

## **Brief SLR History in Wettzell**

### **SLR System first Generation (Siemens Ruby Laser on a borrowed gun carriage)**

April 8, 1973 @ 3:11 UTC: First SLR returns in Germany ever from GEOS-A

December 16, 1974: Upgrade of the Ruby Laser

April 1975: First photography of a SLR laser return from Wettzell (taken with a BMK 75)

### **SLR System third Generation: „SRS“**

**(Nd:YAG laser and telescope from GTE Sylvania using a contraves mount)**

**CDP number: 7834**

First returns around May/June 1977

reduced operations until April 1978

from April 7, 1978 routine operations (nighttime only)

Targets: LAGEOS, Starlette, GEOS C, Seasat A, GEOS A, GEOS B, Beacon A, Beacon B, Beacon C

July 1989: First returns from ETALON

October/November 1991: Co-location with new SLR System: WLRS CDP number: 8834

December 1991 de-commissioning of the system

### **SLR System third Generation: „WLRS“**

**(Nd:YAG laser (Quantel) and telescope from Carl Zeiss)**

**CDP number: 8834**

Jan. 29, 1990 first returns from LAGEOS

Feb. 1990 first returns from METEOSAT P2 (geostationary orbit)

July 1991 beginning of routine operations 24/7 (day and night) until now

July 1991 First LLR returns in Wettzell

October 1991 First Dualcolor passes both on two separate detectors as well as on a single detector

October – November 1991: Co-location with SRS