

PHSの国際的な動向

平成15年3月18日
PHS MoUグループ事務局

PHS Global Deployment



- Introduced or Adopted
- Field Trial

● PHS …… 日本で生まれて、アジアで大きく育った
世界3大エアープロトコルの1つに成長

● 何故、アジアで伸びているのか

安い(設備投資, 端末コスト, 通話料)

高品質な音声 (PHS: 32 kbps, GSM: 13 kbps)

低電磁波出力のメリット (電池寿命, 電磁波Issue)

(PHS: 10mW, GSM: 125mW)

既存設備の有効利用による効率的運用

PHS MoU 幹部名簿 / 役割

議長：堀崎 修宏 ((社)情報通信技術委員会 専務理事)

副議長：若尾 正義((社)電波産業会 専務理事)

Dr.Sam Endy (ArrayComm, Inc.副社長)

MoUの目的: PHSを国際的に導入し、運用し、普及させることにより、ユーザの利便の向上、ひいては世界の公衆の利益に貢献する

MoUの主な役割

- 1 . PHSプロトコル / サービスの世界普及・啓蒙活動
- 2 . 海外PHS 固有IDの管理・付与
- 3 . PHSに係わる技術仕様の作成
- 4 . PHSの国際ローミングの普及

PHS MoUグループ会員リスト (As of March 18, 2003)

Signatory Members:

Aamoisonic Electronics Co., Ltd.	CHINA
* ArrayComm, Inc.	USA
Asia Wireless Communication Co.,Ltd.	THAILAND
Cellular Roaming Alliance Pty Ltd.	AUSTRALIA
Comware C&C International Corp.	TAIWAN
Daiwa Institute of Research Ltd.	JAPAN
* DDI POCKET, Inc.	JAPAN
First International Telecom Corp. (FITEL)	TAIWAN
Fujitsu I-Network Systems Limited	JAPAN
* FUJITSU LIMITED	JAPAN
Hitachi Kokusai Electric Inc.	JAPAN
* Hitachi, Ltd.	JAPAN
HONDA ELECTRON CO., LTD	JAPAN
Inventec Electronics (Nanjing) Co., LTD	CHINA
Iwatsu Electric Co., Ltd.	JAPAN
* JAPAN RADIO Co., Ltd.	JAPAN
* KDDI CORPORATION	JAPAN
* KYOCERA Corporation	JAPAN
Lucent Technologies Qingdao Telecommunications Enterprise, LTD.	CHINA
* Mitsubishi Electric Corporation	JAPAN
Miyoshi Electronics Corporation	JAPAN
* NEC Corporation	JAPAN
NEC Infrontia Corporation	JAPAN
Nippon Telegraph and Telephone East Corporation	JAPAN
* NTT DoCoMo, Inc.	JAPAN
Oki Electric Industry Co., Ltd.	JAPAN
* Panasonic Communications Co., Ltd.	JAPAN
* Panasonic Mobile Communications Co.,Ltd.	JAPAN
* SANYO Electric Co., Ltd.	JAPAN
Seiko Instruments Inc.	JAPAN
Shanghai Putian Youtong IT Co., Ltd	CHINA
SHARP Corporation	JAPAN
* UTStarcom Inc.	USA
Wistron NeWeb Corporation	TAIWAN
Xi'an Haitian Antenna Technologies Co., Ltd.	CHINA
YOZAN Inc.	JAPAN
Zhejiang Huaneng Communication Development Co.	CHINA
ZTE CORPORATION	CHINA

Telecommunication Authority Members:

Australian Communications Authority (ACA)	AUSTRALIA
Directorate General of Posts and Telecommunications (DGPT)	INDONESIA
Ministry of Public Management, Home Affairs, Posts and Telecommunications (MPHPT)	JAPAN
Telecommunication Authority of Singapore (TAS)	SINGAPORE

Public Organization Members :

Association of Radio Industries and Businesses (ARIB)	JAPAN
Telecom Engineering Center (TELEC)	JAPAN
The Telecommunication Technology Committee of Japan (TTC)	JAPAN
National Electronics and computer Technology Center (NECTEC)	THAILAND

Observer Members:

Australian PHS Forum	AUSTRALIA
China Telecommunications Corporation	CHINA
Hong Kong Telecommunications Ltd.	HONG KONG
PT Indoprema Mikroselindo (PRIMASEL)	INDONESIA
PT Industri Telekomunikasi Indonesia (PERSERO)	INDONESIA
PT Jaya Telesarana Intisel (JTI)	INDONESIA
PT Patria Caraka Nusantara Konsorsium	INDONESIA
PT Swa Tatanan Paramarga	INDONESIA
Telephone Organization of Thailand	THAILAND
Thai Telephone & Telecommunication Public Co., Ltd.	THAILAND

Numbers at each category

Signatory member	38
Telecommunication authority member	4
Public organization member	4
Observer membe	10
Total	56

総会等活動履歴

年	月	開催地	イベント	関連動向
1995	12		MoU 設立準会発足	
1996	7	シンガポール	第 1 回発足総会 / PHS シンポジウム	MoU グループが正式に発足
1996	12	東京	第 2 回総会開催	
1997	7	バンコック	第 3 回総会開催 / PHS シンポジウム	タイでの公衆サービス開始
1997	12	東京	第 4 回総会開催	日本急速に加入者増加
1998	7	シドニー	第 5 回総会開催 / PHS シンポジウム	アジア通貨危機
1998	12	東京	第 6 回総会開催	N T T パーソナル、ドコモに吸収
1999	7	東京	第 7 回総会開催 / PHS セミナー	
1999	12	東京	第 8 回総会開催	
2000	6	シンガポール	第 9 回総会開催 / PHS セミナー	
2000	12	東京	第 10 回総会開催 / PHS セミナー	
2001	6	シンガポール	第 11 回総会開催 / PHS セミナー & パネルディスカッション	台湾 F I T E L 公衆サービス開始
2001	12	東京	第 12 回総会開催 / PHS セミナー	
2002	7	台北	第 14 回総会開催 / PHS セミナー	
2003	1	マカオ	第 15 回総会開催 / PHS セミナー	中国 1500 万、台湾 50 万加入
				ベトナム VNPT で公衆サービス開始
2003	7	(未定)	第 16 回総会 / PHS セミナー 予定	

第14回総会
台北 / 台湾 2002年7月



第15回総会
マカオ・シンセン / 中国 2003年1月



普及活動の例

メルマガの発行(隔月発行) ホームページ上での情報発信

PHSMoU News No.43

The 15th PHS MoU Group General Meeting held in Macau

The 15th General Meeting of the PHS MoU Group and the seminar were held on January 15, 2003 at Macau Tower Convention & Entertainment Centre.

Mr. Hishinuma, the consul of Consulate-General of Japan in Hong Kong was invited as a guest and approximately 60 participants including the representatives of each MoU member from four countries joined for the further growth of the PHS Industry.

Whole scene

PHS MoU Group Members visit ZTE & UFSstarcom in Shenzhen

The day after the General Meeting (January 16, 2003), participants moved from Macau to Shenzhen to visit ZTE Corporation's Headquarters located in the Hi-tech Industrial Park. And the next day (January 17), they visited UFSstarcom's Shenzhen R&D Center.

At ZTE

PHS Seminar

1. Latest Update for PHS Operation in Taiwan
- Dr. Hsin-Bin Chuang First International Telecom Corp -

FTEL's PHS business has achieved quite successful growth in 2002 and current PHS subscribers are more than 500,000. The most important aspect of the successful PHS business is the handset terminal. Clamshell type "J89" with four level monochrome LCD and exclusive button for easy access to the data application was launched last month.

Dr. Hsin-Bin Chuang

2. SD card type PHS Terminal AH-S101S
- Mr. Toru Ariga Seiko Instruments Inc -

SI is one of the PC card type PHS terminal vendors. The SD card type PHS terminal called "AH-S101S" was developed last year. One of this device's concepts is to provide the standard device. This is the very reason for having selected the SD card. Further, it's also applicable to other electronic devices than the PC and PDA such as video camera, audio set, set top box, car electronics, security system etc.

Mr. Toru Ariga

PHS MoU Group START - Microsoft Internet Explorer

http://www.phsmou.org/index.html

SEARCH **GO!**

Welcome to the complete source on Personal Handy Phone Technology.

News and Articles

- Feb 27, 2003 - NTT DoCoMo to launch flat-rate in April
- Jan 30, 2003 - New IP Telephone Service by PHS
- Jan 30, 2003 - NISS demonstrated Car Theft Prevention System [...more Hot News](#)

Check out PHS MoU Group News Issue No.43 (March 2003) now available online... [...Newsletters](#)

PHS-WLAN combined Service is planned [...continued](#) [...more Articles](#)

Independent Survey Demonstrates PHS Quality is Better Than Cellular [...press releases](#)

Documents

Technical Documents - including specifications and technical reports [...Documents](#)

Events/Meetings

"PHSMoU Group General Meetings" Information now available for upcoming General Meetings.

1 Mbps

The PHS MoU Group has released all 2001 technical documents for download - Available [here](#).

DDI Pocket releases world's first Blue Tooth PHS modem [...more](#)

Advanced PHS as Next Generation

