and at this time we're very pleased to be joined by Pam Sullivan. Noah goes our mission director and flight project manager and I think that you have some good news for us.

Yes, we do. It looks like we have a solar array deploy at least the early indications are we've got power and the rates work as expected for a positive or a deployment we've got a little more day to look like but everything looks very very good right now.

Excellent! That's good news. This has been a long time coming, you and your teams.
have been working for many many years

going many ways to go

how long has it been the first records i can find anything on gozar was

actually 1999 so 17 years or more in the planning and the building and the testing and yeah for really big effort to put together this the satellites and the the satellite life duration is somewhere in that neck of the woods to is it not it is the plan on orbit life is 10 years of operation and five years of on-orbit storage since often the satellites go into storage while they're...
waiting to be used on orbit while the simulations in the animation that we've been able to look at is just remarkable the technology that you've infused into the satellite and it's just amazing the quantum leap that everyone is going to benefit from yeah the the instruments the new cameras that were putting on board are really revolutionary the advanced baseline imager which is our primary instrument is going to be take able to take pictures so much faster than the current ones because the detector arrays on
there on this instrument or so much

00:01:39,209 --> 00:01:44,699
larger and that really will enable us

00:01:42,750 --> 00:01:46,828
almost to go from like still photos the

00:01:44,700 --> 00:01:50,100
video it's just we'll be able to take

00:01:46,828 --> 00:01:52,978
images so more and so much faster and do

00:01:50,099 --> 00:01:57,239
a refresh of the storms so much faster

00:01:52,978 --> 00:01:58,259
we currently what the goes the pretty

00:01:57,239 --> 00:02:01,769
older generation that we're actually

00:01:58,259 --> 00:02:03,718
using right now that took pictures of

00:02:01,769 --> 00:02:05,938
severe storms about once every 30

00:02:03,718 --> 00:02:07,438
minutes with the goes-r we're going to

00:02:05,938 --> 00:02:09,419
be do able to do that once every 30

00:02:07,438 --> 00:02:12,239
seconds so as a remarkable increase

00:02:09,419 --> 00:02:13,349
their we've had a group of TV

00:02:12,239 --> 00:02:16,050
meteorologists

...[15/09/2019 15:57:33]
here at Kennedy yeah from a group called storm center that have been so excited about this and have been having meetings and gathering at at the press site at Kennedy Space Center and and they've had some wonderful stories to tell about already benefiting from and learning how to use this from the simulations that you've been providing yes so yeah I that the excitement from the community is is really is really something and and gratifying for all the folks who put the hard work into this over so many years there they're very
excited to know that people are excited
to use it and are going to get this
great benefit from it when will they get
the first I know that there were going through a you're going through a phase
yeah i'll check out but when will they get their very first image do you think
our first picture that we're actually going to take is probably in January it probably will take us another month or so to do sort of what we call the calibration and the navigation of the in the image before it's it's actually good enough to be released so
think about three months from today is
approximately when will be able to get
something out to the public and when
does NASA officially turn the keys over
to Noah and it becomes a row 16 the plan
is to do well because go 16 as soon as
it gets the geostationary orbit so so
that'll be about 19 days from now if all
goes according to plan but then we do
another five plus months of checkout and
so at about the six-month point from now
is when will hand it over to know for
operations and are there tussles
underway as to whether this will become
goes west and or goes east I get lobbied

but luckily I have nothing to do with

that decision so I can just ask them to

talk to other folks but yeah it's it's such a great capability everybody wants

it and I with you know understandably so

all I can say is that we hope to be here with goes in about 16 months and once

we get that one up then we don't have to fight over who gets the new capability that's a perfect response and

a great way to end the day and I really want to what

thank you for taking the time after such a long day to come over and talk to hell
my pleasure thank you