this is the second mission on Nemo where we've looked at at visiting an astrolabe

if you go back to your experience onboard shuttle and roaming around

station how do you find that that life on Aquarius compares or does it in the morning to late at night do all that work here's of the shuttle but the inside of the Cubs hat which is about the size of a school bus station and we had a week of training leading up to this we were taught about the redundant systems and just a couple days to do we experienced those are redundant systems
when there one of the AC power went down

and folks came out and got the other AC

power going because we had a storm going

on

here and it reminds me a lot about a

space system with all of our power

redundancies are ways to provide to

scrub the carbon dioxide so there's so

many good comparison places that I've

had a chance to visit based on what you

imagined a mission to an asteroid would

be like since we haven't done that yet

do you see you see this training as

realistic is it is it something that
that you find beneficial and add some realism to your thoughts about what it will really be like when you get to go to an asteroid. It's very incredibly realistic mission.

I was lucky enough to do a cave mission last September with the European Space Agency and that was what I thought at the time was a good analog versus a sight but I don't think you can be Aquarius and what we've been doing down here as far as the space analog is concerned it's the next best thing to us.
slightly going into space

00:02:34,129 --> 00:02:39,169
I would imagine being down here and

00:02:36,769 --> 00:02:41,959
isolated as a crew working together for

00:02:39,169 --> 00:02:44,169
a long period of time being able to do

00:02:41,959 --> 00:02:47,150
useful buoyancy tasks that we've done

00:02:44,169 --> 00:02:49,159
and also being involved with the

00:02:47,150 --> 00:02:51,439
submersibles and the ability to bring

00:02:49,159 --> 00:02:53,509
you know big pieces of machinery down

00:02:51,439 --> 00:02:56,419
here deep worker submersibles working

00:02:53,509 --> 00:02:59,000
with real rocks real sediments it's been

00:02:56,419 --> 00:03:02,629
a fantastic simulation scenario

00:02:59,000 --> 00:03:05,389
and a tremendous mission and I think I

00:03:02,629 --> 00:03:07,159
have gained a huge amount I've learned a

00:03:05,389 --> 00:03:09,109
lot about myself and I've learned a lot

00:03:07,159 --> 00:03:12,349
about my crewmates we've had a great
time really well and it has been an experience around one that I will treasure and I will learn an awful lot from and into my space mission today I understand is the 40th anniversary of title 9 which was the act that actually made it possible for women to to more in energetically get into the fields of science and engineering by actually entering those fields of study and in colleges and universities most people think about it all the time with respect to athletics but it also opened new avenues for women you're an incredible
role model for my three granddaughters

and hopefully they're going to watch this as we replay it and

maybe one at least one of them will want

to be where you are today when they grow

up well I have to say that I am very glad that title 9 came along

you know my mom is a mathematician and I grew up just knowing that because of her

strengths that um I was interested in

math and science and I know that she had

had to face some struggles but

thankfully in my generation I was able to study science and and never have to
deal with as a faceless ain't struggle

and I was able to be an athlete in college and run on both the cross-country and track team and compete there and my daughter who is just now five and it's probably also watching with your granddaughter believe that she can do whatever she wants and knows no boundaries and I am so proud of her and I'm so thankful for all that led before yeah hey Doc tell them that their power inflator might fall behind the left shoulder so they might have to reach up
yeah