

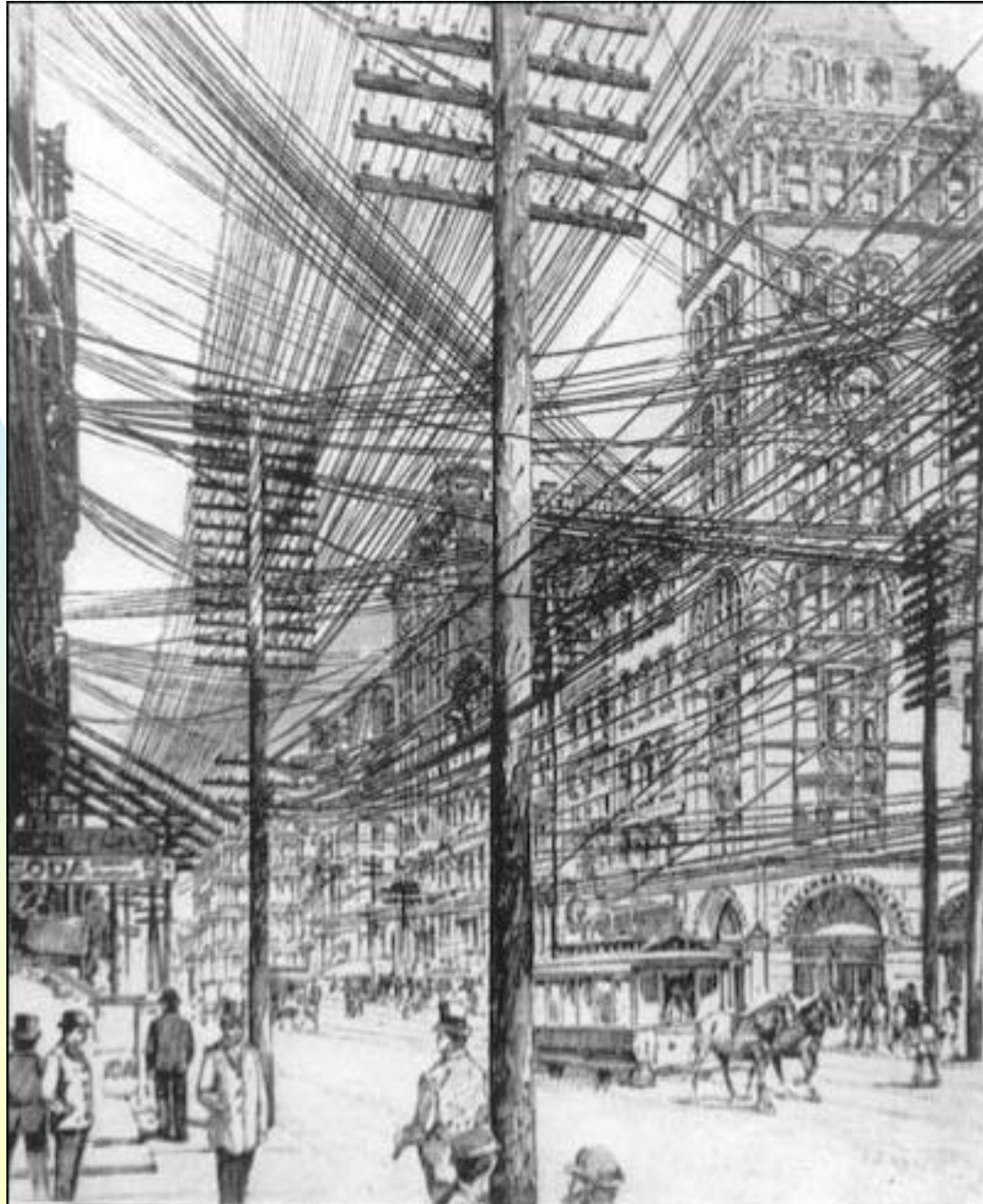


A Look Back at some History of Telecom

By Dan Bart and Adrian Scrase



Was this the
Beginning . . . ?



Or This . . . ?

- First Mobile phone 1924
- Ten years before the FCC was born
- Same year TIA's predecessors, RMA and USITA were formed





Were there 3-4 Great
Men in Telecom . . . ?

Not these Three!!





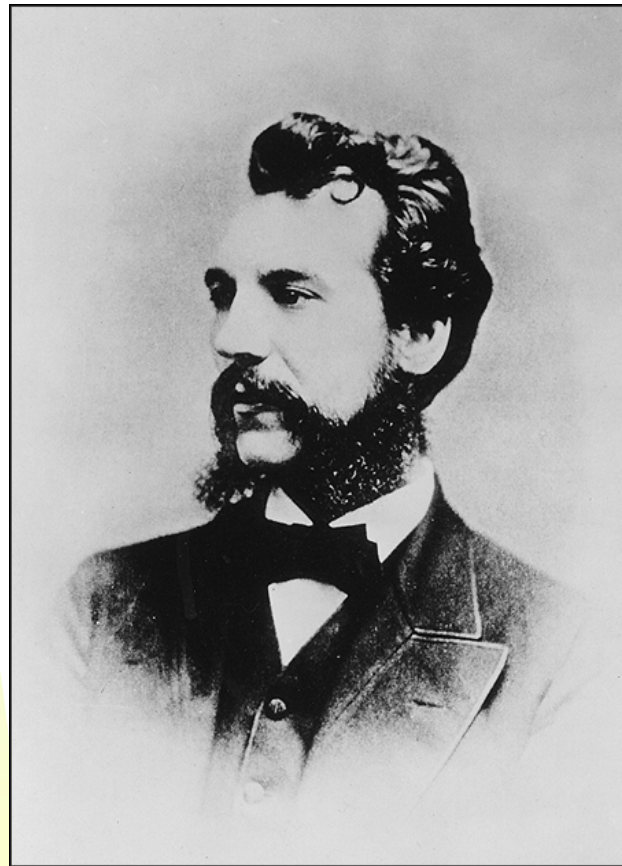
**The First was a
European!**

Alexander Graham Bell

- Alexander Graham Bell was born in 1847 in Edinburgh, Scotland
- He then moved to Ontario with his family in 1870.
- Then to the United States, settling in Boston
- Throughout his life, Bell had been interested in the education of deaf people
 - ◆ This interest lead him to invent the microphone and, in 1876, his "electrical speech machine," which we now call a telephone

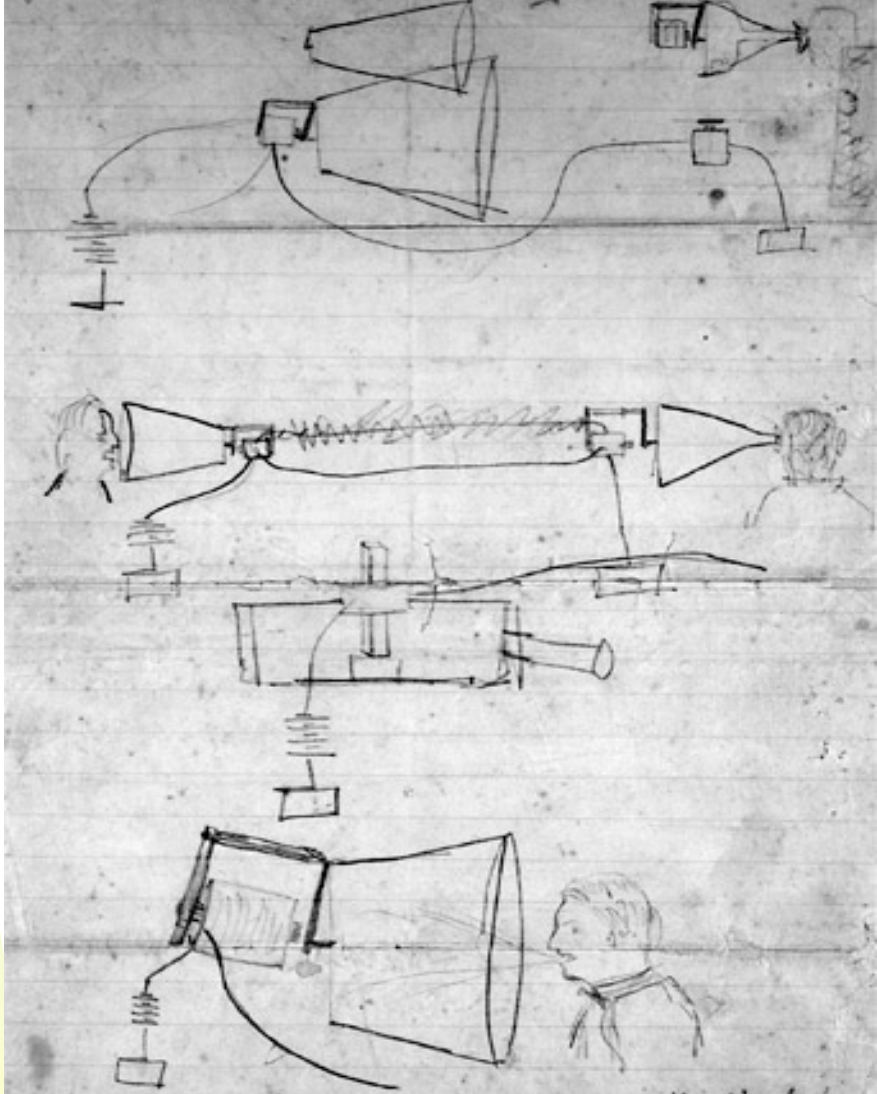


Great Men in Telephony



- Alexander Graham Bell
- Filed first Telephone Patent

Winton Jones to Miss Frances H. Agnew
Aug. 21st 1876 from A.G.B.



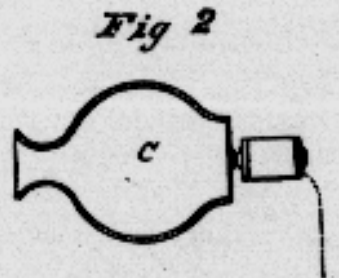
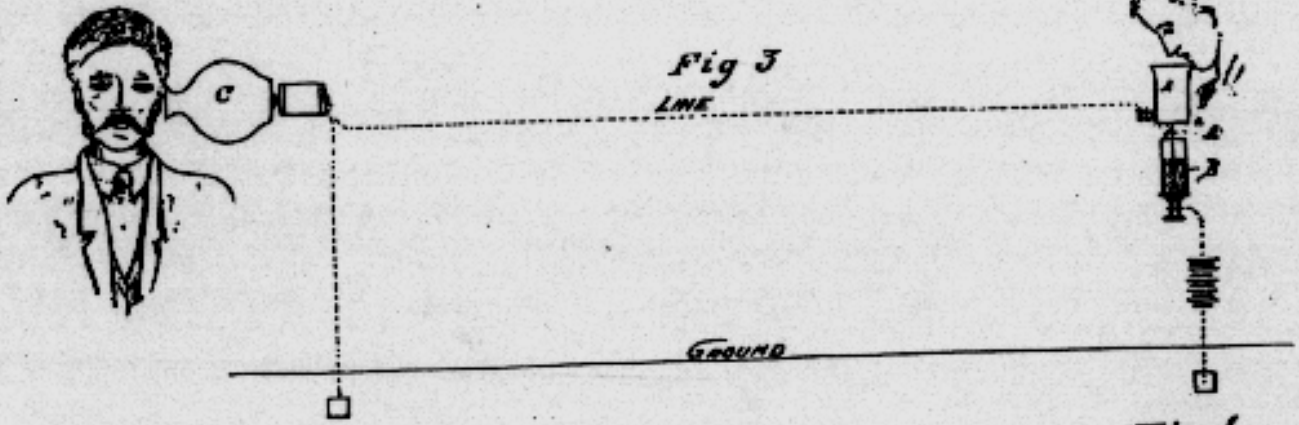
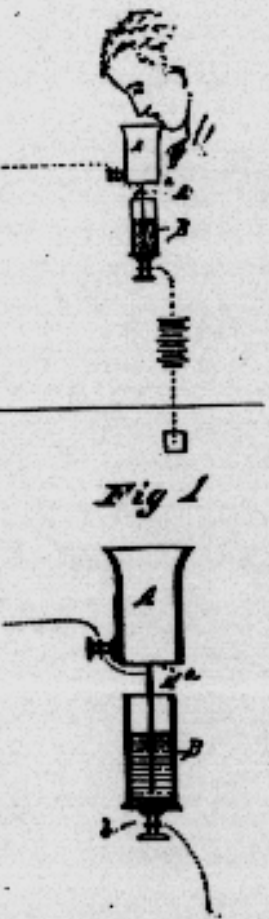
As far as I can remember these are the first
made of my telephone - or instrument for the
transmission of vocal utterances by telegraph.
A. Graham Bell

Great Men in Telephony



- Elisha Gray
- Slept in that morning
- Filed for a Telephone Patent 3 hours after Bell

ELISHA GRAY
INSTRUMENTS FOR TRANSMITTING AND
RECEIVING VOCAL SOUNDS TELEGRAPHICALLY
PATEAT FILED FEBRUARY 14TH 1876



WITNESSES,
Jas A. Stokes
J. O. Hill

INVENTOR,
Elisha Gray



Thus, IPR* disputes
became a foundation of
our industry for over 130
years!

* Fred Aske, former Deputy Director
General of ETSI once remarked that “IPR
stands for ‘I Prefer Retirement!’”

And IPR disputes can continue for a LONG TIME . . .

Monday June 17, 2002

The Guardian

- Italy hailed the redress of a historic injustice yesterday after the US Congress recognized an impoverished Florentine immigrant as the inventor of the telephone rather than Alexander Graham Bell.
- Historians and Italian-Americans won their battle to persuade Washington to recognize a little-known mechanical genius, Antonio Meucci, as a father of modern communications, **113 years after his death.**
- The vote by the House of Representatives prompted joyous claims in Meucci's homeland that finally Bell had been outed as a perfidious Scot who found fortune and fame by stealing another man's work.
- Calling the Italian's career extraordinary and tragic, the resolution said his "teletrofono", demonstrated in New York in 1860, **made him the inventor of the telephone in the place of Bell**, who had access to Meucci's materials and who took out a patent 16 years later.
 - ◆ <http://www.guardian.co.uk/international/story/0,3604,738675,00.html>

Great Men in Telephony



- Almon B. Strowger
- Undertaker
- Invented Dial Switching

Great Men in Telephony



- Put all these ladies out of work



Another European is on
the Great Men in
Telephony list . . .

Great Men in Telephony



- Karl Heinz Rosenbrock
- Second Director General of ETSI
- Our friend and honoree tonight!

Great Men in Telephony



Karl Heinz
Rosenbrock
as we like to
remember
him!



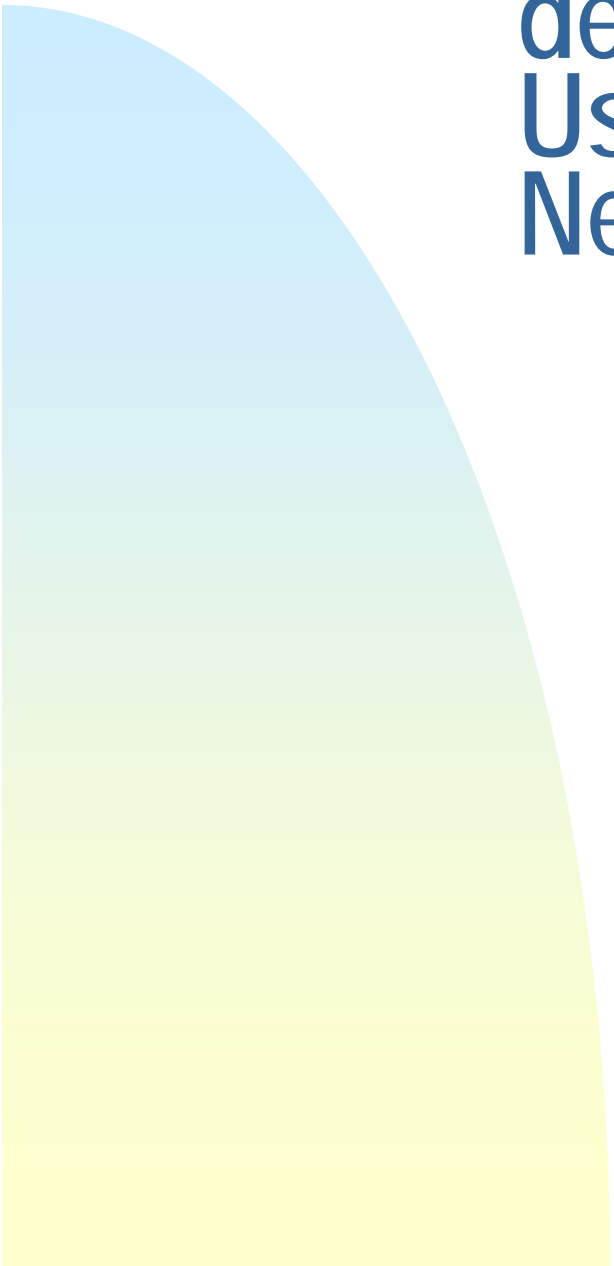
Karl Heinz, a man who has
made many contributions
to Telecom . . .

Karl Heinz, a man who has made many contributions to Telecom . . .

- **“Don't ask more from an Ox than a sirloin steak”**
- **“Sometimes you have to throw a sausage at the ham”**
- **“He's as grippy as an eel”**
- **“It's like having a hunting dog that you have to carry yourself”**
- **“Sometimes you have to demonstrate that the wolf has eaten chalk”**
- **“Now we have to get the cow off the ice”**
- **“Wash me, but don't make me wet”**
- **“It looks like a German speaking to a cow in French”**
- **“You have sucked the yellow out of the egg”**

Karl Heinz, a man who has made many contributions to Telecom . . .

- “That is a drop on a very hot stone”
- “Do we have some consensus (“even if it is done with a noise of teeth”)?”
- “Nothing is as convincing for a manufacturer as an order”
- “Learn to suffer without complaining”
- “One sparrow in the hand is better than a pigeon on the roof”
- “According to my primitive understanding”
- “Montezuma's revenge”
- “I still do not have an excellent taste in my mouth”
- “Less can be more . . .”
- “like a cat walking around a bowl of hot porridge”



Karl Heinz has always
demonstrated concern for
User (Consumer) Standards
Needs . . .



Karl Heinz has always demonstrated concern for User (Consumer) Standards Needs . . .

- By envisioning the need for an international traveler in a foreign country who might accidentally lock himself or herself out of their hotel room late at night (while not fully clothed), KHR championed the idea of a standard for “Emergency Communications” to have a house phone on every floor of the hotel so the traveler would not face the embarrassment of having to travel to the front desk to get their door opened.

Karl Heinz has always made an impression on those he meets an excerpt from an email to Dan Bart (used with permission of the copyright owner for those with IPR concerns)

- When I thought back to when I first met KH, it was in March 1993, just after Dan Smith died, and I was in Europe tending to Dan's meetings, including the ETSI GA as the IPR War was in progress. Due to a huge East Coast snowstorm, many of the US people who were coming didn't make it, though Bill Hanrahan powered his way in. KH from that first meeting was very welcoming to me, inviting me to the lunches, introducing me to others he thought I should get to know. And this was in the midst of our nasty battle. Thus, my respect for him started at the beginning, and it only grew over the years for any number of reasons.
- Some people tend to remember the bad things that have been done to them, but I strive to remember the good things that have come my way, and KH was one of those good "things."

Gary Kushnier, ANSI VP



Karl Heinz led the ETSI Delegation at GSC-9 in Sapporo Resolution implementation, while also addressing IPR Concerns!

Karl Heinz led the ETSI Delegation at GSC-9 in Sapporo Resolution implementation, while also addressing IPR Concerns!

Yesterday

Yesterday, all my troubles seemed so far away,
Then we came across the ITU,
Oh, I believe in ITU

NGN, we should do this work in PSOs
But the ITU thinks otherwise,
Oh, I believe in ITU

Then, we met in Seoul and our plans were shot to bits,
All, the PSOs were afraid and got the's

NGN, we will do our work in Partnership,
For IMS and all the mobile bits,
Oh, I believe in ITU

Oh yes, I really do

Behind every great man is a hard working lady!

Johanna Grison, loyal Assistant to Karl Heinz for more years than we can remember.

Oh no! not another one of his bright ideas! ☹



A man who works hard, but plays hard too!



Karl Heinz was young once! Can you spot him?



Here he is!



Circa 1970



TIA would like to Announce . . .

- Karl Heinz Rosenbrock has been nominated to receive the TIA *Spirit of Innovation Award* during the GLOBALCOMM2006 dinner Monday evening!
- Congratulations Karl Heinz!

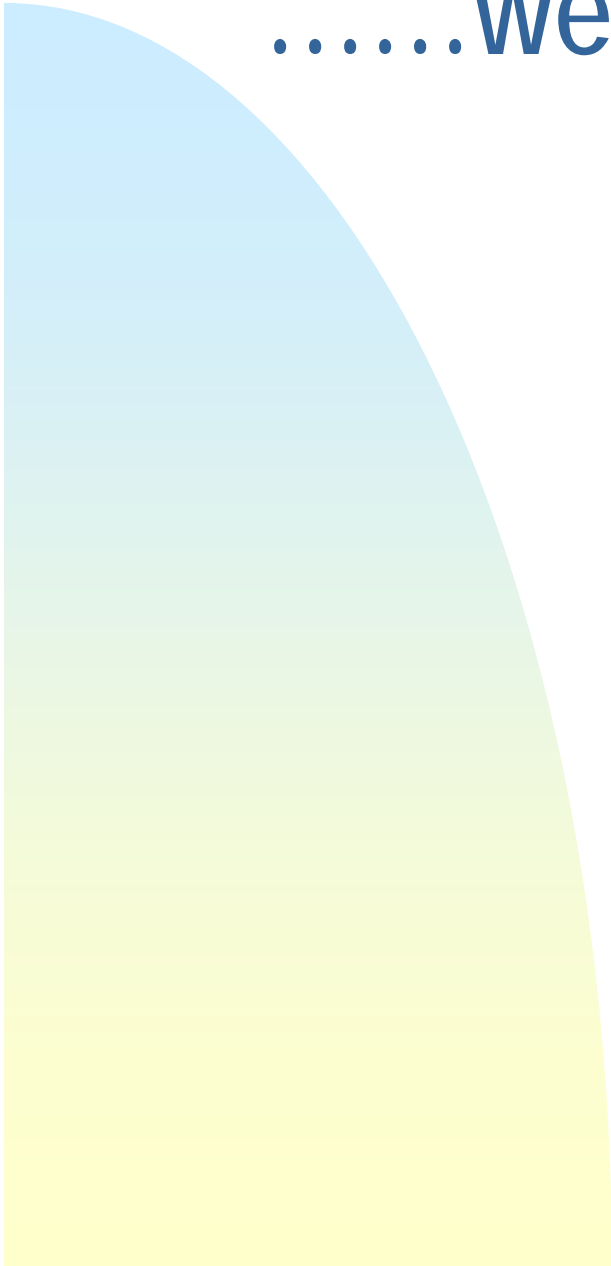
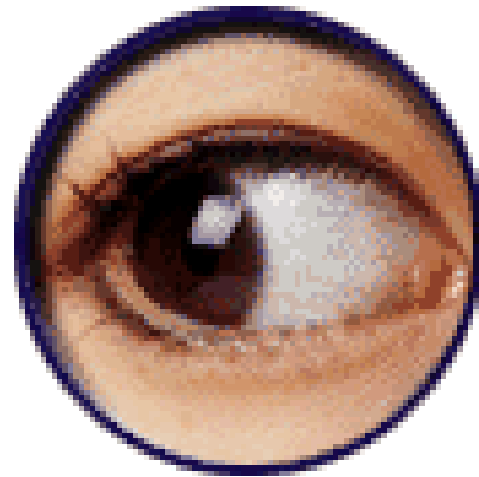


Karl Heinz,

All GSC participants would like to wish you a happy retirement!

And.....

.....we will be keeping an eye
on you!



The SS Rosenbrock



Boarding the SS Rosenbrock



As we said, a man who
knows how to enjoy
himself



A rainbow for Karl Heinze . . .





Auf Wiedersehen

- My friend! ... Dan Bart

Global Standards Collaboration

GSC



**GSC#11 meeting will be held in
Chicago - USA -
on 28 May - 2 June 2006
hosted by:**

