discovery ISS this is ABC World News how
do you hear me
good morning ABC we have you loud and
clear welcome aboard the International
Space Station we're ready for your
questions
how's your day been so far commander
we've been real busy today we're still
working on a lot of cargo transfer and
we're getting ready for one of our space
walks our EDA s tomorrow all right now
this is a this is a really dumb question
why are you bouncing up and down but
your three colleagues are I guess
they're holding themselves down a little

better than I am it's really we have

these uh these loops that we can put our

feet in and if you just lightly bend

your knees you tend to bounce a little

bit oh I think you have loops that

around your feet right now there's no

way for us to see that is there

not right now but if you let go you just

float up oh I see okay it's still an

awesome ballet I want to ask if I can

pilot jim dutton and also specialists

that kept linden burgers since your

newcomers here first-timers what
surprised you the most what was the

thing you were not prepared for well for

me Diane it was just the beauty of the

earth I I was actually looking forward

to that the most of everything but it

still stunned me how beautiful it is to

look back on the earth to see the

curvature the colors the sunrise the

very first sunrise we saw in space was

on our launch at about Mach 7 as we were

going uphill to space all of a sudden

these brilliant colors appeared on the

horizon and Dex called for me to look at

his window and see it and as we rolled

the heads up that horizon just spun in

44
00:02:09,969 --> 00:02:15,039
front of us with all those colors it was

45
00:02:11,680 --> 00:02:16,920
amazing we've done a number of passes

46
00:02:15,039 --> 00:02:19,780
over all the different continents and

47
00:02:16,919 --> 00:02:23,500
it's just stunning to see it from this

48
00:02:19,780 --> 00:02:27,150
vantage point does it make you think

49
00:02:23,500 --> 00:02:27,150
differently I agree with Jim

50
00:02:30,959 --> 00:02:37,140
I'm sorry Dan can you say that again yes

51
00:02:34,650 --> 00:02:38,760
yes Jim at that thing if it makes you

52
00:02:37,139 --> 00:02:47,488
feel differently about this little

53
00:02:38,759 --> 00:02:50,158
planet it does actually you know as

54
00:02:47,489 --> 00:02:51,689
beautiful as Earth is from up here you

55
00:02:50,158 --> 00:02:53,128
definitely get the perspective that we

56
00:02:51,689 --> 00:02:55,590
need to do everything we can to take

57
00:02:53,128 --> 00:02:57,509
care of it and I think I'll be even more
conscientious about recycling my coke
cans and I agree with Jim the yep last
night before we were going to bed it was
daylight over the west coast and
although I didn't grow up on the west
cost Jim did but I spent a good chunk
of my life out there going to college
and teaching and we came up over
Portland Oregon and we could pick it out
and then we came down through the
Rockies and then we even came over our
new home in Houston and it's just
looking at the earth never gets old and
the other thing that never gets old is
floating I think floating is amazing let

me ask you though daddy is this story

true that you were teaching astronomy in

high school in school and you went on a

website and saw an application

yeah that's a true story

I taught astronomy to juniors and

seniors and I tried to make sure that

their questions were answered and

we were doing a short unit on humans in

space and student asks how do you go to

the bathroom in space and I didn't know

exactly what the toilet looked like on

the shuttle and so I did go and look it
up and the NASA website had a little video about using the washroom on the shuttle as well as the application for the teacher astronaut and you want to tell us all anything more about that it works well

mission specialist Stephanie Wilson

first time you've been up with so many women right is it different yes in the same time it's different and it's also the same I mean we all train together

we've had over 50 women now fly into space and we can certainly use more we are very fortunate to have some of the
original women that started training for
the shuttle still in our office as
mentors and we look forward to inspiring
young women to follow in our footsteps
and commander is it different for you
you know we're we're one of the few
shuttle crews that had three women on
board I think we're the third and but
I'll tell you what Diane its we're
really a gender-neutral organization I
don't think gender has come up in our
training at all these ladies are super
capable professionals and we've got four
of them on board and they all do just a
great job and and tell you the truth we
never really even think about gender

when it comes to job assignments or

anything else but tell me you have a day

off finally or half day off coming up

what are you going to do in your brief

holidays well you know obviously looking

out the window is a higher priority and

it's really fun to also contact family

and friends from up here a few of them

they've been able to call and and talk

with you know in the course of a

conversation we'll cover a few thousand

miles and that always throws them for a

loop and usually people are a little bit
breathless when they first hear from you

so it's fun to have time to share

the experience with our loved ones well

we have to leave you now but if you want

to just shout out a hello or a goodbye

for the moment to someone please do

right now Diane the only thing I'd like

to say is that April 12 is a really

special day for astronauts it was the

anniversary of Yuri Gagarin flight in

1961 and also that today is the 29th

anniversary of the first space shuttle

flight with Columbia in April 12 1981

the day we all think about with you and
again we wish you the best safe return

home and thanks so much for letting me

pay a visit

discovery ISS this is Houston ACR that

concludes the ABC World News portion of

the event please stand by for a voice

check from MSNBC

this is Contessa brew at MSNBC do you

read me

good morning Emma said Maisie we have

you loud and clear welcome aboard the

International Space Station we're ready

for your questions all right well let me

begin today with Jim because I know this

begin today with Jim because I know this

begin today with Jim because I know this
is your first space flight and before

00:08:16,509 --> 00:08:20,170
you lift it off you said it's hard to

00:08:18,160 --> 00:08:25,870
wrap your head around this do you want

00:08:20,170 --> 00:08:27,250
to explain well there's a couple

00:08:25,870 --> 00:08:29,199
different things that are hard to get

00:08:27,250 --> 00:08:31,509
your mind around one is having wanted to

00:08:29,199 --> 00:08:33,009
do something for about 30 years of your

00:08:31,509 --> 00:08:36,340
life and then suddenly having it right

00:08:33,009 --> 00:08:38,470
before you and so for me that was kind

00:08:36,340 --> 00:08:39,940
of amazing just to realize that it was

00:08:38,470 --> 00:08:42,250
actually going to happen I have a lot of

00:08:39,940 --> 00:08:43,810
friends who would love to be up here

00:08:42,250 --> 00:08:46,779
right now and I wish we're here with me

00:08:43,809 --> 00:08:49,479
and so I know that I'm very blessed to

00:08:46,779 --> 00:08:51,220
be here I think also just wrapping your
mind around about what you're going to do jumping on to a rocket and launching into space is is pretty exciting in Denver so all that really was just hard too hard to get a grip on but very exciting speaking of getting a grip you know the veteran astronauts sometimes say it's funny to watch the rookies come up and try to figure out their way around zero gravity but it looks like Jim you've got this down pat I can tell you these guys are far from rookies they hit space running and did a great job right after reactor man cut
off when we got into orbit these guys took off when their pre-flight plan and never stopped and they've been true pros ever since all right let me talk to the other so-called rookie since you hit the ground running dorothy metcalf-lindenburger hear you've been orchestrating the whoops the spacewalk out there and how has that been well it's just a real pleasure to watch rick and clay work out on the international space station you know we've spent many hours in the neutral buoyancy lab back in houston with very
capable divers in fact Rick's son is one of our divers and it's just really neat
to see everything come together Jim and Stephanie have been flying the robotic arm and in the pool we can't have all those robotic maneuvers exactly as planned because the water cannot support the arms weight but here on orbit it yesterday it was probably our most technical spacewalk and all of the robotic arm operations came perfectly together with what Rick and clay were doing outside and and I could watch most of it out the upper windows of the space
shuttle and so I spent my time on the

00:10:53,039 --> 00:10:56,759 flight deck just doing that and making

00:10:55,110 --> 00:10:57,990 sure that they were safe and you

00:10:56,759 --> 00:10:59,519 probably heard that we struggled a

00:10:57,990 --> 00:11:02,759 little bit with a bolts because the

00:10:59,519 --> 00:11:05,909 hardware changes in the extreme heat and

00:11:02,759 --> 00:11:07,230 cold up here but as you saw clay and

00:11:05,909 --> 00:11:09,179 Rick we're very professional and they

00:11:07,230 --> 00:11:11,629 and they got it seated down so we'll fix

00:11:09,179 --> 00:11:11,629 it up tomorrow

00:11:12,620 --> 00:11:17,490 Stephanie now I understand you're able

00:11:15,269 --> 00:11:20,100 to look out these windows of the cupola

00:11:17,490 --> 00:11:27,090 instead of relying on video feeds does

00:11:20,100 --> 00:11:28,649 that make your job easier and actually

00:11:27,090 --> 00:11:31,170 for our mission we were hoping to be
able to fly the robotic arm out of the cupola module that has all the windows but we were not able to make that happen for this flight we're hoping that the next shuttle flight will be able to do that we have had a chance to go into the cupola and view the earth from from that vantage point and it is spectacular and I have every hope that it will help the future arm operators on future missions Alan let me ask you as the commander the shuttle program is ending and certainly the International Space Station becomes one of the biggest legacies here of that
134 mission in the program's 29 years.

years today April 12th what do you think is the future for America's space program now with the shuttle program ending.

and of course the president has canceled the next program constellation well we have a lot of really interesting science and research going on in the International Space Station and you know we're just about complete finishing it up our flight is one of the last resupply flights from the space shuttle we will have other vehicles they'll be
able to bring supplies up and keep the crews supplied and bring new science onboard and new research activities so there's a lot of exciting stuff going on in the International Space Station and it's interesting that you bring up the anniversary of the space shuttle lots of interesting science has been done as well with the Hubble Space Telescope as we all know and you know it's time to look back and reflect about all the great things that the Space Shuttle has brought us over the last 29 years and so I think this we're
going to we're going places we're going
go to we're doing a lot of interesting
stuff up here and it's great to be here
as well is there a disadvantage do you
think Allen for America not to have its
own shuttle program or will its
facilitating getting products back and
forth to the space station the fact that
we have that figured out that's enough
will be whilst the Americans will still
be writing coming to the space station
aboard the Russian Soyuz vehicles and so
we've got that figured out crews will
be able to come and go to the
International Space Station to do their
work up here while we work on commercial cargo and potentially crew transfer up and down as well so I'm hopeful for the future and and I think the leadership and and the folks who make the policy decisions will will do the right thing and we'll be able to get the job done all right Stephanie this time in space and for the first time there are four women in space is this a giant leap for womankind well I would say it's a it's a giant leap for humankind this is the third shuttle flight to have three women and
as we join Tracy Caldwell International Space Station Dottie Naoko and I are certainly thrilled to be working with Tracy we're thrilled to be working with each other and we also have the benefit of the mentorship of women in the astronaut office that have been there to lend us their experience and so it is a giant leap for all of us in the astronaut office and finally Jim you know we talked to your mom who said that you have wanted to be an astronaut since you were a child and in fact it was your school librarian who helped you with a
letter and she was at the launch now

what message do you have for other children out there who might be watching this and they themselves dream of one day being where you are well I think for kids having any kind of dream is really a gift it gives you a focus and helps you to get through the hard times when you're focused on a dream you can do things that you wouldn't normally do because you see the end goal so I think that's what I'd encourage them to do is find what they love and pursue it with all their heart enjoy the
journey along the way because it's not
necessarily getting to the goal that
brings the most satisfaction I think
it's really the journey enjoying
each part of it I know that my time in
the Air Force leading here has been a
tremendous blessing to me and my family
and I know for my colleagues the
different careers that they had prior to
coming to NASA were very fulfilling as
well so so the end goal is a great thing
to motivate you but enjoy the process as
well
pilot jim dutton mission specialists
stephanie wilson and dorothy
metcalf-lindenburger commander alan

poindexter thank you all for your time

today

discovery ISS this is Houston ACR that

concludes the MSNBC portion of the event

please stand by for a voice check from

the Fox News Channel people Michael

Jackson opened up to Martin Bashir

in a 2003 interview more than 27 million

people tuned in across the pond

Princess Diana lured in more than 21

million viewers in 1995 when she

admitted to an affair during her

marriage to Prince Charles and more than
seven people seven million people tuned

in to NHS hello Alan Jim Dorothy and

Stephanie that yani New York audio how

are you

head-shaving good morning we have you

loud and clear we're ready for your

questions

apologize then get back thank you very

much please standby of course when you

do something in your personal life that

offends people you have to sit with them

on a personal level and communicate so

whether that's in front of a camera in a

one-on-one situation or whatever that
might be to really step out

and explain to people what happened

before you go back to your career and

doing what you do that's got a warm

reception from fans but he didn't win

our experts as viewers will keep tuning

in to golf until they see that first win

to make the comeback complete and Jane

advertisers are sure to be happy about

that

I Dobson in the newsroom for still

saying it is day seven of the shuttle

Discovery mission to the International

Space Station the crew is off duty right
now as they prepare for tomorrow's third

00:18:01,890 --> 00:18:06,450
and final spacewalk of this mission we

00:18:04,529 --> 00:18:08,430
have four of the shuttle astronauts

00:18:06,450 --> 00:18:11,220
joining us right now commander Alan

00:18:08,430 --> 00:18:12,529
Poindexter pilot jim dutton mission

00:18:11,220 --> 00:18:15,950
specialists dorothy metcalf-lindenburger

00:18:12,529 --> 00:18:18,960
and mission specialist stephanie wilson

00:18:15,950 --> 00:18:23,759
discovery iss this is the Fox News

00:18:18,960 --> 00:18:25,049
Channel how do you hear me good morning

00:18:23,759 --> 00:18:26,849
Fox News welcome aboard the

00:18:25,049 --> 00:18:28,019
International Space Station we have you

00:18:26,849 --> 00:18:31,439
loud and clear and we're ready for your

00:18:28,019 --> 00:18:33,389
questions well we are delighted

00:18:31,440 --> 00:18:36,200
delighted that you could be joining us

00:18:33,390 --> 00:18:36,200
how's the mission going
the missions going just great

everything's outstanding we've getting a lot of work done we're seeing some beautiful sights we've had two of our three spacewalks as you mentioned already and tomorrow as a third one their quarterback for those spacewalks or EVs is standing right next to me and daddy just does a great job and Jim and Stephanie here are two of our main robotics operators and and they fly both the space shuttle and Space Station robotic arms during most of our activities and everyone's doing a
great job and things are going seemingly well I know that it's the end of an era for the shuttle you know we're coming to a point where us crews are going to be hitching a ride on Russian spacecraft to get up to the International Space Station after just a couple more Shuttle missions Jim what are your thoughts about that well I think everyone feels a little bittersweet about seeing the space shuttle program come to an end but we also realize that there comes a time for any any major system whether it's a like in the military we had aircraft
that was very difficult to see retire

everyone was in love with them and I think we really have a lot of people who love the shuttle but we we have to continue to press on into the future and we're certainly going to miss the capability that the shuttle has given us it's been a tremendous vehicle when you look at everything it's done from deploying satellites probably the best known of those being the Hubble to this being the crown jewel of all that the shuttle has done assembling the International Space Station which really
could not have been done without the
Space Shuttle so yeah we're going to
we're going to miss it I think there's
no question about that
Dorothy even though we're coming to the
end of that era this is a history-making
flight first time for women in space
onboard the shuttle and the space
station right that is correct and this
is a third flight with three women and
the first time four women have been
together in space and what I think it
says is that we're all really lucky we
were brought here by two very capable
men and we have a lot of diversity on
our crew and I think that just shows that it's important to have a lot of diversity that we each contribute and you are unique and special way and that I hope this shows all students out there that there is nothing that you cannot do and so we have just made a lot of progress as a whole country in that way and I'm really glad that we can be a part of this but again it was all of us as a team doing this I'm Dottie one of the educators in the space Stephanie I know this is a second trip a return to space
for you with the shuttle program winding down I mean how do you top this what do you do next

well there's certainly the future to look forward to although we're here on the space station we are really visiting only for 10 days or so there's opportunity to do a long-duration flight to live and work aboard the International Space Station we're hoping that in the future we will still be able to explore and then we can be part of those mission designs are part of those exploration missions so certainly the
future is a very very wide and has a lot of opportunity well we are certainly proud of the job you're doing up there I know you have all trained years for this mission doing a great job thanks for joining us on fox news channel today thanks John good morning discovery ISS this is Houston ACR that concludes the Fox News Channel portion of the event please stand by for a voice check from kusa TV Houston this is Kos ATV in Denver we are ready very good well hello sts-131 from 9 News in Denver and Dottie I'm going to
start with you because you've already
got a fan club the phone's been ringing
off the hook here at nine News from all
your fans here in Colorado anything you
want to tell them well I loved growing
up in Colorado inspired me to go on and
and study both geology and astronomy we
have some of the best rocks in the world
and we also have some of the best nights
to view the stars and I couldn't think
of a better place to grow up
Roger that I do have to ask you because
you know you're going to kind of bring a
different perspective to this being a
first-time flyer I know you went through
the simulations you went through all of that training but what has surprised you what has overwhelmed you what has amazed you about this experience so far well I think the most important thing is all of those simulations and training events actually prepare you for exactly what you're doing many of times we've all commented that this is just like the simulator from the moment of getting into the shuttle right before we were launching other than being out on the pad which was a different experience to actually hear the vehicle breathing and
see all the gases once you got in the shuttle it looked very much like the simulators that we train in and also when we've come over to the International Space Station and we've done all of our spacewalks in our robotic operations the simulators have really prepared us so then I guess the next part that surprised me is just the floating part and you have to remember to look all around when you're missing your pencil you know your mom and dad I don't know if you know this but they let us into your bedroom and
they've kept it like a low shrine to their daughter complete with the Space Shuttle a model that you had as a kid that's pretty cool yeah I made that after I went to Space Camp when I was in ninth grade and my mom was dusting it like about six months ago and she said did you know that the name on that shuttle is discovery and I think that's pretty special that I got to come up on discovery I want to thank all of you for your service to the country in particular you Alan I know that you came from the Navy pipeline
got to tell you I'm a proud military

parent myself my son is a Super Hornet

instructor at na s Oceana and of course

James you're an FA grad class of 91 for

the future as it relates to spaceflight

is the military still a good option for

people that want to go to the Stars you

bet it is the skills that that you

gather and the leadership skills that

you obtain through a military biplane

will always be valuable to the astronaut

corps the test

Jim and I are both test pilots as well

and we learn to be the part a lot

about being a test pilot is not just
being a good pilot but learning how to critique things well and how to put your thoughts into words and how to write requirements and and all those skills will will be very valuable for the future astronauts as well Jim I had mentioned Colorado Springs a moment ago as we speak there is a national symposium on space that is opening in the springs the movers and shakers from NASA are there people in the private sectors are all there and the big topic is about what's going to happen with NASA are we ready to make the shift from
a government centric business to privatization what do you think

well I think that like in most organizations there's people who are policy makers and there are people who are executors and I fall more on the execution side but I certainly I trust the the people that we have in those positions to make the right the decision that we really need to make as a country my hope is that we will continue to explore the universe and and also that we will make low-earth orbit more accessible to commercial space and also
eventually to the general public so

there's a lot of possibilities right now

it's very exciting the technology is

really starting to come on and so I

think it's going to be a lot of fun to

tune in and see where space is going

Stephanie just in my closing moments I

didn't want to ignore you I'm sorry

about that spent a lot of time on the

Colorado kid there but tell me a little

bit about what still has to be done

before this mission is done you've got

another spacewalk coming up and you're a

big player now talk about that we do our
last spacewalk will be taking the empty
ammonia tank home with us so we still
have to take that off of our payload or
your accommodations and put it on into
the payload Bay and we'll be doing that
with the help of Rick and clay and we
also have some work to do where we're
turning a platform for the European
Space Agency and some of our third
spacewalk has been changed so Rick and
clay are reviewing those procedures as
we speak to get the new changes and Jim
and I will be working with them tomorrow
with the robotic arm operations and we
look forward to working with them as we
628 00:28:39,420 --> 00:28:42,990
have on the other two spacewalks it's

629 00:28:41,400 --> 00:28:45,690
all gone very smoothly we've had great

630 00:28:42,990 --> 00:28:49,440
communications and it's been just like

631 00:28:45,690 --> 00:28:52,110
our training it has been a true pleasure

632 00:28:49,440 --> 00:28:54,150
and an honor and a personal highlight to

633 00:28:52,109 --> 00:28:56,939
be able to talk to you guys again thank

634 00:28:54,150 --> 00:28:59,009
you for your service to the country have

635 00:28:56,940 --> 00:29:02,660
a successful rest of mission and we look

636 00:28:59,009 --> 00:29:02,660
forward to having you back safe on earth

637 00:29:03,950 --> 00:29:07,769
thanks very much and thanks for talking

638 00:29:06,059 --> 00:29:11,220
to us today have a great morning and a

639 00:29:07,769 --> 00:29:13,440
great day discovery ISS this is Houston

640 00:29:11,220 --> 00:29:15,558
ACR that concludes the event thank

641 00:29:13,440 --> 00:29:15,558
you