



**Experiment title: Cambridge MRC Block Allocation Group
Structure of Bovine Rhodopsin**

**Experiment
number:
LS1669**

Beamline: 14-4	Date of experiment: from: 12/7/00 to: 14/7/00	Date of report: 27/8/00
Shifts: 3	Local contact(s): R. Ravelli	<i>Received at ESRF:</i>

Names and affiliations of applicants (* indicates experimentalists):

Gebhard Schertler*

Pat Edwards*

Jade Li*

MRC Laboratory of Molecular Biology, Hills Road, Cambridge CB22QH, UK

Report:

We carried out MAD data collection (three wavelengths) for two crystals of two different derivatives. One MAD experiment gave useful data for phasing at two of the three wavelengths, but data from other crystals were rejected because of excessive radiation damage or rotaitonal disorder. The structure solution based on these phases is currently in progress.