



## 2006 Meeting Report Form Re: UNESCO-IUGS Contract and IUGS Supplementary Contribution

*Project Number and Title: 467, Triassic Time and trans-Panthalassan Correlations*

### **MEETING: Boreal Triassic Meeting.**

Date: 16-19 August, 2006  
Place: Longyearbyen, Svalbard, Arctic Norway  
Itinerary: 2 days of talks, 1 day excursion.

### **SCOPE AND RESULTS OF MEETING:**

#### Scope of Meeting (program or outline of geological study)

The meeting focused on the northern high latitude Triassic and the bio-, magneto-, chemo- and sequence-stratigraphic features through which it can be correlated to lower latitude successions. A total of 40 talks and about 20 posters were presented over two days, with a third day dedicated to a ship-supported excursion to the famous Festningen section in Spitsbergen, which displays a complete Triassic sequence. The meeting was attended by 71 registrants from 16 countries, including many hydrocarbon industry personnel working in the Barents Sea region. The importance of the meeting to industry was reflected in the co-sponsorship of the meeting by 8 oil companies. The meeting was organized under the auspices of the Subcommittee on Triassic Stratigraphy (STS).

#### Achievements of Meeting

The excursion afforded a unique opportunity to study the high latitude Triassic succession and discuss its correlation and contribution to time scale studies. Particular emphasis was on the Lower Triassic portion of the Time Scale and its boundaries, and many of the papers presented addressed this issue. Considerable discussion revolved around the magnetostratigraphic profile at the Induan-Olenekian Global Stratigraphic section and Point (GSSP) candidate at Chaohu, China, which shows anomalies when compared with the Arctic and central German record. The lack of a reliable ammonoid chronology was a further obstacle in Chaohu compared with Spiti, but use of the conodont *N. waageni* s. l. appeared workable in both sections. New data was presented by the working group on the Olenekian-Anisian GSSP candidate in Romania and it was agreed that clarification of key conodont taxa would be the next step in preparing a formal proposal to STS.

#### Outcome of Meeting

Advancement in the development of a global Triassic timescale with both the Induan-Olenekian and Olenekian-Anisian boundaries moved closer to resolution. A large (149 page) Abstract and Proceedings volume was published by the Geological Society of Norway and included articles on the regional geology as well as the abstracts and field guide. Discussions are underway with the Norwegian Polar Reserach Institute about publishing the proceedings.

*Signature of Project Leader and Date*

M. J. Orchard

October 10th, 2006.