

PAO This is the first press conference following the change of shift of flight control teams and mission controls after the successful launch this morning. I'll go ahead and turn it over to Cleon Lacefield who is flight director for the ascent phase.

CLEON LACEFIELD Good afternoon, we had a nominal ascent today after a small delay on the ground of 2 minutes and 18 seconds. The crew arrived in orbit in very high spirits, they were all pleased with the view and wished we could all be up there with them. They reported on the way up that they saw some ice on the windshields and that's beginning to be kind of normal. That's getting to be kind of normal a lot of crews report ice going by the windshield on the way uphill. As you probably heard, we did shut down APU3 after Meco, it was starting to heat up, we switched over to the other water spray boiler, the water spray boilers are what cool the APU's and when we switched over to the redundant boilers the APU started to cool down but as a precautionary mode we went ahead and secured the APU prior to the APU prior to the MPS propellant gun. After looking at the data, it appears that APU 3 is going to be working normally for us for entry and we just lost redundancy with the water spray boiler A. We had a nominal OMS 1 and OMS 2 and we are currently in a one ninety by one ninety circular orbit and on REV 2 on the first tv that we received, we saw a small flap of frizzy on the starboard OMS pod that had come up a little bit, but it's in the area of the pod that we do not have to worry about heating, it is well back behind the front end, it appears that it is about 12 inches long and sticking up around six to eight inches. When I left, the crew was pressing ahead with space lab activation and they plan to go ahead and deploy NUSAT and GLOMR today and as of the time that I left they were planning to deploy NUSAT around 4:15 MET and GLOMR around 4:30. And that's all I have, I'll open it up for questions. Carlos Byars

CARLOS BYARS (HOUSTON CHRONICLE) Cleon could you tell us anything about the fuel cell problem and had you already handed over by the time they found there WCF or urine collection of system, wherever the problem is, but the problem that's in that area.

LACEFIELD The crew reported the problem with the fuel cells and it looks like it's just a data problem on their side. Both fuel cell 2 and fuel cell 3 are working normally, we weren't having any data dropout problems that they were reporting onboard and we were not seeing any toggling on any of the valves, so we are suspecting a instrumentation MDM problem and other than that, that looks normal, the WCS problem, that was being worked as I was coming off shift and I'm not sure what the outcome of that problem will be but the thing that the crew reported that the fan sent motors wouldn't turn off, that's a normal configuration problem with the UMD experiment hooked up it doesn't turn the



motors off for about four minutes after you turn the WCS off, and that's just so it can collect its data and stuff. The problem that they reported later on, I'm not familiar with that they were having as I left to come over here. But as I left to come over here, I know the crew did disconnect the UMD experiment and went to normal WCS operation.

BYARS Do you know whether or not that resolved the situation?

LACEFIELD It did fit the WCS was operational when I left.

BYARS Any potential problems from the liquid material of undiscrbed nature that was sprayed all over the cabin as we were told.

LACEFIELD We don't believe so, they got it cleaned up and everything.

PAO Other questions in Houston before we, Dr. Page did you have one?

DR. PAGE Can you tell me the angle of view of the light field camera? I've forgotton how big it is.

LACEFIELD I'd have to get that information.

PAO You probably need to check with the science people who will be in later.

DR. PAGE Okay, my other questions are about the use of that camera, its going to start fairly soon, isn't it? Maneuvering the Orbiter to take six different pictures?

LACEFIELD I'm not sure.

PAO We have science people coming in as I understand, I'm not sure when the first science briefing is scheduled but those would be the questions to direct the payload questions too. Any other in Houston, I understand we have some at KSC and I'm not going to be able to use this earphone to find whether we do or not, so I'll open it up to questions from KSC if there are any.

DICK LAWRENCE (TIMES) Do I understand that the water that was referred to that was on the floor came from the animal cages? And if so is it urine or is it condensation from the air conditioners?

LACEFIELD It did not come from the animal cages. The crew is still in the Spacelab activation sequence. The water they were reporting was from the WCS.



LAWRENCE From the WCS, how? Could you explain it please?

LACEFIELD They had a problem with the UMD experiment so that after its first use it didn't pull the water or the liquid in after they used the WCS, it kind of sprayed it out.

LAWRENCE Could we try that again in simple english? Where does the water come from? Without using any abbreviations, please.

LACEFIELD The crewmen where using the WCS. It came from the crewmen.

PAO Do we have additional questions from KSC? Ok, I don't hear any other questions at KSC. Ok, thank you very much.

END OF TAPE