

G. Huster and S. Malassagne for mechanical design support and A. van Dijsseldonk for help during the integration and testing phases. We also wish to thank T. Bohl, F. Gutierrez, D. Hofstadt and T. Le Bertre for their help during the installation and tests on La Silla.

NTT Mirror Leaves Factory

Early June 1986, the 6-ton mirror for the New Technology Telescope was being prepared for transport from the Schott factory in Mainz. The 3.58 m

mirror of Zerodur, which is only 24 cm thick, was lowered into the steel frame in which it will be transported to Zeiss Oberkochen. The transport, which in-



Model of the ESO New Technology Telescope.



ESO NTT mirror leaves factory.

volves careful planning by the German traffic authorities, will take place during the night of 23 to 24 June. Once at Zeiss, the optical figuring will start immediately. It is expected that this process will be finished by July 1988 and that the shipment to La Silla can take place soon thereafter.

List of ESO Preprints

(March–May 1986)

425. M. Azzopardi, J. Lequeux and B.E. Westerlund: New Carbon Stars in Spheroidal Galaxies: II. Draco, Ursa Minor and New Data on Sculptor, Carina and Leo I. *Astronomy and Astrophysics*. March 1986.
426. R.G. Gratton, A. Tornambè and S. Ortolani: Spectroscopy of RR Lyrae Stars in Baade's Window and ω Centauri. *Astronomy and Astrophysics*. March 1986.
427. M. Rosa: Star Formation, Giant H II Regions and Spiral Structure. To appear in *Highlights of Astronomy*, Vol. 7, ed. J.-P. Swings. Joint Discussion VI. March 1986.
428. O. Stahl: On the Relationship of the Variable Stars AG Car and HDE 269852 to the Ofpe/WN 9 Objects. *Astronomy and Astrophysics*. March 1986.
429. E. Brinks and E. Bajaja: A High Resolution Hydrogen Line Survey of Messier 31. III. HI Holes in the Interstellar Medium. *Astronomy and Astrophysics*. March 1986.
430. M. Iye: High Resolution Spectrum of the Peculiar Optical Counterpart of an X-ray Binary Pulsar 4U1907+09. *Publ. Astron. Soc. Japan*. March 1986.
431. M.H. Ulrich and M.A.C. Perryman: The Remarkable Absorption-Line Systems in the Quasar Tololo 1037–27. *Monthly Notices of the Royal Astronomical Society*. March 1986.
432. G. Contopoulos: Bifurcations in Systems of 3 Degrees of Freedom. *Celestial Mechanics*. March 1986.
433. G. Contopoulos and P. Magrenat: Simple Three-Dimensional Periodic Orbits in a Galactic-Type Potential. *Celestial Mechanics*. March 1986.
434. F. Matteucci: The Effect of the New ^{12}C (α, γ) ^{16}O Rate on the Chemical Evolution of the Solar Neighbourhood. *Astrophysical Journal*, Letters. March 1986.
435. J.M.R. Espinosa, R.J. Rudy and B. Jones: Extended Non-Nuclear Infrared Emission from Seyfert Galaxies. *Astrophysical Journal*. March 1986.
436. G. Contopoulos: Qualitative Changes in 3-Dimensional Dynamical Systems. *Astronomy and Astrophysics*. March 1986.
437. V. Castellani, A. Chieffi, L. Pulone and A. Tornambè: On the Advanced Evolution of Intermediate Mass Stars: Induced Semiconvection, Breathing Pulses and the Upper Mass Limit for Carbon Deflagration. *Astrophysical Journal*. April 1986.
438. T.J.-L. Courvoisier, A.N. Parmar, A. Peacock and M. Pakull: The Discovery of 3.9 Hour Periodic Dips in the X-Ray Intensity of XB 1254–690. *Astrophysical Journal*. April 1986.
439. J. Lequeux, N. Meyssonnier and M. Azzopardi: An Objective-Prism Survey of Emission-Line Objects in M 33 and IC 1613. *Astronomy and Astrophysics Supplement Series*. April 1986.
440. J. Melnick, M. Moles, R. Terlevich and J.-M. Garcia-Pelayo: Giant H II Regions as Distance Indicators I: Relations Between Global Parameters for the Local Calibrators. *Monthly Notices of the Royal Astronomical Society*. April 1986.
441. M. Pettini and S. D'Odorico: A Search for Million Degree Gas in the Galactic Halo and the LMC Through [Fe X]