

|  | Scaled staff alloc |       |       | Mech  |        |        |        |       |       | Elec  |        |        |        |       |       | Soft  |        |        |        |       |       |      |      |
|--|--------------------|-------|-------|-------|--------|--------|--------|-------|-------|-------|--------|--------|--------|-------|-------|-------|--------|--------|--------|-------|-------|------|------|
|  | Mech               | Elec  | Soft  | 6 mon | 12 mon | 12 mon | 12 mon | 6 mon | Total | 6 mon | 12 mon | 12 mon | 12 mon | 6 mon | Total | 6 mon | 12 mon | 12 mon | 12 mon | 6 mon | Total |      |      |
|  |                    |       |       | 17/18 | 18/19  | 19/20  | 20/21  | 21/22 |       | 17/18 | 18/19  | 19/20  | 20/21  | 21/22 |       | 17/18 | 18/19  | 19/20  | 20/21  | 21/22 |       |      |      |
| ISOL-SRS Construction Project  | Edi/Liv            | 1.46  | 2.87  | 0.44  | 0.49   | 0.97   |        |       |       | 1.46  | 0.96   | 1.91   |        |       | 2.87  | 0.15  | 0.29   |        |        |       | 0.44  |      |      |
| ALICE-ITS Construction Project   | Liv/DL             | 0.16  | 0.45  | 0.00  | 0.04   | 0.07   | 0.05   |       |       | 0.16  | 0.10   | 0.20   | 0.15   |       | 0.45  | 0.00  | 0.00   | 0.00   |        |       | 0.00  |      |      |
| ELI-NP   | York               | 0.23  | 0.28  | 0.22  |        |        | 0.09   | 0.09  | 0.05  | 0.23  |        |        | 0.11   | 0.11  | 0.06  |       |        | 0.09   | 0.08   | 0.04  | 0.22  |      |      |
| PARIS  |                    | 0.00  | 0.00  | 0.00  |        |        |        |       |       | 0.00  |        |        |        |       |       |       |        |        |        |       | 0.00  |      |      |
| AGATA SOI  | Liv/DL             | 1.80  | 1.20  | 1.31  |        |        |        |       |       | 1.80  |        |        | 0.48   | 0.48  | 0.24  |       |        |        | 0.53   | 0.53  | 0.26  | 1.31 |      |
| Other new projects   |                    | 0.45  | 1.20  | 0.44  |        |        |        |       |       | 0.45  |        |        | 0.48   | 0.48  | 0.24  |       |        |        | 0.18   | 0.18  | 0.09  | 0.44 |      |
| Theme 7: Cross community   | Lvpl/DL/Derby      | 0.31  | 0.28  | 0.30  |        |        |        |       |       | 0.00  | 0.03   | 0.07   | 0.07   | 0.07  | 0.03  |       |        | 0.08   | 0.08   | 0.08  | 0.04  | 0.30 |      |
| Theme 8: Supporting the UK Nuclear Physics Programme   |                    |       |       |       |        |        |        |       |       |       |        |        |        |       |       |       |        |        |        |       |       | 0.00 |      |
| A. Theme 8: AGATA  | Lvpl/DL/Derby      | 0.96  | 0.72  | 0.45  |        |        |        |       |       | 0.96  | 0.09   | 0.18   | 0.18   | 0.18  | 0.09  |       |        | 0.06   | 0.11   | 0.11  | 0.11  | 0.06 | 0.45 |
| B. Theme 8: NUSTAR R3B   | Lvpl/DL/Derby      | 0.12  | 0.40  | 0.48  |        |        |        |       |       | 0.12  | 0.05   | 0.10   | 0.10   | 0.10  | 0.05  |       |        | 0.06   | 0.12   | 0.12  | 0.12  | 0.06 | 0.48 |
| C. Theme 8: NUSTAR HISPEC  | Lvpl/DL/Derby      | 0.32  | 0.43  | 0.15  |        |        |        |       |       | 0.32  | 0.05   | 0.11   | 0.11   | 0.11  | 0.05  |       |        | 0.02   | 0.04   | 0.04  | 0.04  | 0.02 | 0.15 |
| D. Theme 8: NUSTAR DESPEC (FATIMA)   | Lvpl/DL/Derby      | 0.32  | 0.58  | 0.30  |        |        |        |       |       | 0.32  | 0.07   | 0.14   | 0.14   | 0.14  | 0.07  |       |        | 0.04   | 0.08   | 0.08  | 0.08  | 0.04 | 0.30 |
| E. Theme 8: NUSTAR DESPEC (AIDA)   | Lvpl/DL/Derby      | 1.10  | 1.60  | 1.00  |        |        |        |       |       | 1.10  | 0.20   | 0.40   | 0.40   | 0.40  | 0.20  |       |        | 0.13   | 0.25   | 0.25  | 0.25  | 0.13 | 1.00 |
| G. Theme 8: ISOL-SRS post project  | Lvpl/DL/Derby      | 0.20  | 0.60  | 0.20  |        |        |        |       |       | 0.20  |        |        | 0.24   | 0.24  | 0.12  |       |        |        | 0.08   | 0.08  | 0.04  | 0.20 |      |
| H. Theme 8: MINIBALL DAQ Upgrade   | Lvpl/DL/Derby      | 0.00  | 0.50  | 0.95  |        |        |        |       |       | 0.00  |        | 0.50   |        |       |       |       |        |        | 0.50   | 0.18  | 0.18  | 0.09 | 0.95 |
| I. Theme 8: Applied  | Lvpl/DL/Derby      | 0.62  | 0.69  | 0.75  |        |        |        |       |       | 0.62  | 0.09   | 0.17   | 0.17   | 0.17  | 0.09  |       |        | 0.09   | 0.19   | 0.19  | 0.19  | 0.09 | 0.75 |
| J. Theme 8: MIDAS Generic Themes   | Lvpl/DL/Derby      | 0.00  | 0.00  | 0.60  |        |        |        |       |       | 0.00  |        |        |        |       |       |       |        | 0.08   | 0.15   | 0.15  | 0.15  | 0.08 | 0.60 |
| Nuclear Astrophysics - See ST17 (AIDA)   | Edinburgh          | 0.00  | 0.00  | 0.00  |        |        |        |       |       | 0.00  |        |        |        |       |       |       |        |        |        |       |       | 0.00 |      |
| Theme 2: Collective Behaviour of Nuclei: octupole shapes   | Lvpl/DL/Derby      | 0.00  | 0.40  | 0.40  |        |        |        |       |       | 0.00  | 0.05   | 0.10   | 0.10   | 0.10  | 0.05  |       |        | 0.05   | 0.10   | 0.10  | 0.10  | 0.05 | 0.40 |
| Theme 4: Nuclei at extremes of isospin using laser spectroscopy                                  | Manchester         | 1.96  | 0.00  | 0.00  |        |        |        |       |       | 1.96  |        |        |        |       |       |       |        |        |        |       |       | 0.00 |      |
| Theme 4: Exploring the Limits of Nuclear Existence for Heavy Proton-Rich Nuclei                  | Lvpl/DL/Derby      | 0.48  | 0.58  | 0.30  |        |        |        |       |       | 0.48  | 0.10   | 0.14   | 0.14   | 0.14  | 0.06  |       |        | 0.03   | 0.08   | 0.08  | 0.08  | 0.03 | 0.30 |
| Theme 4: Structure of Super Heavy Nuclei   | Lvpl/DL/Derby      | 0.58  | 1.15  | 1.01  |        |        |        |       |       | 0.58  | 0.15   | 0.10   | 0.40   | 0.35  | 0.15  |       |        | 0.11   | 0.26   | 0.26  | 0.26  | 0.12 | 1.01 |
| Theme 2: Single-particle structure and transfer reactions  | Manchester         | 0.56  | 0.14  | 0.23  |        |        |        |       |       | 0.56  | 0.14   |        |        |       |       |       |        | 0.11   | 0.11   |       |       | 0.23 |      |
| Theme 1: Shape Evolution and Shell Persistence in Heavy Nuclei                                   | Surrey/Brighton    | 0.00  | 0.72  | 0.60  |        |        |        |       |       | 0.00  |        |        | 0.36   | 0.36  | 0.72  |       |        |        |        | 0.30  | 0.30  | 0.60 |      |
| Theme 2: Exotic Nuclei and Astrophysics  | Surrey/Brighton    | 0.00  | 0.14  | 0.15  |        |        |        |       |       | 0.00  | 0.02   | 0.04   | 0.03   | 0.03  | 0.02  |       |        | 0.02   | 0.04   | 0.04  | 0.03  | 0.02 | 0.15 |
| Theme 3: The neutron-proton degree of freedom  | York               | 0.28  | 0.24  | 0.13  |        |        |        |       |       | 0.28  | 0.12   | 0.12   |        |       | 0.24  |       |        | 0.07   | 0.06   |       |       | 0.13 |      |
| Theme 3: The neutron-proton degree of freedom  | York               | 0.54  | 0.72  | 0.00  |        |        |        |       |       | 0.54  |        |        |        |       | 0.72  |       |        |        |        |       |       | 0.00 |      |
| Theme 1: Shell Structure and Deformation at Ultrahigh Spin in Nuclei and Extremes of Deformation | Lvpl/DL/Derby      | 0.00  | 0.00  | 0.17  |        |        |        |       |       | 0.00  |        |        | 0.42   | 0.30  |       |       |        | 0.02   | 0.05   | 0.04  | 0.04  | 0.02 | 0.17 |
| Theme 5: Ground and Isomeric State Properties from High Resolution Spectroscopy                  | Lvpl/DL/Derby      | 0.06  | 0.00  | 0.00  |        |        |        |       |       | 0.06  |        |        |        |       | 0.00  |       |        |        |        |       |       | 0.00 |      |
| Theme 6: Photo Response of Nuclei  | Lvpl/DL/Derby      | 0.00  | 0.00  | 0.00  |        |        |        |       |       | 0.00  |        |        |        |       | 0.00  |       |        |        |        |       |       | 0.00 |      |
| Theme 9: QCD Matter  | Lvpl/DL/Derby      | 0.34  | 0.62  | 0.42  |        |        |        |       |       | 0.34  |        |        |        |       | 0.62  |       |        |        |        | 0.06  | 0.24  | 0.12 | 0.42 |
| Theme 3: Understanding how particle emission is affected by shape and how shape evolves...       | Manchester         | 0.43  | 0.00  | 0.00  |        |        |        |       |       | 0.43  |        | 0.02   | 0.18   | 0.20  | 0.03  |       |        |        |        |       |       | 0.00 |      |
| Theme 1: Nuclear structure at the extremes: studies of neutron rich nuclei                       | York               | 0.37  | 0.00  | 0.00  |        |        |        |       |       | 0.37  |        |        |        |       | 0.00  |       |        |        |        |       |       | 0.00 |      |
| Theme 2: Nuclear structure at the extremes: studies of neutron rich nuclei                       | York               | 0.06  | 0.20  | 0.24  |        |        |        |       |       | 0.06  | 0.20   |        |        |       | 0.20  |       |        | 0.24   |        |       |       | 0.24 |      |
| Theme 2: Experimental and theoretical studies in nuclear astrophysics                            | York               | 0.31  | 0.00  | 0.12  |        |        |        |       |       | 0.31  |        |        | 0.10   | 0.18  | 0.03  |       |        | 0.02   | 0.03   | 0.03  | 0.03  | 0.02 | 0.12 |
| Theme 5: Fission dynamics and nuclear astrophysics measurements at CERN-nTOF                     | Manchester         | 0.00  | 0.00  | 0.00  |        |        |        |       |       | 0.00  |        |        |        |       | 0.00  |       |        |        |        |       |       | 0.00 |      |
| TIARA fwd det mounts Theme 2   | Surrey/Brighton    | 0.12  | 0.00  | 0.00  |        |        |        |       |       | 0.12  |        |        | 0.12   |       | 0.00  |       |        |        |        |       |       | 0.00 |      |
| TIARA@SPES supports theme 2  | Surrey/Brighton    | 0.20  | 0.00  | 0.00  |        |        |        |       |       | 0.20  |        |        | 0.20   |       | 0.00  |       |        |        |        |       |       | 0.00 |      |
| Request by Zsolt Podolyak (for Jose Tain) DTAS (Riken) mech design                               |                    |       |       |       |        |        |        |       |       |       |        |        |        |       | 0.20  |       |        |        |        |       |       | 0.20 |      |
| Total effort available   |                    | 14.42 | 16.74 | 11.28 |        |        |        |       |       | 1.99  | 2.28   | 4.31   | 4.06   | 4.06  | 2.03  |       |        | 1.41   | 2.82   | 2.82  | 3.13  | 1.41 |      |
| Total effort allocated   |                    | 14.53 | 16.71 | 11.34 |        |        |        |       |       | 2.18  | 2.43   | 4.29   | 4.09   | 4.12  | 1.79  |       |        | 1.31   | 2.53   | 2.97  | 3.13  | 1.40 |      |
| Check for overallocation with difference (available - allocated)                                 |                    | -0.11 | 0.03  | -0.06 |        |        |        |       |       | -0.19 | -0.15  | 0.02   | -0.03  | -0.06 | 0.24  |       |        | 0.10   | 0.29   | -0.15 | -0.31 | 0.01 |      |