



June 4, 2004

Mr. Kireeti Kompella, kireeti@juniper.net, IETF, CCAMP Working Group Chair
Mr. Adrian Farrel, adrian@olddog.co.uk, IETF, CCAMP Working Group Chair
Mr. Alex Zinin, zinin@psg.com, IETF, Routing Area Director
Mr. Bill Fenner, fenner@research.att.com, IETF, Routing Area Director

Regarding: IETF CCAMP response to OIF intra-carrier E-NNI routing work

Dear Kireeti, Adrian, Alex and Bill,

This letter is in response to your correspondence of March 19 regarding OIF intra-carrier E-NNI routing work. The OIF would like to thank the IETF for allowing Mr. Lyndon Ong to present current routing work to the IETF CCAMP.

As you indicated, there currently is no formal liaison relationship yet between the IETF and the OIF. At our 2Q04 meeting in Budapest May 11-13 2004, Mr. Lyndon Ong was elected as OIF liaison representative to the IETF. We would like to identify the actions needed to formally establish the liaison, so Mr. Ong may act in this capacity at the next IETF meeting.

OIF members have invested resources in interoperability demonstrations and have benefited significantly from having running code from which multiple vendors interoperate. This includes ASON-compliant signalling and routing capabilities. We value the interoperability demonstrations (such as the one being done for SuperComm 2004) for the purpose of maturing the products, identifying any implementation concerns, and enhancing the related specifications. Lessons learned from the UNI interoperability demonstration at SuperComm 2001 were communicated to the IETF and resulted in enhancements which were then incorporated into GMPLS RFCs. Additionally, aspects of hierarchical routing were implemented in our OFC 2003 interoperability demo and the results folded into the E-NNI routing draft.

We confirm that OIF work products are indeed for testing and experimental purposes before they become approved Implementation Agreements (IAs). However, once OIF specifications become approved IAs, the experimental/test designation no longer applies, and products using them can be deployed.

The OIF intends to ensure that communication and promotion of the UNI and E-NNI protocols demonstrated at SuperComm do not imply either sponsorship or approval by the IETF. However, given the pervasive nature of the underlying protocols OSPF, RSVP and GMPLS, we believe it is neither practical nor appropriate to avoid mention of these protocols. It is our intent to portray the protocols as having extensions made by the OIF and/or ITU-T.

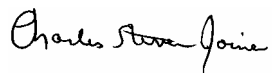
The OIF has an active carrier working group that has defined requirements for the optical control plane and its management. In its July 2002 meeting, the OIF also adopted G.7715 compliance as the basis for its routing work. OIF member companies have also contributed material that supported the development of G.7715.1. Protocol extensions including those to routing, have

been done in response to these carrier requirements as well as to comply with G.7715 and G.7715.1.

The OIF routing document is one of the protocols being demonstrated at SuperComm 2004. We will continue to mature that document and utilize experience from that demonstration to enhance the final product. The ITU-T SG15 has invited the OIF to collaborate on ASON routing protocols compliant with G.7715.1. The OIF appreciates the opportunity to work with the IETF and ITU-T on ASON routing protocol extensions.

As we gain experience from our carrier-hosted interoperability activity, the OIF expects to continue liaising revised (and in progress) signaling and routing documents to the CCAMP, and would appreciate detailed review and input.

Sincerely yours,

A handwritten signature in cursive script that reads "Charles Steven Joiner".

Steve Joiner
OIF, Technical Committee Chair

cc: Jim Jones, John McDonough