

July. 21, 2009

Activities of Head & Disk Committee

Chairperson: Hiroshi Mutoh / Hitachi GST
Co-chairperson: Kazuo Kobayashi / IDEMA

Activities of Head & Disk Committee (from July 2008 to July 2009)

The meeting was held 4 times on Sep. 5, Nov. 21, Feb. 13 and Jun. 19

Discussed items:

- Revised edition for
 “Dictionary of Technical Term for Storage”
- Revising the road map for HDD
- Start up for Equipment WG for manufacturing

Equipment WG for manufacturing

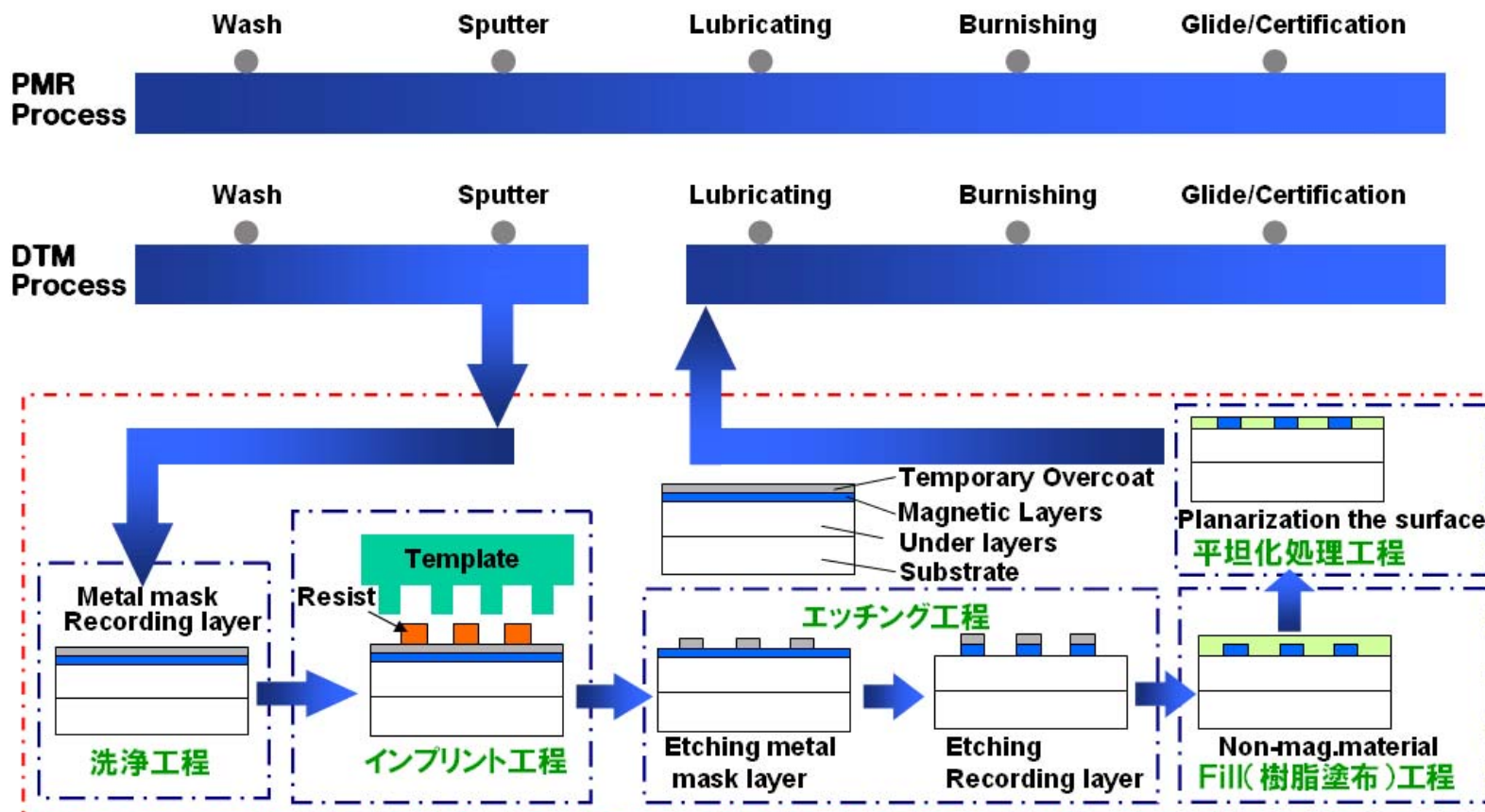
- Start up for Equipment WG for manufacturing
Leader: Ryuji Higuchi, Hitachi High-Technologies
- The Test Method WG on DTM/BPM merged into this WG.

Aim of this WG is;

- To establish a general equipment model to understand about the DTM/BPM manufacturing
- To introduce the company relating the DTM/BPM technology
- To edit for technical term about DTM/BPM technology

Example of general equipment model

DTM工程(一般的な工程:WG検討用)



Workshop

CoFeB Soft Film, DFH, MRAM (Sept. 5)

- Nakagawa, Tokyo Kogyo Univ.
- Aoki, Fujitsu
- Yoda, Toshiba

Compton Profiles, Signal Processing, BPM (Nov. 21)

- Sakurai, JASRI / SPring-8
- Honma, Gunma Univ.
- Esumi, SIGLEAD Inc.
- Kato, Nagoya Univ.

MAMR, Nano-structure, CoPtCr media (Feb. 13)

- Igarashi, Hitachi
- Yoshida, Kougakuin Univ.
- Sugiura, Park systems
- Nakagawa, Tokyo Kogyo Univ.

DTM / BPM, Magnetic copy, Shingle write (Jun. 19)

- Nakagawa, Tanaka Kihan
- Sugita, Ibaraki Univ.
- Tagawa, Hitachi GST

Future schedule

Discussion items :

- Equipment WG for manufacturing (DTM / BPM)
 - General equipment model
 - Roadmap for equipment
 - Technical term
- Standardization
- Future of magnetic recording
 - Head—TAMR, CPP, HAMR, MAMR
 - Media—PMR, DTM, BPM, HAMR
 - HDI, etc. —Suspension, Preamp, Channel, etc.

Thank you