1046-33-1183   **Olivier Oloa*** (`olivier.oloa@wanadoo.fr`), 38 chemin Orme Aigu, 78660 Ablis, France. *New formulas for Euler log-trigonometric integrals.* Preliminary report.

We establish a formula for

$$\int_0^{\pi/2} \theta^n \ln^p (2 \cos \theta) \, d\theta,$$

where n is a positive even integer, p being any positive integer. We use *Mathematica* to guess a formula in the case of n being odd. (Received September 15, 2008)