

## GLI雪氷プロダクトの精度改善のための検証計画

2003.12.24

| 年<br>月          |                  | 2003                                               |   |   |   |   | 2004                 |    |   |   |   |                                                                 |    |    |   |   |                      |   | 2005 |    |   |   |   |    |    |    |  |  |  |  |
|-----------------|------------------|----------------------------------------------------|---|---|---|---|----------------------|----|---|---|---|-----------------------------------------------------------------|----|----|---|---|----------------------|---|------|----|---|---|---|----|----|----|--|--|--|--|
|                 |                  | 12                                                 | 1 | 2 | 3 | 4 | 5                    | 6  | 7 | 8 | 9 | 10                                                              | 11 | 12 | 1 | 2 | 3                    | 4 | 5    | 6  | 7 | 8 | 9 | 10 | 11 | 12 |  |  |  |  |
| 打上後 L+*         |                  | 12                                                 |   |   |   |   |                      | 18 |   |   |   |                                                                 |    | 24 |   |   |                      |   |      | 30 |   |   |   |    |    | 36 |  |  |  |  |
| 検証作業            | 地上観測             | *(南極観測)                                            |   |   |   |   | *サロマ湖観測<br>*(アラスカ観測) |    |   |   |   | *(南極観測)                                                         |    |    |   |   | *サロマ湖観測<br>*(アラスカ観測) |   |      |    |   |   |   |    |    |    |  |  |  |  |
|                 |                  |                                                    |   |   |   |   | SNWG,SNWI<br>の精度向上   |    |   |   |   |                                                                 |    |    |   |   | SNWG,SNWI<br>の精度向上   |   |      |    |   |   |   |    |    |    |  |  |  |  |
|                 | 他衛星センサ<br>データの利用 | MODIS積雪/海氷分布との<br>比較 → SCFGの精度向上                   |   |   |   |   |                      |    |   |   |   |                                                                 |    |    |   |   |                      |   |      |    |   |   |   |    |    |    |  |  |  |  |
|                 |                  | SSM/I (AMSR)海氷密接度<br>や積雪深等との比較<br>→ SNWG,SNWIの精度向上 |   |   |   |   |                      |    |   |   |   | アルゴリズムの調整,改良などにより精度を確保<br>できる地域を明示し,品質情報を付加<br>→ SNWG,SNWIの精度向上 |    |    |   |   |                      |   |      |    |   |   |   |    |    |    |  |  |  |  |
|                 |                  |                                                    |   |   |   |   |                      |    |   |   |   |                                                                 |    |    |   |   |                      |   |      |    |   |   |   |    |    |    |  |  |  |  |
| プロダクトVer.       |                  | 1.0                                                |   |   |   |   | 2.0                  |    |   |   |   |                                                                 |    |    |   |   | X.0                  |   |      |    |   |   |   |    |    |    |  |  |  |  |
| 到達予想精度<br>[目標値] | SCFG_雲 [5%]      | 30                                                 |   |   |   |   | 5 (目標達成)             |    |   |   |   |                                                                 |    |    |   |   | 5                    |   |      |    |   |   |   |    |    |    |  |  |  |  |
|                 | SCFG_雪 [5%]      | 30                                                 |   |   |   |   | 5 (目標達成)             |    |   |   |   |                                                                 |    |    |   |   | 5                    |   |      |    |   |   |   |    |    |    |  |  |  |  |
|                 | SNWG [20%]       | 100                                                |   |   |   |   | 50                   |    |   |   |   |                                                                 |    |    |   |   | 20 (目標達成)            |   |      |    |   |   |   |    |    |    |  |  |  |  |
|                 | SNWI [30%]       | 400                                                |   |   |   |   | 200                  |    |   |   |   |                                                                 |    |    |   |   | 30 (目標達成)            |   |      |    |   |   |   |    |    |    |  |  |  |  |