

## INSTALLATION BEAM LOSS DANS LE SPS

28/10/2003

| PPC<br>BA | BLR 10S<br>BA 1 | BLR 11S<br>BA 1 | BLR 20S<br>BA 2 | BLR 21S<br>BA 2 | BLR 30S<br>BA 3 | BLR 40S<br>BA 4 | BLR 42S<br>BA 4 | BLR 50S<br>BA 5 | BLR 60S<br>BA 6 | BLR 61S<br>BA 6 | BLR 80S<br>BA 80 |
|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Channel   |                 |                 |                 |                 |                 |                 |                 |                 |                 |                 |                  |
| 1         | MDV 1-01        | MKDH 11740      | MDV 2-01        | ZS1 21636       | MDV 3-01        | MDV 4-01        | BL 41835        | MDV 5-01        | MDV 6-01        | BL 61636        | MDLV 211631      |
| 2         | MDH 1-02        | TAL 11771       | MDH 2-02        | ZS2 21652       | MDH 3-02        | MDH 4-02        | BL 41839        | MDH 5-02        | MDH 6-02        | ZS1 61652       | TCSC 211708      |
| 3         | MDV 1-03        | QFA 11809       | MDV 2-03        | ZS3 21658       | MDV 3-03        | MDV 4-03        | BL 41854        | MDV 5-03        | MDV 6-03        | ZS2 61658       | MSSB 211713      |
| 4         | MDH 1-04        | MDHD 11831      | MDH 2-04        | ZS4 21674       | MDH 3-04        | MDH 4-04        | BL 41859        | MDH 5-04        | MDH 6-04        | ZS3 61674       | MSSB 211732      |
| 5         | MDV 1-05        | MSI 11836       | MDV 2-05        | ZS5 21680       | MDV 3-05        | MDV 4-05        | BL 41874        | MDV 5-05        | MDV 6-05        | ZS4 61680       | MSSB 211741      |
| 6         | MDH 1-06        | MSI 11852       | MDH 2-06        | TCE 21694       | MDH 3-06        | MDH 4-06        | BL 41879        | MDH 5-06        | MDH 6-06        | ZS5 61686       | QTAD 220400      |
| 7         | MDV 1-07        | TFDV 11872      | MDV 2-07        | TPS 21772       | MDV 3-07        | MDV 4-07        | BL 41884        | MDV 5-07        | MDV 6-07        | TCE 61694       | TCSC 220436      |
| 8         | MDH 1-08        | MDVA 11904      | MDH 2-08        | MST1 21775      | MDH 3-08        | MDH 4-08        | BL 41897        | MDH 5-08        | MDH 6-08        | TPS 61772       | MSSB 220441      |
| 9         | MDV 1-09        | MKP1 11933      | MDV 2-09        | MST1 21776      | MDV 3-09        | MDV 4-09        |                 | MDV 5-09        | MDV 6-09        | MST1 61775      | MSSB 220460      |
| 10        | MDH 1-10        | MKP3 11954      | MDH 2-10        | MST2 21792      | MDH 3-10        | MDH 1-10        |                 | MDH 5-10        | MDH 6-10        | MST1 61776      | MSSB 220469      |
| 11        | MDV 1-11        | TBSJ 11998      | MDV 2-11        | MST3 21796      | MDV 3-11        | MDV 4-11        |                 | MDV 5-11        | MDV 6-11        | MST2 61792      | MDLV 240209      |
| 12        | MDH 1-12        |                 | MDH 2-12        | MSE1 21835      | MDH 3-12        | MDH 4-12        |                 | MDH 5-12        | MDH 6-12        | MST3 61796      |                  |
| 13        | MDV 1-13        |                 | MDV 2-13        | MSE2 21839      | MDV 3-13        | MDV 4-13        |                 | MDV 5-13        | MDV 6-13        | MSE1 61835      |                  |
| 14        | MDH 1-14        |                 | MDH 2-14        | QD 21910 in     | MDH 3-14        | MDH 4-14        |                 | MDH 5-14        | MDH 6-14        | MSE2 61839      |                  |
| 15        | MDV 1-15        |                 | MDV 2-15        | QD 21910 out    | MDV 3-15        | MDV 4-15        |                 | MDV 5-15        | MDV 6-15        | QD 61910 in     |                  |
| 16        | MDH 1-16        |                 | MDH 2-16        |                 | MDH 3-16        | MDH 4-16        |                 | MDH 5-16        | MDH 6-16        | QD 61910 out    |                  |
| 17        | MDV 1-17        |                 | MDV 2-17        |                 | MDV 3-17        | MDV 4-17        |                 | MDV 5-17        | MDV 6-17        |                 |                  |
| 18        | MDH 1-18        |                 | MDH 2-18        |                 | MDH 3-18        | MDH 4-18        |                 | MDH 5-18        | MDH 6-18        |                 |                  |
| 19        | MDV1-19         |                 | MDV 2-19        | MDLV 210218     | MDV 3-19        | MDV 4-19        |                 | MDV 5-19        | MDV 6-19        | BLR 610617      |                  |
| 20        | MDH 1-20        |                 | MDH 2-20        | QTL D 210300    | MDH 3-20        | MDH 4-20        |                 | MDH 5-20        | MDH 6-20        | BLL 610630      |                  |
| 21        | MDV 1-21        |                 | MDV 2-21        | MBE 210547      | MDV 3-21        | MDV 4-21        |                 | MDV 5-21        | MDV 6-21        | BLR 670004      |                  |
| 22        | MDH 1-22        |                 | MDH 2-22        | MBB 210906      | MDH 3-22        | MDH 4-22        |                 | MDH 5-22        | MDH 6-22        | BLL 670004      |                  |
| 23        | MDV 1-23        |                 | MDV 2-23        | MBB 211368      | MDV 3-23        | MDV 4-23        |                 | MDV 5-23        | MDV 6-23        | BLU 670105      |                  |
| 24        | MDH 1-24        |                 | MDH 2-24        | MBE 211415      | MDH 3-24        | MDH 4-24        |                 | MDH 5-24        | MDH 6-24        | BLD 670105      |                  |
| 25        | MDV 1-25        |                 | MDV 2-25        | QNL D 211506    | MDV 3-25        | MDV 4-25        |                 | MDV 5-25        | MDV 6-25        | BLU 670300      |                  |
| 26        | MDH 1-26        |                 | MDH 2-26        | QNL F 211600    | MDH 3-26        | MDH 4-26        |                 | MDH 5-26        | MDH 6-26        | BLD 670300      |                  |
| 27        | MDV 1-27        |                 | MDV 2-27        |                 | MDV 3-27        | MDV 4-27        |                 | MDV 5-27        | MDV 6-27        | BLR 670300      |                  |
| 28        | MDH 1-28        |                 | MDH 2-28        |                 | MDH 3-28        | MDH 4-28        |                 | MDH 5-28        | MDH 6-28        | BLL 670300      |                  |
| 29        | MDV 1-29        |                 | MDV 2-29        |                 | MDV 3-29        | MDV 4-29        |                 | MDV 5-29        | MDV 6-29        |                 |                  |
| 30        | MDH 1-30        |                 | MDH 2-30        |                 | MDH 3-30        | MDH 4-30        |                 | MDH 5-30        | MDH 6-30        |                 |                  |
| 31        | MDV 1-31        |                 | MDV 2-31        |                 | MDV 3-31        | MDV 4-31        |                 | MDV 5-31        | MDV 6-31        |                 |                  |
| 32        | MDH 1-32        |                 | MDH 2-32        |                 | MDH 3-32        | MDH 4-32        |                 | MDH 5-32        | MDH 6-32        |                 |                  |
| 33        | MDV 1-33        |                 | MDV 2-33        |                 | MDV 3-33        | MDV 4-33        |                 | MDV 5-33        | MDV 6-33        |                 |                  |
| 34        | MDH 1-34        |                 | MDH 2-34        |                 | MDH 3-34        | MDH 4-34        |                 | MDH 5-34        | MDH 6-34        |                 |                  |
| 35        | MDV 1-35        |                 | MDV 2-35        |                 | MDV 3-35        | MDV 4-35        |                 | MDV 5-35        | MDV 6-35        |                 |                  |
| 36        | MDH 1-36        |                 | MDH 2-36        |                 | MDH 3-36        | MDH 4-36        |                 | MDH 5-36        | MDH 6-36        |                 |                  |

Total: 295 Beam Loss installées dans le SPS

| PPC     | BLR 41S    | BLR 87S        | BLR 70S    | BLR 23S    | BLR 87aS |
|---------|------------|----------------|------------|------------|----------|
| BA      | BB4        | UA 87          | BA 7       | UA 23      | UA 87    |
| Channel |            |                |            |            |          |
| 1       | BL 400103  | BLMI 84703     | BLMI 20103 | BLMI 26103 | Muons 1  |
| 2       | BL 400117  | BLMI 85303     | BLMI 20203 | BLMI 26503 | Muons 1  |
| 3       | BL 400206  | BLMI 85503     | BLMI 20644 | BLMI 26903 | Muons 1  |
| 4       | BL 400306  | BLMI 86103     | BLMI 20903 | BLMI 27303 | Muons 1  |
| 5       | BL 400316  | BLMI 86303     | BLMI 21503 | BLMI 27703 | Muons 1  |
| 6       | BL 400406  | BLMI 86903     | BLMI 21703 | BLMI 27903 | Muons 1  |
| 7       | BLMI 80103 | BLMI 87103     | BLMI 22303 | BLMI 28303 | Muons 1  |
| 8       | BLMI 82103 | BLMI 87319     | BLMI 22903 | BLMI 28703 | Muons 1  |
| 9       | BLMI 82303 | BLMI 87423     | BLMI 23103 | BLMI 28903 | Muons 1  |
| 10      | BLMI 82903 | BLMI 87519     | BLMI 23303 | BLMI 29103 | Muons 1  |
| 11      | BLMI 83103 | BLMI 87703     | BLMI 23903 | BLMI 29320 | Muons 1  |
| 12      | BLMI 83703 | BLMI 87720     | BLMI 24103 | BLMI 29403 | Muons 1  |
| 13      | BLMI 83903 | BLMI 87840     | BLMI 24703 | BLMI 29503 | Muons 1  |
| 14      | BLMI 84503 | BLMI 88003     | BLMI 24903 | BLMI 29538 | Muons 1  |
| 15      | BL TT 41   | BLMI C6R8      | BLMI 25503 | BLMI 29556 | Muons 1  |
| 16      | BL TT 41   | BLMI B6R8      | BLMI 25703 | BLMI 29573 | Muons 1  |
| 17      | BL TT 41   | BLMI A6R8      |            | BLMI 4L2B1 | Muons 1  |
| 18      | BL TT 41   | BLMI 5R8       |            |            | Muons 1  |
| 19      | BL TT 41   |                |            |            | Muons 2  |
| 20      | BL TT 41   |                |            |            | Muons 2  |
| 21      | BL TT 41   |                |            |            | Muons 2  |
| 22      | BL TT 41   |                |            |            | Muons 2  |
| 23      | BL TT 41   |                |            |            | Muons 2  |
| 24      | BL TT 41   |                |            |            | Muons 2  |
| 25      | BL TT 41   |                |            |            | Muons 2  |
| 26      | BL TT 41   |                |            |            | Muons 2  |
| 27      | BL TT 41   |                |            |            | Muons 2  |
| 28      | BL TT 41   |                |            |            | Muons 2  |
| 29      | BL TT 41   |                |            |            | Muons 2  |
| 30      | BL TT 41   |                |            |            | Muons 2  |
| 31      | BL TT 41   |                |            |            | Muons 2  |
| 32      | BL TT 41   |                |            |            | Muons 2  |
| 33      |            |                |            |            | Muons 2  |
| 34      |            |                |            |            | Muons 2  |
| 35      |            | BL à installer |            |            | Muons 2  |
| 36      |            |                |            |            | Muons 2  |

Tot: 119 Beam Loss installés dans transfert LHC et CNGS