hello again let's begin the breasts

confirmation for the 29th expedition

light to the space station first let us

introduce the crew anton shkaplerov

commander and flight engineer for the

station and believe I CDT Venetian from

the Russian space station he will be a

flight engineer on Isis NASA astronaut

flight engineer and commander of the

crew mr. Venusian in advantage from the

space station seeking college from a

Scotsman's russian flight engineer and

flight engineer for the ISS and nasa

astronaut flight engineer and commander
also we have ahead of the corporation

Sergey Kovalev Regina mrs. Newcomb

easy-bo-breezy now we have already

performed the enter the Commission to

for the preparedness of the flight okay

better sound okay we have that we have

already performed the commission for the

flight readiness of the crew the crew

has already performed most of their

training they have performed the

training on all of the training stations

and as a few days after that the

Commission is taken and the crew begins

the next stage of training already on
00:01:54,209 --> 00:01:59,399
the baikonur cosmodrome now we've had a

30
00:01:56,909 --> 00:02:02,820
little bit of a hold up with accident of

31
00:01:59,399 --> 00:02:05,640
the progress cargo vehicle it is

32
00:02:02,819 --> 00:02:09,598
necessary to determine the final causes

33
00:02:05,640 --> 00:02:11,098
oh this accident we've had I needed to

34
00:02:09,598 --> 00:02:13,179
have some additional time to make the

35
00:02:11,098 --> 00:02:15,419
decision about the launch

36
00:02:13,180 --> 00:02:20,290
as you know the launch was slipped back

37
00:02:15,419 --> 00:02:22,328
now it is planned for the 14th who did I

38
00:02:20,289 --> 00:02:27,328
miss you based on the results of the

39
00:02:22,329 --> 00:02:30,099
Commission the crew is determined to be

40
00:02:27,329 --> 00:02:31,659
Jeff performed the first stage of

41
00:02:30,098 --> 00:02:33,518
training and the crim nation has been

42
00:02:31,658 --> 00:02:36,068
given to prepare the final stage of

43
00:02:33,519 --> 00:02:39,519
training on the baikonur cosmodrome as

44
00:02:36,068 --> 00:02:42,188
you will know cosmos usually arrive at

45
00:02:39,519 --> 00:02:44,319
the Cosmodrome and then begin their

46
00:02:42,188 --> 00:02:47,650
final training for the program the

47
00:02:44,318 --> 00:02:50,798
flight program the first stage is ready

48
00:02:47,650 --> 00:02:53,430
and now the crew begins the next stage a

49
00:02:50,799 --> 00:02:56,109
few days later already on the Cosmodrome

50
00:02:53,430 --> 00:02:59,980
please build this is planned for the

51
00:02:56,109 --> 00:03:01,569
31st as far as I understand yes the 31st

52
00:02:59,979 --> 00:03:03,068
they will fly to your bike and order and

53
00:03:01,568 --> 00:03:05,438
just trying to answer some of the

54
00:03:03,068 --> 00:03:07,268
questions that you may have what about

55
00:03:05,438 --> 00:03:11,138
what has the group been doing all this

56
00:03:07,269 --> 00:03:15,790
time since the launch of the vehicle has

57
00:03:11,139 --> 00:03:17,799
was slipped a little bit and since there
is a slight extension of the crew on board that is on board right now but it's just a few days just a week so the amount of time that the crews will be together has decreased and so we've had some juice extra time right now before the Korea rise to Baikonur Baikonur and the crew has been preparing for the handover because they will have a little bit less time of the handover right on station so as theirs out we've added additional training for the handover they've been speaking with the crews that have been already on stage in the
previous crews that were there to get a better picture, better understanding of how the handover is going to happen, but this is nothing new; we've had this shortened period of handover several times over the last few days and also I participated several times in a short handover, over a period of just a few days and so in this case, the caress has been prepared even better for the handover while still on the ground, these are just some general words. more specific questions please go ahead. thank you, gentlemen; first of all, I
want to let you know that I want to congratulate you with this flight that you are ready to go and I know there are some changes there were some changes and congratulations that everything went well and here's the traditional question about the talisman what are you taking with us and if your friends and family will be there to send you off solution anything yes there is a tradition we are all taking small talismans with us I'm taking a little toy that my little daughter gave me it is it will play the role of a zero-gravity indicator will
hang it on a small string up in the

00:05:21,250 -- 00:05:26,110
habitation module and then after the

00:05:23,680 -- 00:05:30,009
launch once we reach space in about 10

00:05:26,110 -- 00:05:34,030
minutes once this little toy starts

00:05:30,009 -- 00:05:36,240
flying it will tell us that we have

00:05:34,029 -- 00:05:38,829
reached zero gravity we are in space

00:05:36,240 -- 00:05:41,740
this is a good luck charm to show that

00:05:38,829 -- 00:05:46,478
the lunch for the for lunch to go safe

00:05:41,740 -- 00:05:50,769
this is a small a small toy it's like a

00:05:46,478 -- 00:05:53,079
small little birdie it's it's kind of a

00:05:50,769 -- 00:05:54,939
cute little thing the dot my daughter

00:05:53,079 -- 00:05:57,219
really loved it and so she asked me to

00:05:54,939 -- 00:06:01,269
take you along with me two spaced and of

00:05:57,220 -- 00:06:03,669
course to bring back to her what else

00:06:01,269 -- 00:06:08,589
are you taking me be the stylist was
moving I also had the opportunity to take a small icon that I was given in Sevastopol this is the place where there's the Vladimir Cathedral it's a special place because based on folklore in the Orthodox faith the the ruler was actually a Christian they're the rulers name is Vladimir it was nice so you can say that that was the birthplace of our Orthodox faith when used on Saburo and the priest in charge of the of this Cathedral he gave me personally the icon so that the daikon would bless our trip it would
bless our launch and I was a break

be bringing the icon back thank you very

I think I don't really won't

mind if we use a one of if we use

his is your gravity indicated because I

haven't had any toys in a while my son

is pretty old and all the toys that he's

used they're pretty heavy so I won't be

able to use them as for me I'm taking

just some some pictures some images that

i'll be taking along one with the flu

she did I think this is a very good

tradition that you've had our we've done

this on the shuttle as well I will have
with me some photographs of my family in

a few flag small flags and loans from the Coast Guard for example

I think all of these are really important for us to stay connected and remember all the folks that are here on your fair supporting us turn ignition and get it's a physical representation those that we love and care about and a great place to put a lot of those things around the walls of the crew quarters

would you be sure I just want to add that this this toy is not just an indicator of zero gravity but also an
overload because I don't know if you

noticed which is as the toy swings which

is the division you can tell by the

frequency of the swings whether there's

an overload for example between the

switch from one stage of flight to the

second stage light the first information

that you get is to see how the vehicles

doing based on what the motion of the

little toy is telling you since this

launch is happening but later in

November the one that was initially

planned for November will be happening

in December these gentlemen will be

flying alone just a three-person crew
until mid-december when the second crew will arrive so the plan to have children vector six-person crew is by mid-december machinery toonesti and so we had a little bit of us lip and a lot of our plans but since there's launching a bit later the flight will also be a little bit shorter to get back to the standard flight program plan so I have a question about the plans for all the science experiments that are planned for you what do you think is the most interesting experiment planned for you well yes there are a lot of
experiments about 50 experiments per crew member because there's about 200 experiments on station I think one of the most interesting for me will be an experiment called cheapest you'll see me this will be performed on the progress that would be docked to the station prior to being burned as it enters the atmosphere there will be a special container which will contain a satellite which is called which is the experiment cheapest so after undocking the progress vehicle will be about 500 kilometers away from station at a point at which
the this container with the satellite

inside will be launched away from the shuttle it will orbit around the earth

as the progress moves into Earth this is only just the second the type of this experiment the first experiment similar to this was much smaller so I think this would be a lot more interesting our task will be to install very carefully the experiment so that the docking and undocking of the progress would go nominally yes we've got done I think we've already said we've got several hundred experiments it'll be done during
our time on board space station for me

some of the most interesting although

not necessarily the mo

enjoyable because often were the

subjects for them but some of the most

interesting other ones that that study

how human beings adapt to spaceflight

and these experiments take a global look

at how the human organism changes this

case a lot of those changes are very

similar to some of the changes that

people experience here on planet Earth

during the moment aging process so to me

these represent ways that we can get

direct benefit from the space station
that helps people here on earth but also

from the perspective of a bit of an

astronaut or cosmonaut it also

represents a way that we can make

spaceflight safer so we can become truly

a spacefaring people for two of you this

is your first flight all all kids dream

of being a dream of being pilots what

about you have you ever dreamed about

being a crosman on before well I think

that it is it's not something that I've

dreamed about particularly i see it as

an important step in our courier and

important step in our within our growth
will
and when I look back I've been coming to
this to a stage in my career for a long
time but I think that once I see Earth
from the space station for the first
time then I will really feel this
accomplishment I understand how born and
just as for me I don't want to
disappoint everyone but I have dreamed
of being a pilot all my life I remember
a moment when i was in about 10th grade
we had some class i think i think you
had to do with the psychology of family
life and there we had couples boy a girl
and they had to develop a family and all

of my all of my classmates said what was expected and they said that they're going to be engineers and i said well i was going to be a cosmonaut and we were very successful because as my pretend family because i was a cosmid that was never at home thank you very much we would like to invite mr. Nikolai buddy switch from the Federation of cosmonautics he is brought to gifts for the two cosmonauts flying for the first time first of all i'd like to congratulate you on behalf of the
president of the Confederation of

00:14:33,860 --> 00:14:39,389
cosmonauts of Russia mr. William for the

00:14:37,889 --> 00:14:43,220
completion of the training for the

00:14:39,389 --> 00:14:46,220
upcoming flight and in accordance with

00:14:43,220 --> 00:14:49,350
the international flight earned

00:14:46,220 --> 00:14:51,450
organization for year all crew members

00:14:49,350 --> 00:15:06,490
who are getting ready for their first

00:14:51,450 --> 00:15:09,730
flight they are to receive a special

00:14:54,480 --> 00:14:59,580
identification card an international

00:14:56,960 --> 00:15:03,889
identification card and these were

00:14:59,580 --> 00:15:06,490
prepared for the 20 quality of life

00:15:03,889 --> 00:15:09,730
anton shkaplerov and

00:15:06,490 --> 00:15:11,500
all right don't leave Venetian but these

00:15:09,730 --> 00:15:14,709
two gentlemen are getting ready for

00:15:11,500 --> 00:15:16,649
their first flight and so I'd like to
give these two certifications for them

the number 135 for Anton Shkaplerov and 136 for I'm not only Venetian thank you

thank you so much thank you it is in

here so they will take these ideas with

them and they will take them with them

on all subsequent flights as well jovita

school I'd like to note that this certification it has international

immunity it is in five languages written

there is a statement and file languages

on the last page with a request to

provide all sorts of support to the

owner of the certification and I would
just like to say that I will be supporting you from down here from 450 kilometers below your space station

be able to get and just to add on to what the crew will be taking with us

with them this is actually the only identification that the crew members will be taking with them to flight

usually I also received such a certification a long time ago before my first flight and six times it's come with me so I hope that they will also take it along and there will be long history written up in those thank you
next question to fly on this flight

particularly and if anything the crash

of the progress showed the continuing

risks of flying to space and why is it

why is it worth the risk to become a

spacefaring people like you said I think

that that we've learned something

recently and we've relearned this lesson

many times over the years and that is

that space flight is very difficult it's

one of the hardest things that human

beings have ever tried to do and it's

going to continue to be that way for for

quite a long time to come but I really
believe that that it's manages destiny
to fly in space this is what
we're going to do and it's by overcoming
the challenges that we have that the
space program gets safer the Soyuz
rockets will be safer than they've ever
been the space shuttle after our
experiences with challenger and then
with Columbia became safer than the ever
been before and with each of these
things we make space flight in general 6
and that's a normal process and it's a
good opportunity for us to work together
all the partners of space station as as
human beings in this great endeavor so
in general right now I think we've got a great opportunity to build a whole host of new vehicles that get us to space in many different ways I believe that will continue to explore space and will do it better and better and we'll do it together and and I'm just delighted to have a chance to fly with these great crew members and friends and to to help continue the voyage that we've all set out in space work so so human beings should do this we will do this and at the risk of being too long-winded here let me just say one thing as an example
a concrete example about how we made how
we learn from this lesson and actually
made things better ordinarily we have
two months or four months of hand over
time on orbit this time we have maybe
time because of the
situation that hand over time has
already begun we have spent the last six
weeks training working with the crew on
board space station through video
conferences through phone calls through
downlink video so we in essence i think
are better prepared now than we probably
would have been had we had the limited
time that we ordinarily have on board to

work together we Antón Anatoly are

talking with Sergei a couple of times a

day and and I'm also working with with

Mike and Satoshi learning about the u.s.

segment systems and I've got dozens of

hours of videotape that show me just how

to operate those

then you have another question for

Daniel so you're flying on the Soyuz for

the first time as Buster the shadow what

are the similarities and the differences

between the shadow on the soy is to me

that the Soyuz is like a sports car with
a shuttle is like a man 18-wheeler and

I'm very much looking forward to the

ride uphill and so you and I think it

will be maybe a little bit it'll be less

room to move about in on board so used

before we dock but but I have since i

began my career with NASA have always

wanted to fly on your rocket like in a

small vehicle like the so you so I'm

very much looking forward to it and it

hasn't changed me we're in light of

recent past couple myself very much

fancy widget meinke you believe during

your flight on ISS there will be small

anniversary series will be doing the ISS
400
00:20:53,460 --> 00:21:03,269
will have the 75th 75,000 orbit around

401
00:21:00,138 --> 00:21:06,838
Earth how are you planning to celebrate

402
00:21:03,269 --> 00:21:10,048
this well I think we'll serve celebrate

403
00:21:06,838 --> 00:21:13,888
in our own little space way maybe we'll

404
00:21:10,048 --> 00:21:16,999
have a family gathering around the table

405
00:21:13,888 --> 00:21:16,998
we'll have some tea

406
00:21:17,890 --> 00:21:24,620
we'll open up our bonus containers have

407
00:21:21,170 --> 00:21:29,800
some special food have a feast we'll

408
00:21:24,619 --> 00:21:32,750
talk about it and of course we'll try to

409
00:21:29,799 --> 00:21:34,669
send our hellos to those who are on the

410
00:21:32,750 --> 00:21:37,279
ground who are continue to support

411
00:21:34,670 --> 00:21:40,070
station from the ground who continue the

412
00:21:37,279 --> 00:21:41,420
cosmonaut training will send our best to

413
00:21:40,069 --> 00:21:45,470
the cross months we've already been
there as it was thank you very much I

just want to add blue bus letting you

know that I am wondering you're probably

wondering what has been going on that

this past week these past weeks the crew

members have been in have been

cosmonauts for a long time they've been

undergoing training for a long time who

is used and so they're fully ready and

so it is hard to say what nuance

specifically makes it makes the

difference informal to get it may be

that it's the training that helps in

flight it may be just the an unofficial
conversation over that that

information ends up being more important

on the flight but I want to stress that

this is nominal training and

they're fully prepared and what is going

on right now is additional training but

they're not overloaded in any way would

you know they've got in the signatories

just not myself there's been a lot said

about the crew who is on station you've

been speaking out with a crew what are

the advice is that they're giving you

because they've had a lot of experience

on station of us and if you can answer

the questions that I've already asked

00:23:08,920 --> 00:23:15,590
why is it worth risking the land why is

00:23:13,039 --> 00:23:18,220
it worth having a spaceflight what does

00:23:15,589 --> 00:23:18,220
that mean to you

00:23:19,159 --> 00:23:25,590
I just again want to stress that we are

00:23:22,950 --> 00:23:28,259
very closely training with a crew that

00:23:25,589 --> 00:23:31,349
is already on board they give us a lot

00:23:28,259 --> 00:23:35,429
of they give us a lot of very important

00:23:31,349 --> 00:23:37,949
valuable advice starting from the very

00:23:35,429 --> 00:23:40,890
basic household questions like how to

00:23:37,950 --> 00:23:44,580
prepare food how to get used to zero

00:23:40,890 --> 00:23:46,470
gravity um and it's important to speak

00:23:44,579 --> 00:23:47,788
to them because they can provide this

00:23:46,470 --> 00:23:52,529
information since they've gone through

00:23:47,788 --> 00:23:59,750
it themselves and yes there there is a
lot of risk involved but in the training
we know that there are a lot of
nominal situations that may occur and
we've prepared for them yes there are
difficulties there are complications in
what we do but fortunately it's a pretty
rare thing that happens and so I think
we should need to we need to continue to
move forward and we need to do anything
we can to make our flight a success yeah
I'd like to thank all the people present
for their good questions and the cost
lots of astronauts for their answers
thank you so much okay now we can do
some traditional photographs okay hand

shake as always traditional handshake

make you so feisty to subscribe see what

service okay thank you

oh yeah

heckler

just procedure

you Martin

like a fashion show

Kurt

people

we do

temple

she'll move all of you
It's one of the great traditions that we typically do before missions here every cosmonaut every astronaut that flies aboard Soyuz will come here and visit Red Square and basically just pay tribute to the folks who kind of laid the foundations of the Russian space program Yuri Gagarin Sergei Korolyov and the others who kind of paved the way for the Russian program here so it's a one of any traditions we've got many on that we also do in America in the United States this is kind of special about a
result of pneumonia Oh

click

a little kick the they don't worry

Louise estimate is that boys hopefully

my name hey smile for the camera see

little daddy we're good see you delay

everyone together

prettiness

follicle

there was a big fire and

work

how much is given

my capacity

yamazaki post-liberation a sub on the
floor she won't regret it back to the bus or on the bell square let's go back to the bus so again here we are touring some famous sites and inside the kremlin red square which we were just add that's right outside the katha kremlin wall and now we're inside and this is the tsar cannon and we were just that busy hours val a lot of history and something is traditionally all the crews will come and visit just before about a week before you head down the long so seven days from now we plan to be on our way to Baikonur and then shortly thereafter
on the way the space station a little bit later than we planned but happy to be there just the same to my clever please you