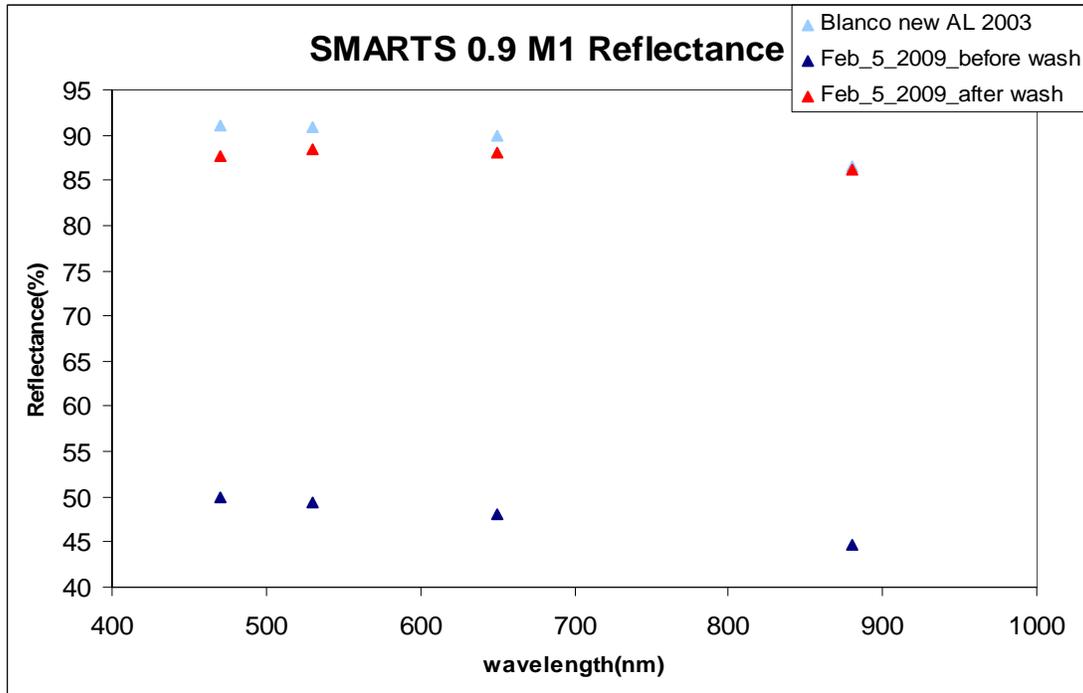
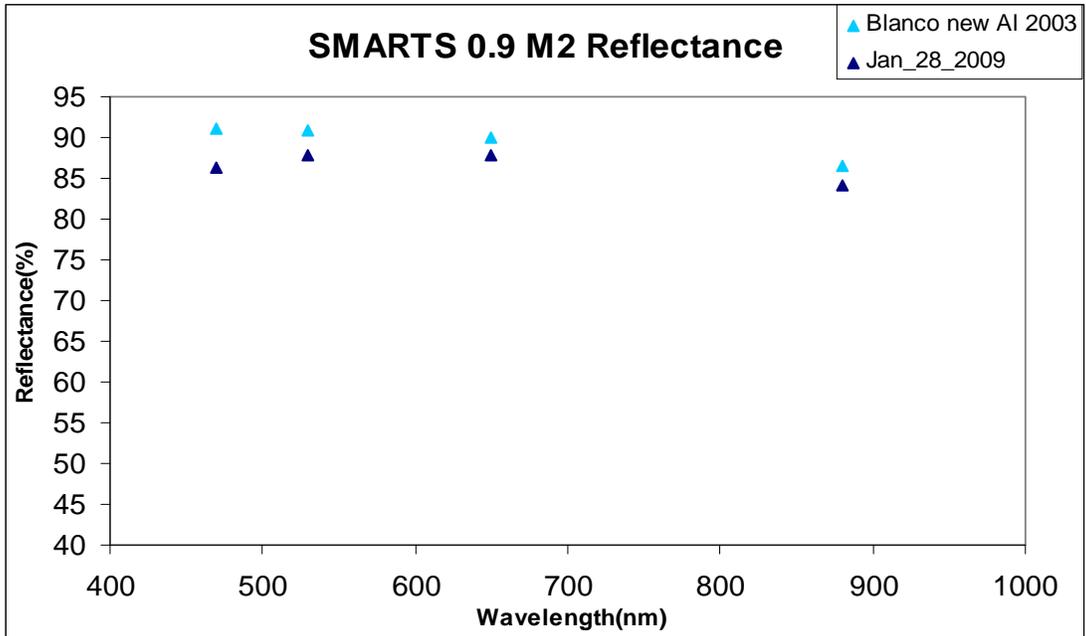


SMARTS 0.9m Feb/5/2009



Mirror	Reflectance (%) before wash				Reflectance (%) after wash			
	470nm	530nm	650nm	880nm	470nm	530nm	650nm	880nm
Blanco M1 after new Aluminization 2003					91.12	90.87	90.00	86.51
SMARTS 0.9 M1	49.96	49.38	48.04	44.65	87.64	88.44	88.06	86.23

The SMARTS 0.9m telescope primary mirror has been washed successfully. Reflectivity has been recovered by about 40% after the mirror wash. Since the mirror is enclosed and we don't know its reflectivity loss per month, we might wash it again in six months and measure it, and according to the results we obtain decide if we should increase or reduce the washing frequency.



Mirror	Reflectance (%) before wash				Reflectance (%) after wash			
	470nm	530nm	650nm	880nm	470nm	530nm	650nm	880nm
Blanco M1 after new Aluminization 2003	91.12	90.87	90.00	86.51				
SMARTS 0.9 M2	86.20	87.85	87.78	84.17				

The SMARTS 0.9m telescope secondary mirror wasn't washed due to its difficult access. However its reflectivity is not bad.

According to CTIO records found in the intranet, the last time this telescope was aluminized was in 1999, both mirrors.

Daniel Hölck