

## RED-C Newsletter Issue No. 6, September 2008

Dear Colleague,

Welcome to issue 6 of our newsletter, where we are pleased to present the latest news and updates.

### • New from RED-C

- **The UltraSpan product line** – comprehensive solutions designed to address very long repeaterless links, comprising:
  - **UltraSpan high power Raman** (up to 1.2W) - for distributed Raman amplification (counter and co-propagating)
  - **UltraSpan Power Booster** - for boosting output power up to 26 dBm
  - **UltraSpan ROPA** (Remote Optically Pumped Amplifier) - allows up to 1.2W of output power for combined Raman and Remote EDF pumping
  - **UltraSpan Submarine Terminal** – modular EDFA/ Raman/ ROPA unit designed for stringent low FIT network applications
- All UltraSpan products feature comprehensive eye-safety mechanisms for Class 1M laser safety classification, flattened gain, and can support links of up to 70 dB loss assuming standard 10 Gb/s transponders. The UltraSpan family products are available in 1RU packaging or module configuration, all fully compliant with Telecordia standards. Click [here](#) for more details.
- **40Gb/s single channel pre-amplifier** – available in a standard MSA package with optional mid-stage access, this dedicated 40Gb/s amplifier provide excellent noise performance as well as fast output power transient suppression.

### • From the R&D and Technology Desk

- **NextGenPCF** – RED-C, in collaboration with Alcatel-Lucent, is developing the next generation of lumped Raman amplifiers within the framework of the EU-funded NextGenPCF advanced R&D project ([www.nextgen-pcf.eu](http://www.nextgen-pcf.eu)). For technical details please see our [paper](#), recently published at the SPIE Photonics Europe 2008 conference.
- **Optimized amplifier design for DCM** – RED-C, in collaboration with Poximion, is promoting an optimized amplifier design to be used in conjunction with DCM modules. In comparison to corresponding amplifiers designed for DCF-based dispersion compensation, this advanced design features improved noise figure and transient suppression performance, at a much reduced cost and footprint. Click [here](#) for more details.

### • More from RED-C...

- RED-C is pleased to welcome Mr. Ilan Brillant, our new VP Sales, Americas, replacing Arik Hertz.
- RED-C's newly designed and enhanced website has been on air since March 2008. Go to [www.red-c.com](http://www.red-c.com) for the latest news and updates.
- RED-C will be exhibiting at [ECOC 2008](#) in September (booth 253). We're looking forward to a busy exhibition this year and hope to see you all there.

For additional information on any item in this newsletter, please [contact](#) us.

RED-C Optical Networks Ltd. is a leading provider of state-of-the-art EDFAs, Raman amplifiers and optical monitoring devices for all network segments (long haul, regional, metro, and access) and all network applications (telecom, cable and enterprise).