

## LLO SUS INSTALL RACK BUILD OUT

This workbook contains spreadsheets for the build out of all LLO SUS electronics.

updated 3-May-2013

| <b>SUS ELECTRONICS SPARES SUMMARY:</b> |          |   |
|--|----------|---|
| TTOP                                   | D1001242 | <b>6 SPARES, including test rack</b>    |
| TACQ                                   | D090006  | <b>8 SPARES, including test rack</b>    |
| QUAD TOP                               | D1001782 | <b>5 SPARES</b>                         |
| UIM                                    | D0902668 | <b>1 spare</b>                          |
| PUM                                    | D1100303 | <b>3 SPARES</b>                         |
| OMC                                    | D1100304 | <b>1 spare</b>                          |
| TM                                     | D1100301 | <b>1 spare</b>                          |
| AI 4xDB9                               | D1000305 | <b>3 spares, including test rack</b>    |
| AI DB9;DB15                            | D1100815 | <b>1 spare</b>                          |
| AA 2xDB15;5xDB9                        | D1100809 | <b>2 spares</b>                         |
| AA 2xDB9; 2xDB25                       | D1000721 | <b>1 spare</b>                          |
| AA (8xDB9)                             | D0902783 | <b>2 spares, including test rack</b>    |
| BI 8xDB9                               | D1001726 | <b>1 spare</b>                          |
| BO 8xDB9                               | D1002593 | <b>1 spare</b>                          |
| BI 4xDB9 ; 2xDB37                      | D1001269 | <b>0 spare</b>                          |
| BO 4xDB9 ; 2xDB37                      | D1001270 | <b>0 spare</b>                          |
| BI (DB9, DB25)                         | D1000726 | <b>1 spare, including test rack</b>     |
| BO (DB9, DB25)                         | D1000725 | <b>1 spare, including test rack</b>     |
| Sat Amps                               | D0901284 | <b>5 spares (plus 5 pre-production)</b> |

| <b>Inventory of SUS electronics needed per IFO</b> |              |
|--|--------------|
| <b>Count of Row</b>                                |              |
| <b>Row Labels</b>                                  | <b>Total</b> |
| 8 Channel OPLEV whitening                          | 5            |
| AA (2xDB15, 5xDB9)                                 | 2            |
| AA (2xDB9, 2xDB25)                                 | 34           |
| AA (8xDB9)   | 12           |
| AI (2 x DB15, 1 x DB9)                             | 3            |
| AI (4xDB9)   | 18           |
| BI (DB9 & DB37)                                    | 4            |
| BI (8xDB9)   | 5            |
| BI (DB9, DB25)                                     | 6            |
| BO (8xDB9)   | 5            |
| BO (DB9 & DB37)                                    | 4            |
| BO (DB9, DB25)                                     | 6            |
| HAM-A Coil Driver                                  | 4            |
| IO Ext Chassis                                     | 13           |
| Laser Power Marshal Chassis                        | 1            |
| OMC  | 2            |
| PUM Driver   | 4            |
| Quad Top Driver                                    | 12           |
| Sat Amp  | 65           |
| Shelf for OpLev Lasers                             | 2            |
| TM Top Driver                                      | 4            |
| Triple Acq   | 19           |
| Triple top   | 16           |
| UIM Driver   | 4            |
| <b>Grand Total</b>                                 | <b>250</b>   |

| <b>HAM3-4 RACK<br/>S1104062 L1-SUS-C1<br/>D1200856</b> | <b>Chassis Type</b> | <b>D#</b> |
|--|---------------------|-----------|
| 42   |                     |           |
| 41   | Triple top          | D1001242  |
| 40   | Triple top          | D1001242  |
| 39   | Triple top          | D1001242  |
| 38   |                     |           |
| 37   | Triple top          | D1001242  |
| 36   | Triple top          | D1001242  |
| 35   |                     |           |
| 34   | AA (8xDB9)          | D0902783  |
| 33   | AA (8xDB9)          | D0902783  |
| 32   |                     |           |
| 31   | AI (4xDB9)          | D1000305  |
| 30   | AI (4xDB9)          | D1000305  |
| 29   |                     |           |
| 28   | Triple Acq          | D090006   |
| 27   | Triple Acq          | D090006   |
| 26   | Triple Acq          | D090006   |
| 25   |                     |           |
| 24   | AI (4xDB9)          | D1000305  |
| 23   |                     |           |
| 22   | Triple Acq          | D090006   |
| 21   | Triple Acq          | D090006   |
| 20   | Triple Acq          | D090006   |
| 19   |                     |           |
| 18   | BO (DB9, DB25)      | D1000725  |
| 17   | BI (DB9, DB25)      | D1000726  |
| 16   | BO (DB9, DB25)      | D1000725  |
| 15   | BI (DB9, DB25)      | D1000726  |
| 14   |                     |           |
| 13   |                     |           |
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| <u>S#</u> | <u>NOTES</u>                |
|-----------|-----------------------------|
| S1000260  | MC2_M1(top)                 |
| S1000264  | MC2_M1/PR2_M1(top)          |
| S1000721  | PR2_M1(top)                 |
|           |                             |
| S1000722  | SR2_M1(top)                 |
| S1000273  | SR2_M1(top)                 |
|           |                             |
| S1103954  | to i/o L1-SUS-C2-27-ADC0    |
| S1100327  | to i/o L1-SUS-C2-27-ADC1    |
|           |                             |
| S1105314  | from i/o L1-SUS-C2-28DAC0/1 |
| S1001198  | from i/o L1-SUS-C2-28DAC2/3 |
|           |                             |
| S1000347  | MC2_M2(middle)              |
| S1000348  | MC2_M3(bottom)              |
| S1000349  | PR2_M2(middle)              |
|           |                             |
| S1101815  | from i/o L1-SUS-C2-28DAC4/5 |
|           |                             |
| S1000350  | PR2_M3(bottom)              |
| S1001187  | SR2_M2(middle)              |
| S1001188  | SR2_M3(bottom)              |
|           |                             |
| S1101781  |                             |
| S1101805  |                             |
| S1101782  |                             |
| S1101802  |                             |
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| Count of Chassis Type |           |
|-----------------------|-----------|
| Row Labels            | Total     |
| AA (8xDB9)            | 2         |
| AI (4xDB9)            | 3         |
| Triple Acq            | 6         |
| Triple top            | 5         |
| <b>Grand Total</b>    | <b>16</b> |

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| <b>HAM3-4 RACK</b><br><b>S1104356 L1-SUS-C2</b><br><b>D1200859</b> | <b>Chassis Type</b> | <b>D#</b> |
|--|---------------------|-----------|
| 42   |                     |           |
| 41   | AA (2xDB9, 2xDB25)  | D1000721  |
| 40   | AA (2xDB9, 2xDB25)  | D1000721  |
| 39   |                     |           |
| 38   | AA (2xDB9, 2xDB25)  | D1000721  |
| 37   | AA (2xDB9, 2xDB25)  | D1000721  |
| 36   |                     |           |
| 35   | AA (2xDB9, 2xDB25)  | D1000721  |
| 34   | AA (2xDB9, 2xDB25)  | D1000721  |
| 33   |                     |           |
| 32   | IO Ext Chassis      | D1001715  |
| 31   |                     |           |
| 30   |                     |           |
| 29   |                     |           |
| 28   |                     |           |
| 27   | IO Ext Chassis      | D1001715  |
| 26   |                     |           |
| 25   |                     |           |
| 24   |                     |           |
| 23   |                     |           |
| 22   |                     |           |
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| 17   |                     |           |
| 16   |                     |           |
| 15   |                     |           |
| 14   |                     |           |
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| <b>S#</b> | <b>NOTES</b> |
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| S1105129  |              |
| S1105149  |              |
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| S1105148  |              |
| S1105147  |              |
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| S1105146  |              |
| S1105145  |              |
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| S1001141  |              |
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| S1001140  |              |
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| <b>Count of Chassis Type</b> |          |
|------------------------------|----------|
| Row Labels                   | Total    |
| AA (2xDB9, 2xDB25)           | 6        |
| IO Ext Chassis               | 2        |
| <b>Grand Total</b>           | <b>8</b> |

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| <b>HAM2 RACK S1104357</b> |                     |           |
|---------------------------|---------------------|-----------|
| <b>L1-SUS-C3 D1200864</b> | <b>Chassis Type</b> | <b>D#</b> |
| 42                        |                     |           |
| 41                        | AA (2xDB9, 2xDB25)  | D1000721  |
| 40                        | AA (2xDB9, 2xDB25)  | D1000721  |
| 39                        |                     |           |
| 38                        | AA (2xDB9, 2xDB25)  | D1000721  |
| 37                        | AA (2xDB9, 2xDB25)  | D1000721  |
| 36                        |                     |           |
| 35                        | AA (2xDB9, 2xDB25)  | D1000721  |
| 34                        | AA (2xDB9, 2xDB25)  | D1000721  |
| 33                        |                     |           |
| 32                        | AA (2xDB9, 2xDB25)  | D1000721  |
| 31                        | AA (8xDB9)          | D0902783  |
| 30                        |                     |           |
| 29                        |                     |           |
| 28                        |                     |           |
| 27                        | IO Ext Chassis      | D1001715  |
| 26                        |                     |           |
| 25                        |                     |           |
| 24                        |                     |           |
| 23                        | IO Ext Chassis      | D1001715  |
| 22                        |                     |           |
| 21                        |                     |           |
| 20                        |                     |           |
| 19                        | IO Ext Chassis      | D1001715  |
| 18                        |                     |           |
| 17                        |                     |           |
| 16                        |                     |           |
| 15                        |                     |           |
| 14                        | BO (DB9, DB25)      | D1000725  |
| 13                        | BI (DB9, DB25)      | D1000726  |
| 12                        | BO (DB9, DB25)      | D1000725  |
| 11                        | BI (DB9, DB25)      | D1000726  |
| 10                        | BO (8xDB9)          | D1002593  |
| 9                         | BI (8xDB9)          | D1001726  |
| 8                         |                     |           |
| 7                         | BO (8xDB9)          | D1002593  |

|   |            |          |
|---|------------|----------|
| 6 | BI (8xDB9) | D1001726 |
| 5 |            |          |
| 4 |            |          |
| 3 |            |          |
| 2 |            |          |
| 1 |            |          |

| <b>S#</b> | <b>NOTES</b> |
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| S1105265  |              |
| S1105289  |              |
| S1105290  |              |
| S1105291  |              |
| S1105292  |              |
| S1105293  |              |
| S1105294  |              |
| S1100335  |              |
| S1103891  |              |
| S1001133  |              |
| S1001139  |              |
| S1104838  |              |
| S1104460  |              |
| S1104841  |              |
| S1104457  |              |
| S1101772  |              |
| S1101283  |              |
| S1101773  |              |

| <b>Count of Chassis Type</b> |           |
|------------------------------|-----------|
| Row Labels                   | Total     |
| AA (8xDB9)                   | 1         |
| BI (8xDB9)                   | 2         |
| BI (DB9, DB25)               | 2         |
| BO (8xDB9)                   | 2         |
| BO (DB9, DB25)               | 2         |
| IO Ext Chassis               | 3         |
| AA (2xDB9, 2xDB25)2          | 7         |
| <b>Grand Total</b>           | <b>19</b> |

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| S1101315 |  |
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| <b>HAM2 RACK S1104358</b> |                     |           |
|---------------------------|---------------------|-----------|
| <b>L1-SUS-C4 D1200867</b> | <b>Chassis Type</b> | <b>D#</b> |
| 42                        |                     |           |
| 41                        | Triple top          | D1001242  |
| 40                        | Triple top          | D1001242  |
| 39                        | Triple top          | D1001242  |
| 38                        |                     |           |
| 37                        | Triple top          | D1001242  |
| 36                        | Triple top          | D1001242  |
| 35                        | Triple top          | D1001242  |
| 34                        |                     |           |
| 33                        | AA (8xDB9)          | D0902783  |
| 32                        | AA (8xDB9)          | D0902783  |
| 31                        |                     |           |
| 30                        | AI (4xDB9)          | D1000305  |
| 29                        | AI (4xDB9)          | D1000305  |
| 28                        |                     |           |
| 27                        | Triple Acq          | D090006   |
| 26                        | Triple Acq          | D090006   |
| 25                        | Triple Acq          | D090006   |
| 24                        | Triple Acq          | D090006   |
| 23                        |                     |           |
| 22                        | AI (4xDB9)          | D1000305  |
| 21                        | AI (4xDB9)          | D1000305  |
| 20                        |                     |           |
| 19                        | Triple Acq          | D090006   |
| 18                        | Triple Acq          | D090006   |
| 17                        | Triple Acq          | D090006   |
| 16                        | Triple Acq          | D090006   |
| 15                        |                     |           |
| 14                        | HAM-A Coil Driver   | D1100687  |
| 13                        | HAM-A Coil Driver   | D1100687  |
| 12                        |                     |           |
| 11                        | AA (8xDB9)          | D0902783  |
| 10                        | AI (4xDB9)          | D1000305  |
| 9                         |                     |           |
| 8                         | HAM-A Coil Driver   | D1100687  |
| 7                         | HAM-A Coil Driver   | D1100687  |

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| <b>S#</b> | <b>Notes:</b> |
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| S1000253  |               |
| S1000261  |               |
| S1000262  |               |
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| S1000257  |               |
| S1000726  |               |
| S1000723  |               |
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| S1100332  |               |
| S1100333  |               |
|           |               |
| S1105313  |               |
| S1001200  |               |
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| S1001112  |               |
| S1000352  |               |
| S1000353  |               |
| S1000354  |               |
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| S1104363  |               |
| S1101806  |               |
|           |               |
| S1001103  | PRM M2        |
| S1001191  | PRM M3        |
| S1001192  |               |
| S1001193  |               |
|           |               |
| S1200590  | IM1           |
| S1200585  | IM4           |
|           |               |
| S1200818  |               |
| S1101807  |               |
|           |               |
| S1200589  | IM2           |
| S1200591  | IM3           |

| <b>Count of Chassis Type</b> |           |
|------------------------------|-----------|
| Row Labels                   | Total     |
| AA (8xDB9)                   | 3         |
| AI (4xDB9)                   | 5         |
| HAM-A Coil Driver            | 4         |
| Triple Acq                   | 8         |
| Triple top                   | 6         |
| <b>Grand Total</b>           | <b>26</b> |

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| <b>ITM &amp; BS RACK</b><br><b>S1105375 L1-SUS-C5</b><br><b>D1200874</b> | <b>Chassis Type</b> | <b>D#</b> |
|--|---------------------|-----------|
| 42   |                     |           |
| 41   | Quad Top Driver     | D1001242  |
| 40   | Quad Top Driver     | D1001242  |
| 39   | Quad Top Driver     | D1001242  |
| 38   |                     |           |
| 37   | Quad Top Driver     | D1001242  |
| 36   | Quad Top Driver     | D1001242  |
| 35   | Quad Top Driver     | D1001242  |
| 34   |                     |           |
| 33   | UIM Driver          | D0902668  |
| 32   | UIM Driver          | D0902668  |
| 31   | PUM Driver          | D1100303  |
| 30   | PUM Driver          | D1100303  |
| 29   |                     |           |
| 28   | Triple top          | D1001242  |
| 27   | Triple top          | D1001242  |
| 26   | Triple Acq          | D090006   |
| 25   |                     |           |
| 24   | IO Ext Chassis      | D1001715  |
| 23   |                     |           |
| 22   |                     |           |
| 21   |                     |           |
| 20   |                     |           |
| 19   |                     |           |
| 18   |                     |           |
| 17   |                     |           |
| 16   |                     |           |
| 15   |                     |           |
| 14   | IO Ext Chassis      | D1001715  |
| 13   |                     |           |
| 12   |                     |           |
| 11   |                     |           |
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| <b>S#</b> | <b>NOTES</b> |
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| S1000435  |              |
| S1000380  |              |
| S1000372  |              |
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| S1000377  |              |
| S1000379  |              |
| S1000370  |              |
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| S0900313  |              |
| S0900311  |              |
| S1101562  |              |
| S1101561  |              |
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| S1000265  |              |
| S1000258  |              |
| S1001110  |              |
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| S1001143  |              |
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| S1103888  |              |
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| <b>Count of Chassis Type</b> |           |
|------------------------------|-----------|
| Row Labels                   | Total     |
| IO Ext Chassis               | 2         |
| PUM Driver                   | 2         |
| Quad Top Driver              | 6         |
| Triple Acq                   | 1         |
| Triple top                   | 2         |
| UIM Driver                   | 2         |
| <b>Grand Total</b>           | <b>15</b> |

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| <b>ITM &amp; BS RACK</b>  |                             |           |
|---------------------------|-----------------------------|-----------|
| <b>S1105376 L1-SUS-C6</b> |                             |           |
| <b>D1200875</b>           |                             |           |
|                           | <b>Chassis Type</b>         | <b>D#</b> |
| 41                        | AA (8xDB9)                  | D0902783  |
| 40                        | AA (8xDB9)                  | D0902783  |
| 39                        |                             |           |
| 38                        | AI (4xDB9)                  | D1000305  |
| 37                        | AI (4xDB9)                  | D1000305  |
| 36                        |                             |           |
| 35                        | AI (4xDB9)                  | D1000305  |
| 34                        |                             |           |
| 33                        | BO (DB9 & DB37)             | D1001270  |
| 32                        | BI (DB9 & DB37)             | D1001269  |
| 31                        | BO (DB9 & DB37)             | D1001270  |
| 30                        | BI (DB9 & DB37)             | D1001269  |
| 29                        | BO (DB9, DB25)              | D1000725  |
| 28                        | BI (DB9, DB25)              | D1000726  |
| 27                        |                             |           |
| 26                        |                             |           |
| 25                        |                             |           |
| 24                        |                             |           |
| 23                        | AI (2 x DB15, 1 x DB9)      | D1100815  |
| 22                        |                             |           |
| 21                        |                             |           |
| 20                        |                             |           |
| 19                        | AA (2xDB9, 2xDB25)          | D1000721  |
| 18                        | AA (2xDB9, 2xDB25)          | D1000721  |
| 17                        |                             |           |
| 16                        | AA (2xDB9, 2xDB25)          | D1000721  |
| 15                        | AA (2xDB9, 2xDB25)          | D1000721  |
| 14                        |                             |           |
| 13                        | AA (2xDB9, 2xDB25)          | D1000721  |
| 12                        | AA (2xDB9, 2xDB25)          | D1000721  |
| 11                        |                             |           |
| 10                        | AA (2xDB9, 2xDB25)          | D1000721  |
| 9                         |                             |           |
| 8                         | Laser Power Marshal Chassis |           |
| 7                         | AA (2xDB9, 2xDB25)          | D1000721  |

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| <b>S#</b> | <b>Notes:</b> |
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| S1107600  |               |
| S1100330  |               |
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| S1101808  |               |
| S1101809  |               |
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| S1101810  |               |
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| S1101754  |               |
| S1101791  |               |
| S1101751  |               |
| S1101793  |               |
| S1101783  |               |
| S1101803  |               |
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| S1103828  |               |
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| S1107502  |               |
| S1107501  |               |
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| S1107463  |               |
| S1107499  |               |
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| S1107498  |               |
| S1107504  |               |
|           |               |
| S1107497  |               |
|           |               |
|           |               |
| S1201132  |               |

| <b>Count of Chassis Type</b> |           |
|------------------------------|-----------|
| Row Labels                   | Total     |
| AA (8xDB9)                   | 2         |
| AI (2 x DB15, 1 x DB9)       | 1         |
| AI (4xDB9)                   | 3         |
| BI (DB9 & DB37)              | 2         |
| BI (DB9, DB25)               | 1         |
| BO (DB9 & DB37)              | 2         |
| Chassis                      | 1         |
| AA (2xDB9, 2xDB25)           | 8         |
| BO (DB9, DB25)               | 1         |
| <b>Grand Total</b>           | <b>21</b> |

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| <b>HAM5-6 RACK<br/>S1105378 L1-SUS-C7<br/>D1200876</b> | <b>Chassis Type</b> | <b>D#</b>  |
|--|---------------------|------------|
| 42   |                     |            |
| 41   | Triple top          | D1001242   |
| 40   | Triple top          | D1001242   |
| 39   | Triple top          | D1001242   |
| 38   |                     |            |
| 37   | OMC                 | D1100304   |
| 36   | OMC                 | D1,100,304 |
| 35   |                     |            |
| 34   | AA (8xDB9)          | D0902783   |
| 33   | AA (8xDB9)          | D0902783   |
| 32   |                     |            |
| 31   | AI (4xDB9)          | D1000305   |
| 30   | AI (4xDB9)          | D1000305   |
| 29   |                     |            |
| 28   | Triple Acq          | D090006    |
| 27   | Triple Acq          | D090006    |
| 26   | Triple Acq          | D090006    |
| 25   |                     |            |
| 24   | AI (4xDB9)          | D1000305   |
| 23   |                     |            |
| 22   | Triple Acq          | D090006    |
| 21   |                     |            |
| 20   | BO (DB9, DB25)      | D1000725   |
| 19   | BI (DB9, DB25)      | D1000726   |
| 18   | BO (8xDB9)          | D1002593   |
| 17   | BI (8xDB9)          | D1001726   |
| 16   |                     |            |
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| S#       | NOTES  |
|----------|--------|
| S1000255 |        |
| S1000268 |        |
| S1000254 |        |
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| S1101565 |        |
| S1101567 |        |
|          |        |
| S1001149 |        |
| S1100328 |        |
|          |        |
| S1101812 |        |
| S1101813 |        |
|          |        |
| S1001190 |        |
| S1001105 |        |
| S1001186 | SRM M2 |
|          |        |
| S1101814 |        |
|          |        |
| S1001106 |        |
|          |        |
| S1201244 |        |
| S1201497 |        |
| S1101774 |        |
| S1101316 |        |
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| Count of Chassis Type |           |
|-----------------------|-----------|
| Row Labels            | Total     |
| AA (8xDB9)            | 2         |
| AI (4xDB9)            | 3         |
| BI (8xDB9)            | 1         |
| BI (DB9, DB25)        | 1         |
| BO (8xDB9)            | 1         |
| OMC                   | 2         |
| Triple Acq            | 4         |
| Triple top            | 3         |
| BO (DB9, DB25)        | 1         |
| D1000725              | 1         |
| <b>Grand Total</b>    | <b>18</b> |

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| <b>HAM5-6 RACK</b><br><b>S1105378 L1-SUS-C8</b><br><b>D1200877</b> | <b>Chassis Type</b> | <b>D#</b> |
|--|---------------------|-----------|
| 42   |                     |           |
| 41   | AA (2xDB9, 2xDB25)  | D1000721  |
| 40   | AA (2xDB9, 2xDB25)  | D1000721  |
| 39   |                     |           |
| 38   | AA (2xDB9, 2xDB25)  | D1000721  |
| 37   |                     |           |
| 36   | AA (2xDB9, 2xDB25)  | D1000721  |
| 35   | AA (2xDB9, 2xDB25)  | D1000721  |
| 34   |                     |           |
| 33   | IO Ext Chassis      | D1001715  |
| 32   |                     |           |
| 31   |                     |           |
| 30   |                     |           |
| 29   | IO Ext Chassis      | D1001715  |
| 28   |                     |           |
| 27   |                     |           |
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| <b>SUS FIELD RACK</b><br><b>S1200749 L1-SUS-R1</b><br><b>HAM2 D1200879</b> | <b>Chassis Type</b>       | <b>D#</b> |
|--|---------------------------|-----------|
| 42   | Sat Amp                   | D0901284  |
| 41   | Sat Amp                   | D0901284  |
| 40   |                           |           |
| 39   |                           |           |
| 38   | Sat Amp                   | D0901284  |
| 37   | Sat Amp                   | D0901284  |
| 36   | Sat Amp                   | D0901284  |
| 35   | Sat Amp                   | D0901284  |
| 34   |                           |           |
| 33   | Sat Amp                   | D0901284  |
| 32   | Sat Amp                   | D0901284  |
| 31   | Sat Amp                   | D0901284  |
| 30   | Sat Amp                   | D0901284  |
| 29   | Sat Amp                   | D0901284  |
| 28   | Sat Amp                   | D0901284  |
| 27   | Sat Amp                   | D0901284  |
| 26   | Sat Amp                   | D0901284  |
| 25   |                           |           |
| 24   | Sat Amp                   | D0901284  |
| 23   | Sat Amp                   | D0901284  |
| 22   | Sat Amp                   | D0901284  |
| 21   | Sat Amp                   | D0901284  |
| 20   | 8 Channel OPLEV whitening | D1100013  |
| 19   |                           |           |
| 18   |                           |           |
| 17   |                           |           |
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| <b>SUS FIELD RACK</b><br><b>S1200750 L1-SUS-R2</b><br><b>HAM3 / BSC2</b><br><b>D1200880</b> |                           |           |
|---|---------------------------|-----------|
|   | <b>Chassis Type</b>       | <b>D#</b> |
| 42  | Sat Amp                   | D0901284  |
| 41  | Sat Amp                   | D0901284  |
| 40  | Sat Amp                   | D0901284  |
| 39  |                           |           |
| 38  |                           |           |
| 37  | Sat Amp                   | D0901284  |
| 36  | Sat Amp                   | D0901284  |
| 35  | Sat Amp                   | D0901284  |
| 34  | Sat Amp                   | D0901284  |
| 33  |                           |           |
| 32  | Sat Amp                   | D0901284  |
| 31  | Sat Amp                   | D0901284  |
| 30  | Sat Amp                   | D0901284  |
| 29  |                           |           |
| 28  |                           |           |
| 27  | 8 Channel OPLEV whitening | D1100013  |
| 26  |                           |           |
| 25  |                           |           |
| 24  |                           |           |
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| S#       | NOTES    |
|----------|----------|
| S1000324 | BS Top 1 |
| S1000467 | BS Top 2 |
| S1000469 | BS Top 3 |
|          |          |
| S1000339 |          |
| S1000466 |          |
| S1000472 |          |
| S1000471 |          |
|          |          |
| S1000483 |          |
| S1000332 |          |
| S1000458 |          |
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| S1101546 |          |
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| Count of Chassis Type |           |
|-----------------------|-----------|
| Row Labels            | Total     |
| whitening             | 1         |
| Sat Amp               | 10        |
| <b>Grand Total</b>    | <b>11</b> |

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| <b>SUS FIELD RACK</b><br><b>S1202300 L1-SUS-R3</b><br><b>HAM4 D1200883</b> | <b>Chassis Type</b>       | <b>D#</b> |
|--|---------------------------|-----------|
| 42   | Sat Amp                   | D0901284  |
| 41   | Sat Amp                   | D0901284  |
| 40   | Sat Amp                   | D0901284  |
| 39   | Sat Amp                   | D0901284  |
| 38   |                           |           |
| 37   |                           |           |
| 36   |                           |           |
| 35   |                           |           |
| 34   |                           |           |
| 33   |                           |           |
| 32   |                           |           |
| 31   |                           |           |
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| 27   |                           |           |
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| 24   |                           |           |
| 23   |                           |           |
| 22   |                           |           |
| 21   |                           |           |
| 20   |                           |           |
| 19   | 8 Channel OPLEV whitening | D1100013  |
| 18   |                           |           |
| 17   |                           |           |
| 16   |                           |           |
| 15   |                           |           |
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| <b>SUS FIELD RACK</b><br><b>S1202995 L1-SUS-R4</b><br><b>HAM5/6</b> | <b>Chassis Type</b> | <b>D#</b> |
|---|---------------------|-----------|
| 42  | Sat Amp             | D0901284  |
| 41  | Sat Amp             | D0901284  |
| 40  | Sat Amp             | D0901284  |
| 39  | Sat Amp             | D0901284  |
| 38  | Sat Amp             | D0901284  |
| 37  | Sat Amp             | D0901284  |
| 36  | Sat Amp             | D0901284  |
| 35  | Sat Amp             | D0901284  |
| 34  | Sat Amp             | D0901284  |
| 33  |                     |           |
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| <b>SUS FIELD RACK</b><br><b>S1202996 L1-SUS-R5</b><br><b>ITMY</b> | <b>Chassis Type</b>       | <b>D#</b> |
|---|---------------------------|-----------|
| 42  | Sat Amp                   | D0901284  |
| 41  | Sat Amp                   | D0901284  |
| 40  | Sat Amp                   | D0901284  |
| 39  | Sat Amp                   | D0901284  |
| 38  | Sat Amp                   | D0901284  |
| 37  |                           |           |
| 36  |                           |           |
| 35  |                           |           |
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| 23  |                           |           |
| 22  |                           |           |
| 21  |                           |           |
| 20  |                           |           |
| 19  | 8 Channel OPLEV whitening | D1100013  |
| 18  |                           |           |
| 17  |                           |           |
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| <u>SUS FIELD RACK</u><br><u>S1202997 L1-SUS-R6</u><br><u>ITMX</u> | <u>Chassis Type</u>       | <u>D#</u> |
|---|---------------------------|-----------|
| 42  | Sat Amp                   | D0901284  |
| 41  | Sat Amp                   | D0901284  |
| 40  | Sat Amp                   | D0901284  |
| 39  | Sat Amp                   | D0901284  |
| 38  | Sat Amp                   | D0901284  |
| 37  |                           |           |
| 36  |                           |           |
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| 23  |                           |           |
| 22  |                           |           |
| 21  |                           |           |
| 20  |                           |           |
| 19  | 8 Channel OPLEV whitening | D1100013  |
| 18  |                           |           |
| 17  |                           |           |
| 16  |                           |           |
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| 14  |                           |           |
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| <b>ETMX RACK S1202946</b>  |                        |           |
|----------------------------|------------------------|-----------|
| <b>L1-SUS-XC1 D1201082</b> | <b>Chassis Type</b>    | <b>D#</b> |
| 42                         |                        |           |
| 41                         | Quad Top Driver        | D1001242  |
| 40                         | Quad Top Driver        | D1001242  |
| 39                         | Quad Top Driver        | D1001242  |
| 38                         |                        |           |
| 37                         | TM Top Driver          | D1100301  |
| 36                         | TM Top Driver          | D1100301  |
| 35                         |                        |           |
| 34                         | AA (8xDB9)             | D0902783  |
| 33                         |                        |           |
| 32                         | AI (4xDB9)             | D1000305  |
| 31                         | AI (4xDB9)             | D1000305  |
| 30                         |                        |           |
| 29                         | UIM Driver             | D0902668  |
| 28                         | PUM Driver             | D1100303  |
| 27                         |                        |           |
| 26                         | AI (2 x DB15, 1 x DB9) | D1100815  |
| 25                         | AA (2xDB15, 5xDB9)     | D1100809  |
| 24                         |                        |           |
| 23                         |                        |           |
| 22                         |                        |           |
| 21                         |                        |           |
| 20                         |                        |           |
| 19                         | BO (DB9 & DB37)        | D1001270  |
| 18                         | BI (DB9 & DB37)        | D1001269  |
| 17                         | BO (8xDB9)             | D1002593  |
| 16                         | BI (8xDB9)             | D1001726  |
| 15                         |                        |           |
| 14                         |                        |           |
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| <b>ETMX RACK S1202947</b>  |                     |           |
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| <b>L1-SUS-XC2 D1201083</b> |                     | <b>D#</b> |
|                            | <b>Chassis Type</b> |           |
| 42                         |                     |           |
| 41                         | AA (2xDB9, 2xDB25)  | D1000721  |
| 40                         | AA (2xDB9, 2xDB25)  | D1000721  |
| 39                         |                     |           |
| 38                         |                     |           |
| 37                         | AA (2xDB9, 2xDB25)  | D1000721  |
| 36                         | AA (2xDB9, 2xDB25)  | D1000721  |
| 35                         |                     |           |
| 34                         |                     |           |
| 33                         | IO Ext Chassis      | D1001715  |
| 32                         |                     |           |
| 31                         |                     |           |
| 30                         |                     |           |
| 29                         | IO Ext Chassis      | D1001715  |
| 28                         |                     |           |
| 27                         |                     |           |
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| <b>SUS FIELD RACK</b><br><b>S1202993 L1-SUS-XR1</b> | <b>Chassis Type</b> | <b>D#</b> |
|---|---------------------|-----------|
| 42  | Sat Amp             | D0901284  |
| 41  | Sat Amp             | D0901284  |
| 40  | Sat Amp             | D0901284  |
| 39  | Sat Amp             | D0901284  |
| 38  | Sat Amp             | D0901284  |
| 37  | Sat Amp             | D0901284  |
| 36  | Sat Amp             | D0901284  |
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| <b>ETMX RACK S1202953</b>  |                        |           |
|----------------------------|------------------------|-----------|
| <b>L1-SUS-YC1 D1201089</b> | <b>Chassis Type</b>    | <b>D#</b> |
| 42                         |                        |           |
| 41                         | Quad Top Driver        | D1001242  |
| 40                         | Quad Top Driver        | D1001242  |
| 39                         | Quad Top Driver        | D1001242  |
| 38                         |                        |           |
| 37                         | TM Top Driver          | D1100301  |
| 36                         | TM Top Driver          | D1100301  |
| 35                         |                        |           |
| 34                         | AA (8xDB9)             | D0902783  |
| 33                         |                        |           |
| 32                         | AI (4xDB9)             | D1000305  |
| 31                         | AI (4xDB9)             | D1000305  |
| 30                         |                        |           |
| 29                         | UIM Driver             | D0902668  |
| 28                         | PUM Driver             | D1100303  |
| 27                         |                        |           |
| 26                         | AI (2 x DB15, 1 x DB9) | D1100815  |
| 25                         | AA (2xDB15, 5xDB9)     | D1100809  |
| 24                         |                        |           |
| 23                         |                        |           |
| 22                         |                        |           |
| 21                         |                        |           |
| 20                         |                        |           |
| 19                         | BO (DB9 & DB37)        | D1001270  |
| 18                         | BI (DB9 & DB37)        | D1001269  |
| 17                         | BO (8xDB9)             | D1002593  |
| 16                         | BI (8xDB9)             | D1001726  |
| 15                         |                        |           |
| 14                         |                        |           |
| 13                         |                        |           |
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| <b>ETMX RACK S1202954</b> |                     |           |
|---------------------------|---------------------|-----------|
| <b>L1-SUS-YC2</b>         | <b>Chassis Type</b> | <b>D#</b> |
| 42                        |                     |           |
| 41                        | AA (2xDB9, 2xDB25)  | D1000721  |
| 40                        | AA (2xDB9, 2xDB25)  | D1000721  |
| 39                        |                     |           |
| 38                        |                     |           |
| 37                        | AA (2xDB9, 2xDB25)  | D1000721  |
| 36                        | AA (2xDB9, 2xDB25)  | D1000721  |
| 35                        |                     |           |
| 34                        |                     |           |
| 33                        | IO Ext Chassis      | D1001715  |
| 32                        |                     |           |
| 31                        |                     |           |
| 30                        |                     |           |
| 29                        |                     |           |
| 28                        | IO Ext Chassis      | D1001715  |
| 27                        |                     |           |
| 26                        |                     |           |
| 25                        |                     |           |
| 24                        |                     |           |
| 23                        |                     |           |
| 22                        |                     |           |
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| <b>SUS FIELD RACK</b><br><b>S1202994 L1-SUS-YR1</b> | <b>Chassis Type</b> | <b>D#</b> |
|---|---------------------|-----------|
| 42  | Sat Amp             | D0901284  |
| 41  | Sat Amp             | D0901284  |
| 40  | Sat Amp             | D0901284  |
| 39  | Sat Amp             | D0901284  |
| 38  | Sat Amp             | D0901284  |
| 37  | Sat Amp             | D0901284  |
| 36  | Sat Amp             | D0901284  |
| 35  |                     |           |
| 34  |                     |           |
| 33  |                     |           |
| 32  |                     |           |
| 31  |                     |           |
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| <u>Quad Test Rack</u><br><u>S1105361 X1-</u><br><u>LLOSUS1</u> | <u>Chassis Type</u> | <u>D#</u> |
|--|---------------------|-----------|
| 42   |                     |           |
| 41   |                     |           |
| 40   |                     |           |
| 39   | PP Quad Top Driver  | D070482   |
| 38   |                     |           |
| 37   | PP Quad Top Driver  | D070482   |
| 36   | PP Quad Top Driver  | D070482   |
| 35   | AI                  |           |
| 34   |                     |           |
| 33   |                     |           |
| 32   |                     |           |
| 31   | PP UIM Coil Driver  | D0902668  |
| 30   | PP PUM Coil Driver  | D1100303  |
| 29   |                     |           |
| 28   | AI                  |           |
| 27   | AA                  |           |
| 26   | Sat Amp             | D0900900  |
| 25   | Sat Amp             | D0900900  |
| 24   | Sat Amp             | D0900900  |
| 23   | Sat Amp             | D0900900  |
| 22   |                     |           |
| 21   |                     |           |
| 20   |                     |           |
| 19   |                     |           |
| 18   | IO Ext Chassis      | D1001715  |
| 17   |                     |           |
| 16   |                     |           |
| 15   |                     |           |
| 14   |                     |           |
| 13   | llosus1-work        |           |
| 12   |                     |           |
| 11   | llosus1             |           |
| 10   |                     |           |
| 9  |                     |           |
| 8  |                     |           |
| 7  |                     |           |
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| Type               |           |
|--------------------|-----------|
| Row Labels         | Total     |
| AA                 | 1         |
| AI                 | 2         |
| IO Ext Chassis     | 1         |
| PP PUM Coil Driver | 1         |
| PP Quad Top Driver | 3         |
| PP UIM Coil Driver | 1         |
| Sat Amp            | 4         |
| <b>Grand Total</b> | <b>13</b> |





| <u>Triple Test Rack</u><br><u>S1106460 X1-</u><br><u>LLOSUS3</u> | <u>Chassis Type</u> | <u>D#</u> |
|--|---------------------|-----------|
| 42   |                     |           |
| 41   | Triple top          | D1001242  |
| 40   | Triple top          | D1001242  |
| 39   |                     |           |
| 38   | AA (8xDB9)          | D0902783  |
| 37   | AI (4xDB9)          | D1000305  |
| 36   |                     |           |
| 35   | Triple Acq          | D090006   |
| 34   | Triple Acq          | D090006   |
| 33   |                     |           |
| 32   | BO (DB9, DB25)      | D1000725  |
| 31   | BI (DB9, DB25)      | D1000726  |
| 30   |                     |           |
| 29   | IO Ext Chassis      | D1001715  |
| 28   |                     |           |
| 27   | Sat Amps            | D0900900  |
| 26   | Sat Amps            | D0900900  |
| 25   | Sat Amps            | D0900900  |
| 24   | Sat Amps            | D0900900  |
| 23   |                     |           |
| 22   |                     |           |
| 21   |                     |           |
| 20   |                     |           |
| 19   |                     |           |
| 18   |                     |           |
| 17   |                     |           |
| 16   |                     |           |
| 15   |                     |           |
| 14   |                     |           |
| 13   | llosus3-work        |           |
| 12   |                     |           |
| 11   | llosus3             |           |
| 10   |                     |           |
| 9  |                     |           |
| 8  |                     |           |
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| <u>S#</u> | <u>NOTES</u>          |
|-----------|-----------------------|
|           |                       |
| S1000724  | tested                |
| S1000727  | tested                |
|           |                       |
| S1100329  |                       |
| S1105296  |                       |
|           |                       |
| S1001111  | tested                |
| S1001114  | tested                |
|           |                       |
| S1104819  |                       |
| S1104459  |                       |
|           |                       |
| S1106560  |                       |
|           |                       |
| S1000325  | tested                |
| S1000329  | tested                |
| S1000334  | tested                |
| S1000861  | tested                |
|           |                       |
|           |                       |
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|           |                       |
|           | Work station computer |
|           |                       |
|           | Front End computer    |
|           |                       |
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| <u>Triple Test Rack</u><br><u>S1107896 X1-</u><br><u>LLOSUS4</u> | <u>Chassis Type</u>                               | <u>D#</u> |
|--|---|-----------|
| 42   |   |           |
| 41   | Triple top  | D1001242  |
| 40   | Triple top  | D1001242  |
| 39   |   |           |
| 38   | AA (8xDB9)  | D0902783  |
| 37   | AI (4xDB9)  | D1000305  |
| 36   |   |           |
| 35   | Triple Acq  | D090006   |
| 34   | Triple Acq  | D090006   |
| 33   |   |           |
| 32   | BO (DB9, DB25)                                    | D1000725  |
| 31   | BI (DB9, DB25)                                    | D1000726  |
| 30   |   |           |
| 29   |   |           |
| 28   |   |           |
| 27   | Sat Amps  | D0900900  |
| 26   | Sat Amps  | D0900900  |
| 25   | Sat Amps  | D0900900  |
| 24   | Sat Amps  | D0900900  |
| 23   |   |           |
| 22   |   |           |
| 21   | The Test Rack has been decomised and the CDS part |           |
| 20   |   |           |
| 19   |   |           |
| 18   |   |           |
| 17   |   |           |
| 16   |   |           |
| 15   | IO Ext Chassis                                    | D1001715  |
| 14   |   |           |
| 13   | llosus3-work                                      |           |
| 12   |   |           |
| 11   | llosus3   |           |
| 10   |   |           |
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| <b>HAMAUX TEST<br/>RACK<br/>S1107538 X1-<br/>LLOSUS2</b> | <b><u>Chassis Type</u></b> | <b><u>D#</u></b> | <b><u>S#</u></b> |
|--|----------------------------|------------------|------------------|
| 42   |                            |                  |                  |
| 41   |                            |                  |                  |
| 40   | HAM-A                      | D1100687         | S1106049         |
| 39   | 8 Channel Sat Amp          | D1002818         | S1200170         |
| 38   |                            |                  |                  |
| 37   | AA 8xDB9                   | D0902783         | S1102778         |
| 36   |                            |                  |                  |
| 35   | AI 4xDB9                   | D070081          | S1102758         |
| 34   |                            |                  |                  |
| 33   |                            |                  |                  |
| 32   |                            |                  |                  |
| 31   | 8 CH SA                    | D080276          | SN 101           |
| 30   | AA                         | D1100809         | S1104074         |
| 29   | 8 CH CD                    | D060278          | S1103446         |
| 28   |                            |                  |                  |
| 27   |                            |                  |                  |
| 26   |                            |                  |                  |
| 25   |                            |                  |                  |
| 24   |                            |                  |                  |
| 23   | IO Ext Chassis             | D1001715         | S#?              |
| 22   |                            |                  |                  |
| 21   |                            |                  |                  |
| 20   |                            |                  |                  |
| 19   |                            |                  |                  |
| 18   |                            |                  |                  |
| 17   |                            |                  |                  |
| 16   |                            |                  |                  |
| 15   |                            |                  |                  |
| 14   |                            |                  |                  |
| 13   | llosus3-work               |                  |                  |
| 12   |                            |                  |                  |
| 11   | llosus3                    |                  |                  |
| 10   |                            |                  |                  |
| 9  |                            |                  |                  |
| 8  |                            |                  |                  |



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**NOTES**

| Count of Chassis Type |          |
|-----------------------|----------|
| Row Labels            | Total    |
| 8 CH CD               | 1        |
| 8 CH SA               | 1        |
| 8 Channel Sat Amp     | 1        |
| AA                    | 1        |
| AA 8xDB9              | 1        |
| AI 4xDB9              | 1        |
| HAM-A                 | 1        |
| IO Ext Chassis        | 1        |
| <b>Grand Total</b>    | <b>8</b> |

Work station computer

Front End computer



| Chassis Type                      | D#       | Spare Count:             | S#       | Inventory Verification 3 May 2013 |
|-----------------------------------|----------|--------------------------|----------|-----------------------------------|
| <b>Not installed electronics:</b> |          |                          |          |                                   |
| <b>TRIPLE TOPS</b>                |          |                          |          |                                   |
| TTOP                              | D1001242 | 5 SPARES, including test | S1000256 | x                                 |
| TTOP                              | D1001242 |                          | S1000263 | x                                 |
| TTOP                              | D1001242 |                          | S1000725 | x                                 |
| TTOP                              | D1001242 |                          | S1000259 | x                                 |
| Triple top                        | D1001242 |                          | S1000724 | x                                 |
| Triple top                        | D1001242 |                          | S1000727 | x                                 |
|                                   |          |                          |          |                                   |
| <b>TACQ's</b>                     |          |                          |          |                                   |
| TACQ                              | D090006  | 5 SPARES, including test | S1001107 | x                                 |
| TACQ                              | D090006  |                          | S1001108 | x                                 |
| TACQ                              | D090006  |                          | S1001109 | x                                 |
| TACQ                              | D090006  |                          | S1001113 | x                                 |
| TACQ                              | D090006  |                          | S1001189 | x                                 |
| TACQ                              | D090006  |                          | S1000351 | x                                 |
| Triple Acq                        | D090006  |                          | S1001114 | x                                 |
| Triple Acq                        | D090006  |                          | S1001111 | x                                 |
|                                   |          |                          |          |                                   |
| <b>QUAD TOP</b>                   |          |                          |          |                                   |
| QUAD TOP                          | D1001782 | 5 SPARES                 | S1000376 |                                   |
| QUAD TOP                          | D1001782 |                          | S1000378 | x                                 |
| QUAD TOP                          | D1001782 |                          | S1000369 | x                                 |
| QUAD TOP                          | D1001782 |                          | S1000374 | x                                 |
| QUAD TOP                          | D1001782 |                          | S1000436 | x                                 |
|                                   |          |                          |          |                                   |
| <b>UIM DRIVER</b>                 |          |                          |          |                                   |
| UIM                               | D0902668 | 1 spare                  | S0900312 | x                                 |
|                                   |          |                          |          |                                   |
| <b>PUM DRIVER</b>                 |          |                          |          |                                   |
| PUM                               | D1100303 | 3 SPARES                 | S1200471 | x                                 |
| PUM                               | D1100303 |                          | S1200470 | x                                 |
| PUM                               | D1100303 |                          | S1200472 | x                                 |
|                                   |          |                          |          |                                   |
| <b>OMC</b>                        |          |                          |          |                                   |
| OMC                               | D1100304 | 1 spare                  | S1101566 | x                                 |
|                                   |          |                          |          |                                   |
| <b>TM</b>                         |          |                          |          |                                   |

|                                     |             |                               |          |   |
|-------------------------------------|-------------|-------------------------------|----------|---|
| TM                                  | D1100301    | 1 spare                       | S1101560 | x |
|                                     |             |                               |          |   |
| <b>ELECTRONICS FOR SUS INSTALL:</b> |             |                               |          |   |
| AI 4xDB9                            | D1000305    | 3 spares, including test rack | S1001199 | x |
| AI 4xDB9                            | D1000305    |                               | S1101811 | x |
| AI (4xDB9)                          | D1000305    |                               | S1105296 | x |
| AI DB9;DB15                         | D1100815    | 1 spare                       | S1103826 | x |
|                                     |             |                               |          |   |
| AA 2xDB15;5xDB9                     | D1100809    | 2 spares                      | S1104074 |   |
| AA 2xDB15;5xDB9                     | D1100809    |                               | S1104073 |   |
| AA 2xDB9; 2xDB25                    | D1000721    | 1 spare                       | S1200932 | x |
| AA (8xDB9)                          | D0902783    | 2 spares, including test rack | S1100331 | x |
| AA (8xDB9)                          | D0902783    |                               | S1100329 | x |
|                                     |             |                               |          |   |
| BI 8xDB9                            | D1001726    | 1 spare                       | S1103895 | x |
| BO 8xDB9                            | D1002593    | 1 spare                       | S1103223 | x |
|                                     |             |                               |          |   |
| BI (DB9, DB25)                      | D1000726    | 1 spare, including test rack  | S1104459 | x |
| BO (DB9, DB25)                      | D1000725    | 1 spare, including test rack  | S1104819 | x |
|                                     |             |                               |          |   |
| Op lev AA                           | D1101308_V2 |                               | S1201347 | x |
| Op lev AA                           | D1101308_V2 |                               | S1201346 | x |
| Op lev AA                           | D1101308    |                               | S1200583 | x |
|                                     |             |                               |          |   |
| <b>SAT AMPS</b>                     |             |                               |          |   |
| UK Sat Amps                         | D0901284    |                               | S1000341 |   |
| UK Sat Amps                         | D0901284    | y                             | S1000850 |   |
| UK Sat Amps                         | D0901284    | Pre-Production y              | S0900017 |   |
| UK Sat Amps                         | D0901284    | Pre-Production y              | S0900020 |   |
| UK Sat Amps                         | D0901284    | Pre-Production y              | S0900019 |   |
| UK Sat Amps                         | D0901284    | Pre-Production y              | S1103816 |   |
| UK Sat Amps                         | D0901284    | Pre-Production y              | S1200582 |   |
|                                     | Total       |                               |          | 9 |

| <b>tested?</b> | <b>Testing Notes:</b>       |
|----------------|-----------------------------|
|                |                             |
|                |                             |
| NO             | repair needed               |
| NO             | repair needed               |
| NO             | repair needed               |
| NO             | repair needed               |
| YES            | Installed in Ilosus3        |
| YES            | Installed in Ilosus3        |
|                |                             |
|                |                             |
| NO             |                             |
| NO             |                             |
| NO             |                             |
| NO             |                             |
| YES            | Stored in C1                |
| repair needed  | repair needed               |
| YES            | Installed in Ilosus3        |
| YES            | Installed in Ilosus3        |
|                |                             |
|                |                             |
| YES            | Sent to MIT for Jeff Kissel |
| NO             |                             |
| NO             |                             |
| NO             |                             |
| NO             |                             |
|                |                             |
|                |                             |
| NO             |                             |
|                |                             |
|                |                             |
| NO             |                             |
|                |                             |
|                |                             |







