



DIAPAZON (DIAzotrophy in the PACific ZONE) MEETING **Centre Océanographie Marine, Marseille (France) 3-4 July 2003** **Program**

Thursday 3 July 2003

8 – 8:45 : Aubert Le Bouteiller: Presentation of the PROOF-DIAPAZON program, from the objectives to the measurements and results.

8:45 – 9:30 : Martine Rodier and Gérard Eldin : Physical context of the DIAPALIS cruises.
Chemical environment : nutrients, iron.

9:30 - 10 : Coffee Break

10 – 10:45 : Nathalie Van Den Broeck, Thierry Moutin and Peggy Rimmelin: Phosphorus cycle.
Role of P in the controls of primary production and diazotrophy.

10:45 – 11:30 : Patrick Raimbault, Nicole Garcia and Frédéric Diaz : Nitrogen cycle. Diazotrophy.
Its role in the total and new primary production of the Southwestern tropical Pacific Ocean.

Loïc Charpy: Nitrogen fixation by picophytoplankton.

11:30 – 13:30 : Lunch

13:30 – 14:15 : Aubert Le Bouteiller, Italo Masotti and Martine Rodier: Total and size-fractionated primary production. Bacterial production. Sedimentation.

14:15 – 15:00 : Cécile Dupouy: Marine optics and oceanographic satellite data.

15:00 - 15:30 : Coffee Break

15:30 – 16:15 : TRICHO BLEU Workshop : Presentation and summary of results

Refreshments and grill party.

Friday 4 July 2003

8 – 8:45 : Jacques Neveux and Marcio Tenorio: Phytoplankton pigments and cyanobacteria.

8:45 – 9:30 : Ilana Berman-Frank, Liti Haramaty: Demise of Trichodesmium bloom (TRICHO BLEU Workshop)

9:30-10:00: Coffee Break

10:00 – 10:45 : Xavier Mari and Emma Rochelle-Newall: TEP and CDOM production (TRICHO BLEU Workshop)

10:45-11:30: Discussion about DIAPAZON plans for 2004-2005, with special attentions to the Trichodesmium Workshop-2 at the IRD Center of Noumea and the DIAPAZ cruise in the SouthWestern Tropical Pacific Ocean.

11:30 –13:30: Lunch