

Interactive comment on “Factors influencing the large-scale distribution of Hg^o in the Mexico City area and over the North Pacific” by R. Talbot et al.

R. Talbot et al.

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What we meant by the statement is that all the details of the installation on the aircraft were not included in the discussion. We agree that our statement was confusing, so we have now removed it. We believe that all the important details with regard to instrument operation are included in the manuscript.

p. 6, line 149 - the flow was constant with altitude by addition of vacuum from a venturi pump. We added that it was constant at 1.5 SLPM.

p. 6, line 151 - we controlled the internal pressure during the analysis stage.

We do not believe that the instrument was operated on the edge of its sensitivity ; it was operated just as it would be on the ground.

In the several days of transit over the Pacific, the air masses must have encountered

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precipitation to remove the sulfur. Mexico City was sampled much closer to the source.

The sentence at line 82 was reworded.

We made changes to the Figures as recommended.

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 15533, 2007.

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7, S9044–S9045, 2008

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