

244

00:24:47,080 --> 00:24:52,280

They learned that if they dragged the dead shark behind their boat it kept sharks from eating their catch

245

00:24:52,840 --> 00:24:55,640

We are not going to test this by strapping a dead shark to jayme

246

00:24:55,880 --> 00:24:59,400

I'm getting in the water with those guys to be a little more scientific

247

00:24:59,400 --> 00:25:03,960

We're going to use this this little bottle is full of distilled essence of dead sharks

248

00:25:08,120 --> 00:25:11,480

That's bad to me, but apparently it's kryptonite to a shark

249

00:25:11,960 --> 00:25:14,280

Although it started as a fisherman's fable

250

00:25:14,920 --> 00:25:16,920

There is science to this story

251

00:25:18,200 --> 00:25:22,040

So i've done some research into this stench of death thing and it's pretty interesting

252

00:25:22,680 --> 00:25:27,080

It was first observed by the ecologist eo wilson and social ants

253

00:25:27,560 --> 00:25:32,920

He noticed that when an ant died its buddies picked it up and carried it off to some sort of ant cemetery

254

00:25:33,400 --> 00:25:37,800

And so he found that what was happening was that the ant was releasing something called

255

00:25:38,360 --> 00:25:43,080

Oleic acid when it died and the other ants were picking up on it and that's why they did that

256

00:25:43,480 --> 00:25:49,480

Since then other scientists have noticed the same phenomenon and things like cockroaches and wood lice

257

00:25:49,720 --> 00:25:53,640

And it kind of makes sense if you think about it. I mean if something killed your buddy

258

00:25:54,360 --> 00:25:56,360

It might want to kill you too

259

00:25:56,600 --> 00:26:03,880

That's the theory for insects, but sharks will supposedly head for the hills when they encounter the stench of death

260

00:26:04,760 --> 00:26:06,760

Time to put that to the test

261

00:26:06,760 --> 00:26:12,280

Here's our plan first up, of course, we need sharks to that end

262

00:26:12,360 --> 00:26:16,200

We buried a bait box full of fish guts in a fake rock down at the bottom

263

00:26:16,360 --> 00:26:21,000

And it is slowly doing our work for us of gathering together a large swarm of sharks

264

00:26:21,560 --> 00:26:25,800

When the swarm's big enough i'm gonna go down there and release essence of dead shark

265

00:26:26,440 --> 00:26:28,440

Right into the middle of it

266

00:26:28,680 --> 00:26:31,160

I will also be underwater, but a few dozen feet away

267

00:26:31,240 --> 00:26:37,400

So I can watch carefully for any behavioral difference in the sharks once jayme releases the essence

268

00:26:37,560 --> 00:26:41,080

Whether they get skittish whether they flee or whether they don't seem to notice at all

269

00:26:44,280 --> 00:26:48,440

For jayme the preparation's easy for adam not so much

270

00:26:48,840 --> 00:26:55,000

I got this thing with my ears there. It's a long story, but they're broken effectively and so I need to go down in a special helmet

271

00:26:55,400 --> 00:26:58,440

It'll give me full calm. I'll be able to talk to jayme best of all

272

00:26:58,840 --> 00:27:02,120

I'll be able to wear my glasses underwater. That's never happened before

273

00:27:03,160 --> 00:27:05,160

Slowly but surely

274

00:27:08,280 --> 00:27:15,080

Adam sinks to the seabed before he then takes up his position and starts crunching the numbers

275

00:27:16,760 --> 00:27:20,760

All right, I counted least uh one two three four five six seven

276

00:27:21,880 --> 00:27:25,000

At least a dozen sharks if not maybe close to 20

277

00:27:25,320 --> 00:27:31,800

That's jayme's cue to get in and swim to their bait filled fake rock

278

00:27:33,880 --> 00:27:35,880

How you doing over there adam?

279

00:27:36,200 --> 00:27:43,960

It's from here that he'll release the essence of dead shark from a pressurized balloon that should ensure a dramatic dispersal

280

00:27:47,320 --> 00:27:53,080

Okay, well, this is the real deal and as you can see we've got some sharks circling around here

281

00:27:53,320 --> 00:27:55,320

Here we go

282

00:27:55,880 --> 00:27:57,880

Oh

283

00:28:20,120 --> 00:28:24,520

What was once a shiver of sharks has just 90 seconds later

284

00:28:24,520 --> 00:28:28,200

become barren with not a single shark to be seen,

285

00:28:28,200 --> 00:28:30,860

despite the bait box staying in place.

286

00:28:30,860 --> 00:28:33,500

But that's not the only thing to note.

287

00:28:33,500 --> 00:28:36,200

The other fish, they don't seem to care.

288

00:28:36,200 --> 00:28:37,500

I totally agree.

289

00:28:37,500 --> 00:28:39,200

It's very apparent that the fish don't care

290

00:28:39,200 --> 00:28:40,440

about the smell of dead sharks.

291

00:28:40,440 --> 00:28:42,880

But all we do, the sharks seem to care.

292

00:28:42,880 --> 00:28:46,540

Three minutes in, and there's still no sharks.

293

00:28:46,540 --> 00:28:49,880

Jamie, it's almost like as it disperses the exclusion zone,

294

00:28:49,880 --> 00:28:52,380

it's wider and warmer.

295

00:28:52,820 --> 00:28:54,780

In fact, it's almost six minutes

296

00:28:54,780 --> 00:28:57,520

before some sharks start to venture back.

297

00:28:57,520 --> 00:29:00,020

And that's very good news for the myth.

298

00:29:00,020 --> 00:29:01,780

Well, that went spectacularly.

299

00:29:01,780 --> 00:29:03,960

As soon, I mean, the very second

300

00:29:03,960 --> 00:29:05,820

that Jamie clipped the zip tie,

301

00:29:05,820 --> 00:29:08,060

I watched the closest shark to him turn its head

302

00:29:08,060 --> 00:29:10,940

as if it was smelling the worst smell in the world.

303

00:29:10,940 --> 00:29:14,700

And within two minutes, the entire zone is clear of shark.

304

00:29:14,700 --> 00:29:17,440

That shark repellent, as far as I can see, worked.

305

00:29:17,440 --> 00:29:19,480

But it's not science unless it's repeatable.

306

00:29:19,480 --> 00:29:21,780

And so we're gonna try this test again.

307

00:29:21,840 --> 00:29:23,980

I think we're gonna take it up a notch.

308

00:29:23,980 --> 00:29:27,720

Yep, the boys are going to cue a feeding frenzy.

309

00:29:27,720 --> 00:29:30,220

I'm getting rewarned by the tales of these things.

310

00:29:35,320 --> 00:29:37,660

In the Jaws finale revisit,

311

00:29:41,460 --> 00:29:44,100

it's time to bring out the big guns.

312

00:29:44,100 --> 00:29:46,500

The myth of Brody shooting and exploding,

313

00:29:46,500 --> 00:29:49,240

the scuba tank in the shark's mouth is totally busted.

314

00:29:50,200 --> 00:29:52,360

We have definitively proven through a series

315

00:29:52,360 --> 00:29:54,700

of multiple tests that no matter what angle

316

00:29:54,700 --> 00:29:56,700

he was shooting that tank,

317

00:29:56,700 --> 00:29:58,240

he could not cause it to explode.

318

00:29:59,440 --> 00:30:01,940

But that does not mean that we are done shooting at stuff.

319

00:30:01,940 --> 00:30:03,440

For instance, what if instead of saying,

320

00:30:03,440 --> 00:30:04,780

I think we need a bigger boat?

321

00:30:04,780 --> 00:30:07,620

Brody's phrase was, I think we need a bigger gun.

322

00:30:08,580 --> 00:30:09,420

Found one.

323

00:30:10,260 --> 00:30:11,580

That's right.

324

00:30:11,580 --> 00:30:13,360

Instead of shooting at that tank with a bullet this big,

325

00:30:13,360 --> 00:30:14,700

we are now gonna be shooting at that tank

326

00:30:14,700 --> 00:30:16,520

with a bullet this big.

327

00:30:16,520 --> 00:30:18,480

Ha ha ha ha ha.

328

00:30:18,480 --> 00:30:19,320

Here we go.

329

00:30:20,420 --> 00:30:23,220

It's the last chance to learn for the myth.

330

00:30:23,220 --> 00:30:24,060

Gun is hot.

331

00:30:24,060 --> 00:30:27,420

But will a round from the 50 caliber sniper rifle,

332

00:30:27,420 --> 00:30:30,360

a gun way more powerful than Brody used,

333

00:30:30,360 --> 00:30:33,900

finally cause the dive tank to detonate.

334

00:30:33,900 --> 00:30:37,760

Okay, through the bottom of the tank with a 50 cal.

335

00:30:37,760 --> 00:30:41,440

And three, two, one.

336

00:30:42,940 --> 00:30:45,940

Oh, oh, hey, hey!

337

00:30:45,960 --> 00:30:48,500

Look at that, the tank is still spinning.

338

00:30:48,500 --> 00:30:50,100

Well, the tank didn't blow though.

339

00:30:50,100 --> 00:30:50,940

No, it didn't.

340

00:30:50,940 --> 00:30:53,000

It's rolling around behind the shark.

341

00:30:55,100 --> 00:30:57,380

Wow, that is a far out reaction.

342

00:31:00,140 --> 00:31:02,980

This test was always about the explosion.

343

00:31:02,980 --> 00:31:06,380

Can the super high caliber rifle cause a scuba tank

344

00:31:06,380 --> 00:31:08,260

to fail explosively?

345

00:31:08,260 --> 00:31:10,500

And the answer is no, it can't.

346

00:31:10,500 --> 00:31:13,220

Yet another test without a boom.

347

00:31:13,220 --> 00:31:14,260

But there's a wrinkle here, right?

348

00:31:14,260 --> 00:31:16,680

Because the larger bolt created by the 50 caliber bullet

349

00:31:16,680 --> 00:31:18,220

made that much more of a rocket effect,

350

00:31:18,220 --> 00:31:20,860

sending scuba tank, rocketing down the esophagus

351

00:31:20,860 --> 00:31:21,700

and into the gullet.

352

00:31:21,700 --> 00:31:25,500

And by every measure we were looking at, killed a shark.

353

00:31:25,500 --> 00:31:28,400

Yep, the bigger gun created a bigger hole,

354

00:31:28,400 --> 00:31:31,200

which generated enough thrust to turn the tank

355

00:31:31,200 --> 00:31:33,000

into a fatal torpedo.

356

00:31:34,440 --> 00:31:36,280

But by using the bigger gun,

357

00:31:36,280 --> 00:31:40,080

the guys were only interested in creating an explosion.

358

00:31:40,080 --> 00:31:42,820

And to that end, this test was a failure.

359

00:31:44,720 --> 00:31:48,260

To try one last time, the guys reset with the tank

360

00:31:48,260 --> 00:31:50,620

positioned across Jaws' mouth.

361

00:31:50,620 --> 00:31:53,860

But will this give them their brody boom?

362

00:31:53,860 --> 00:31:56,020

Even though that's not how it was in the movie,

363

00:31:56,020 --> 00:31:58,500

the walls are thinner through the middle of the tank.

364

00:31:58,500 --> 00:32:00,940

And if I shoot it clean through there,

365

00:32:00,940 --> 00:32:03,400

I think that's our best shot at actually having

366

00:32:03,400 --> 00:32:05,900

the whole tank break apart and cause the explosion

367

00:32:05,900 --> 00:32:07,040

that we're looking for.

368

00:32:08,280 --> 00:32:09,420

I'm good to go.

369

00:32:10,240 --> 00:32:14,420

In, three, two, one, firing.

370

00:32:16,420 --> 00:32:17,260

Whoa!

371

00:32:18,420 --> 00:32:19,420

What happened?

372

00:32:19,420 --> 00:32:20,920

I can't quite tell what happened.

373

00:32:20,920 --> 00:32:22,420

The tank is gone.

374

00:32:22,420 --> 00:32:23,420

Ha ha ha.

375

00:32:24,420 --> 00:32:27,420

Even with a 50-cow hitting the side of the tank,

376

00:32:27,420 --> 00:32:29,420

there's still no explosion.

377

00:32:29,420 --> 00:32:32,420

And that means there's only one conclusion to make.

378

00:32:32,420 --> 00:32:35,420

So the fans complained that we didn't do right by our shark.

379

00:32:35,420 --> 00:32:37,420

How do you want to call it now?

380

00:32:37,420 --> 00:32:40,420

Look, we have thrown everything we can at the scuba tank

381

00:32:40,420 --> 00:32:42,420

in the shark's mouth to get it to blow up.

382

00:32:42,420 --> 00:32:44,420

Armor piercing bullet, 50-caliber rifle,

383

00:32:44,420 --> 00:32:46,420

and nothing has done it.

384

00:32:46,420 --> 00:32:48,420

I think we've definitively proven there is no way

385

00:32:48,420 --> 00:32:51,420

you can get that type of tank to blow up with a bullet.

386

00:32:51,420 --> 00:32:53,420

This thing is totally busted.

387

00:32:53,420 --> 00:32:54,420

You agree?

388

00:32:54,420 --> 00:32:55,420

Yep. Let's go.

389

00:32:55,420 --> 00:32:56,420

All right.

390

00:32:59,420 --> 00:33:00,420

That's not it.

391

00:33:00,420 --> 00:33:02,420

Oh, yeah, you still get to watch a shark explode.

392

00:33:02,420 --> 00:33:04,420

Yeah, this is Mythbusters after all.

393

00:33:07,420 --> 00:33:11,420

Make no mistake, this myth will end with a bang.

394

00:33:15,420 --> 00:33:18,420

But first, it's back to shark central,

395

00:33:19,420 --> 00:33:22,420

where, after a stellar start...

396

00:33:22,420 --> 00:33:23,420

Wow!

397

00:33:23,420 --> 00:33:27,420

And it was, like, instantaneous the moment you cracked the seal.

398

00:33:27,420 --> 00:33:31,420

The guys are all set to see if the smell of dead shark

399

00:33:31,420 --> 00:33:33,420

can pass the ultimate test.

400

00:33:34,420 --> 00:33:37,420

We're about to do this test again with a critical difference.

401

00:33:37,420 --> 00:33:40,420

The last time, we had a bait box putting out a scent trail

402

00:33:40,420 --> 00:33:42,420

that the sharks find interesting.

403

00:33:42,420 --> 00:33:43,420

So that's what we had.

404

00:33:43,420 --> 00:33:46,420

We had a bunch of interested sharks swimming through,

405

00:33:46,420 --> 00:33:48,420

kind of wondering where the food is.

406

00:33:48,420 --> 00:33:50,420

This time, we're going to have the same,

407

00:33:50,420 --> 00:33:53,420

but we're also going to be feeding them down there.

408

00:33:53,420 --> 00:33:55,420

Feeding them a lot.

409

00:33:55,420 --> 00:33:57,420

We want them on the edge of a frenzy.

410

00:33:57,420 --> 00:33:58,420

This increases the number of sharks,

411

00:33:58,420 --> 00:34:01,420

increases how interested in food they are.

412

00:34:01,420 --> 00:34:03,420

It also radically increases our danger,

413

00:34:03,420 --> 00:34:06,420

but it is exactly the kind of worst-case scenario

414

00:34:06,420 --> 00:34:09,420

that you would want a shark repellent to work in.

415

00:34:10,420 --> 00:34:14,420

Deliberately creating a feeding frenzy is seriously dangerous.

416

00:34:15,420 --> 00:34:18,420

So much so that Jamie's taking no chances.

417

00:34:19,420 --> 00:34:22,420

We are, in fact, talking about creating, intentionally,

418

00:34:22,420 --> 00:34:25,420

a feeding frenzy, and we're going to have to prepare for that

419

00:34:25,420 --> 00:34:28,420

because things could get a little out of control.

420

00:34:28,420 --> 00:34:31,420

In fact, we kind of want them to get a little out of control.

421

00:34:31,420 --> 00:34:34,420

The chain mail should keep Jamie safe,

422

00:34:34,420 --> 00:34:36,420

but there's a problem.

423

00:34:36,420 --> 00:34:40,420

Unfortunately, my head kind of stands out like a beacon.

424

00:34:40,420 --> 00:34:43,420

Everything else is covered except my head.

425

00:34:43,420 --> 00:34:46,420

And these masks that allow us to talk,

426

00:34:46,420 --> 00:34:49,420

they don't allow me to put the chain mail over it

427

00:34:49,420 --> 00:34:51,420

because it messes with the seal.

428

00:34:51,420 --> 00:34:55,420

So the beret is going to have to do.

429

00:34:59,420 --> 00:35:02,420

Like last time, Adam heads in first,

430

00:35:02,420 --> 00:35:06,420

and it's immediately clear that the sharks are both hungry...

431

00:35:06,420 --> 00:35:09,420

The sharks are trying to eat our camera.

432

00:35:09,420 --> 00:35:11,420

...and numerous.

433

00:35:11,420 --> 00:35:13,420

Every now and then, one of these sharks

434

00:35:13,420 --> 00:35:15,420

was right towards me with a really curious look in his eye.

435

00:35:15,420 --> 00:35:17,420

I do not like that look.

436

00:35:17,420 --> 00:35:20,420

Next, Jamie enters the ring,

437

00:35:20,420 --> 00:35:23,420

and the feeding frenzy can begin.

438

00:35:23,420 --> 00:35:29,420

Yeah, these guys are like inches away from me.

439

00:35:29,420 --> 00:35:32,420

You are really surrounded.

440

00:35:32,420 --> 00:35:34,420

With food in the water,

441

00:35:34,420 --> 00:35:37,420

the sharks are coming closer than ever before.

442

00:35:37,420 --> 00:35:42,420

For some reason, I kind of feel like I should be keeping my hand

443

00:35:42,420 --> 00:35:44,420

close to my body.

444

00:35:44,420 --> 00:35:48,420

Which is perfect for this ultimate test.

445

00:35:48,420 --> 00:35:50,420

Jamie, I think you can do it.

446

00:35:50,420 --> 00:35:53,420

I think we'll count down from five, okay?

447

00:35:53,420 --> 00:35:58,420

Five, four, three, two, one.

448

00:36:08,420 --> 00:36:10,420

When it comes to sharks...

449

00:36:10,420 --> 00:36:12,420

Oh, my lord.

450

00:36:12,420 --> 00:36:14,420

The mythbusters have history.

451

00:36:14,420 --> 00:36:16,420

It was like...

452

00:36:16,420 --> 00:36:18,420

From trying to attract them...

453

00:36:18,420 --> 00:36:21,420

There we go. That's what I'm talking about.

454

00:36:21,420 --> 00:36:23,420

...to fending them off.

455

00:36:23,420 --> 00:36:25,420

I got it.

456

00:36:25,420 --> 00:36:30,420

The guys have spent 12 years putting 25 fishy fables to the test.

457

00:36:30,420 --> 00:36:32,420

I'm just putting one of those

458

00:36:32,420 --> 00:36:34,420

with the tail of my generating moment.

459

00:36:34,420 --> 00:36:36,420

Over.

460

00:36:37,420 --> 00:36:40,420

But in our own California,

461

00:36:40,420 --> 00:36:43,420

it's finally time for the one that got away.

462

00:36:43,420 --> 00:36:46,420

Whoa! Ho!

463

00:36:46,420 --> 00:36:49,420

I know that we are famous for saying failure is always an option,

464

00:36:49,420 --> 00:36:52,420

but having failed to make that shark explode so far,

465

00:36:52,420 --> 00:36:54,420

it is time to stop failing.

466

00:36:54,420 --> 00:36:56,420

We are getting rid of the guns,

467

00:36:56,420 --> 00:36:59,420

and we are going to make this tank explode with an old friend of ours.

468

00:36:59,420 --> 00:37:01,420

That's right. Jamie's favorite.

469

00:37:01,420 --> 00:37:03,420

C4.

470

00:37:03,420 --> 00:37:05,420

One in doubt. C4.

471

00:37:05,420 --> 00:37:08,420

Now, the amount of C4 we've got on the side of this tank

472

00:37:08,420 --> 00:37:11,420

is not enough to blow up that shark, and that's on purpose.

473

00:37:11,420 --> 00:37:13,420

This is enough to breach this tank

474

00:37:13,420 --> 00:37:16,420

so we can answer definitively whether the released energy

475

00:37:16,420 --> 00:37:20,420

from this exploding tank can blow up that shark like we saw in Jaws.

476

00:37:21,420 --> 00:37:26,420

The tiny amount of C4 is effectively the catalyst in this reaction.

477

00:37:26,420 --> 00:37:29,420

It's always nice when you know you're doing something for the last time.

478

00:37:30,420 --> 00:37:32,420

Just enough to rupture the tank

479

00:37:32,420 --> 00:37:36,420

and release almost one million joules of energy from inside.

480

00:37:36,420 --> 00:37:38,420

All right. There we go.

481

00:37:38,420 --> 00:37:40,420

But what will that do to Brewster?

482

00:37:40,420 --> 00:37:42,420

You've served us well,

483

00:37:42,420 --> 00:37:46,420

and I appreciate you donating your fake body for science.

484

00:37:49,420 --> 00:37:51,420

All right. This one's for the money.

485

00:37:51,420 --> 00:37:55,420

This is the big movie finale shot, Exploding Shark in...

486

00:37:55,420 --> 00:38:02,420

Five, four, three, two, one.

487

00:38:05,420 --> 00:38:07,420

Oh!

488

00:38:12,420 --> 00:38:14,420

That was worth it.

489

00:38:14,420 --> 00:38:16,420

It took the head clean off.

490

00:38:24,420 --> 00:38:27,420

It's a boom to make Brody proud.

491

00:38:30,420 --> 00:38:33,420

The air tank delivered such a huge payload

492

00:38:33,420 --> 00:38:36,420

that Brewster was blown sky high.

493

00:38:36,420 --> 00:38:39,420

And while the movie scene itself was busted,

494

00:38:39,420 --> 00:38:43,420

the explosion was definitely worth the wait.

495

00:38:52,420 --> 00:38:56,420

Surrounded by more than 20 feeding frenzied sharks...

496

00:38:56,420 --> 00:38:59,420

Yeah, these guys are like inches away from me.

497

00:38:59,420 --> 00:39:01,420

You are really surrounded.

498

00:39:01,420 --> 00:39:05,420

This is the ultimate test for the Dead Shark repellent.

499

00:39:05,420 --> 00:39:09,420

Because if it can shoo away sharks that are in attack mode,

500

00:39:09,420 --> 00:39:12,420

then it'll be well and truly mission accomplished.

501

00:39:12,420 --> 00:39:14,420

Jamie, I think you can do it.

502

00:39:14,420 --> 00:39:17,420

I think we'll count down from five, okay?

503

00:39:17,420 --> 00:39:22,420

Five, four, three, two, release.

504

00:39:22,420 --> 00:39:24,420

Okay. Here we go.

505

00:39:24,420 --> 00:39:26,420

Okay. It's out.

506

00:39:26,420 --> 00:39:28,420

Now look at them.

507

00:39:28,420 --> 00:39:30,420

They're totally high-tailing it out of the area.

508

00:39:30,420 --> 00:39:32,420

Amazing.

509

00:39:32,420 --> 00:39:36,420

It's leaving a sinking ship, the sharks flee en masse.

510

00:39:36,420 --> 00:39:38,420

What an instantaneous effect.

511

00:39:38,420 --> 00:39:41,420

Where there were 20, there's now just two.

512

00:39:41,420 --> 00:39:44,420

Well, that only took seconds.

513

00:39:44,420 --> 00:39:46,420

There's still sharks around to be sure,

514

00:39:46,420 --> 00:39:50,420

but one second I was in a ball of them,

515

00:39:50,420 --> 00:39:53,420

and now they're just not here.

516

00:39:53,420 --> 00:39:55,420

They instantly left me.

517

00:39:55,420 --> 00:39:58,420

Well, ten years of trying a whole bunch of shark repellents,

518

00:39:58,420 --> 00:40:00,420

we seem to have found one that works amazingly.

519

00:40:00,420 --> 00:40:02,420

Yeah, I'd agree.

520

00:40:02,420 --> 00:40:06,420

You want a shark repellent when you feel like you're in danger.

521

00:40:06,420 --> 00:40:10,420

And I was feeling like things were getting pretty intense there.

522

00:40:10,420 --> 00:40:13,420

So I released this stuff right at the height of that,

523

00:40:13,420 --> 00:40:15,420

and it instantly chilled things.

524

00:40:15,420 --> 00:40:18,420

That's exactly what you want a shark repellent.

525

00:40:18,420 --> 00:40:22,420

Yep, the test literally couldn't have gone any better.

526

00:40:22,420 --> 00:40:27,420

And like last time, it's more than five minutes before the sharks return.

527

00:40:27,420 --> 00:40:29,420

So, what's the verdict?

528

00:40:32,420 --> 00:40:34,420

So, our shark repellent works.

529

00:40:34,420 --> 00:40:36,420

That's one way to put it.

530

00:40:36,420 --> 00:40:39,420

A more accurate scientific way to put it would be that our shark repellent worked

531

00:40:39,420 --> 00:40:41,420

on the sharks we encountered today,

532

00:40:41,420 --> 00:40:44,420

specifically reef sharks and nurse sharks.

533

00:40:44,420 --> 00:40:46,420

But here is the most interesting fact.

534

00:40:46,420 --> 00:40:48,420

The essence of dead shark we were using

535

00:40:48,420 --> 00:40:51,420

didn't come from either of those two species.

536

00:40:51,420 --> 00:40:54,420

So we could extrapolate that our shark repellent might work

537

00:40:54,420 --> 00:40:57,420

against many, many different species of sharks.

538

00:40:57,420 --> 00:40:59,420

And that is darn cool.

539

00:41:01,420 --> 00:41:04,420

So after all these years, we found a shark repellent that works.

540

00:41:04,420 --> 00:41:05,420

Yeah, it's confirmed.

541

00:41:05,420 --> 00:41:07,420

I'd say it's totally confirmed. Amazing.

542

00:41:07,420 --> 00:41:09,420

Because being in the water making you as hungry as it makes me,

543

00:41:09,420 --> 00:41:11,420

I need a burger right now.

544

00:41:11,420 --> 00:41:12,420

Yeah, let's go.

545

00:41:12,420 --> 00:41:14,420

Let's get out of here.

546

00:41:14,420 --> 00:41:16,420

Bye, sharks.

547

00:41:16,420 --> 00:41:18,420

Thanks for playing.