Report from CPO

( Chinese Profibus user Organization )

- Current status of CPO
- Tasks and responsibilities for CPO
- CPO Main activities
- Market status of PROFIBUS in China
Current status of CPO

- CPO was established in July, 1997 in Beijing.
- CPO is a non-profit social organization and acts as a bridge among China governmental departments, enterprises, institutes and universities.
- At present, there are about 130 members including 18 Full members. And among them, there are about 20 enterprises engaged in developing Profibus products.
- There are now Five persons working in CPO Office.
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Tasks and responsibilities for CPO

- Promote PROFIBUS technology and its application
- Support member companies of CPO for their market development and support end users (including Japanese end-users in China) for their applications
- Support Chinese companies to develop their own products
- Distribute relevant technical information and materials to CPO members in time
- Market research for fieldbus system in China
- Guide and administrate CPCC and CPPTL
CPO Main activities

n Publications
  F The paper collection of PROFIBUS application;
  F The latest trends of PROFIBUS & Ethernet;
  F Series of PROFIBUS /PROFINet Technical Articles

n Seminars
  F Hold Roadshow seminars on “PROFIBUS Technology, Products & Applications”;
  F Technical training on PROFIBUS technology for users;
  F Technical training on PROFIBUS product development;
  F Join various kinds of fieldbus forum.
CPO Main activities

- **Exhibition**
  - To participate Beijing FA / PA Fair each year and other fairs.

- **CPCC and CPPTL**
  - **CPCC**: PROFIBUS Product & System Integration Demonstration Laboratory including: PROFIBUS-DP System, PROFIBUS-PA System
  - **CPPTL**: PROFIBUS Product Test Laboratory
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CPO
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CPO Main activities

- **Standard**
  - To participate in formulating Chinese standard in fieldbus
  - PROFIBUS specification has become Chinese branch-industry standard number: JB / T 10308.3-2001
  - The Chinese version of IEC 61158 Type3 will be published in the second half of 2004.
  - The Chinese version of IEC 61158 Type10 will be published in the second half of 2005.

- **Market research for fieldbus systems in China**

- **Distribute related materials to CPO members in time**
Market status of PROFIBUS in China

Market status of Profibus in China

Manufacturing industry:
- Profibus
- DeviceNet, Modbus, Interbus

Process industry
- FF,PA

Profibus Main application areas:
- Manufacturing, metallurgy, pharmacy, building material, tobacco-making, water conservancy & hydraulic power generation, environmental protection, transportation, city heating system, building automation, etc.

Future market demand is greatly potential, for example:
- Demands for reforming traditional industrial technology
- Demands for infrastructure construction (such as transportation, water conservancy, power network, etc.) and China Western development Project.
- Demands for environmental protection, etc.
PROFIBUS market share in Beijing

Fieldbus Application

- ControlNet: 17%
- FF H1: 1%
- FF HSE: 4%
- Interbus: 1%
- P-Net: 1%
- Profibus: 51%
- World FIP: 14%
- 其它: 2%

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2003,11,12
JieDa Car Test system

CPO
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2003,11,12
Building Material Production Line

PROFIBUS-FMS

PROFIBUS-DP

OP27
S7-300
CPU315-2DP
1# 分散机

S7-300
CPU315-2DP
2# 分散机

ET-200M
IM153-2
3#、4# 分散机

S7-300
CPU315-2DP
分料系统

S7-300
CPU314+CP342-5
分料系统
BaDaLing Highway Channel Control System

Control center

S7-200

S7-300/CP340

光纤20公里

居庸关隧道

S7-200

S7-200

S7-300/CP340

光端机

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The Three Gorges Dyke

第五标段：
泄洪坝段的22个底孔弧形门

第六标段：
泄洪坝段的23个泄洪深孔弧形门

2个排漂孔弧形门
Welcome to Beijing, China

- Members of JPO are welcomed to visit Beijing FA/PA, or to participate in this fair;
- Japanese companies are welcomed to visit CPO, CPCC and CPPTL, as well as the Beijing FA/PA fair, or to participate in it.
Thank you!

Chinese Profibus User Organization