

| ID | APEL              | DGAS         | UNICORE                    | ARC                   | DEFINITION  |
|----|-------------------|--------------|----------------------------|-----------------------|---|
| 1  |                   | dgJobId      | <b>RecordIdentity</b>      | <b>RecordIdentity</b> | Unique identifier of a record   |
| 2  |                   | lrmsId       | GlobalJobId                | GlobalJobId           | Global job identifier as assigned by a metascheduler or federation scheduler                      |
| 3  | <b>LocalJobID</b> |              | LocalJobId                 | LocalJobId            | Local job identifier assigned by the LRMS   |
| 4  |                   |              |                            | ProcessId             | Process ID of the job   |
| 5  | LocalUserID       | localUserId  | LocalUserId                | LocalUserId           | Local identity of the user associated with the resource consumption reported in this Usage Record |
| 6  | GlobalUserName    | gridUser     | GlobalUserName             | GlobalUserName        | Global identity of user (certificate DN)  |
| 7  |                   |              | JobName                    | JobName               | Job ID defined by the user  |
| 8  |                   | amount       |                            | Charge                | Total charge of job   |
| 9  |                   |              | <b>Status</b>              | <b>Status</b>         | Completion status of the job  |
| 10 |                   |              | Resource(desc=exit_status) |                       | Exit code of the application  |
| 11 | WallDuration      | wallTime     | WallDuration               | WallDuration          | Elapsed time  |
| 12 | CpuDuration       | cpuTime      | CpuDuration                | CpuDuration           | CPU time used   |
| 13 | EndTime           | end          | EndTime                    | EndTime               | Completion time of job  |
| 14 |                   | endDate      |                            |                       |   |
| 15 | <b>StartTime</b>  | start        | StartTime                  |                       | Start time of the job   |
| 16 |                   | date         |                            |                       |   |
| 17 | <b>Site</b>       | siteName     |                            | MachineName           | Site's name   |
| 18 |                   |              | MachineName                |                       | Hostname of the LRMS  |
| 19 |                   | gridResource |                            |                       |   |
| 20 |                   |              | Host                       | Host                  | The hostname on which the job run   |
| 21 |                   |              |                            | SubmitHost            | The hostname from which the job was submitted   |
| 22 | <b>SubmitHost</b> |              | Queue                      | Queue                 | Queue name from which the job was executed or submitted   |
| 23 |                   | userVo       | Resource(desc=VO)          |                       | Virtual organization of the user  |
| 24 |                   | voOrigin     |                            |                       | Algorithm used to determine the user VO   |
| 25 |                   |              | ProjectName                | ProjectName           | Project information related to the job  |
| 26 |                   |              |                            | Network               | Amount of network resource used by the job  |
| 27 |                   |              |                            | Disk                  | Disk storage used   |
| 28 | MemoryReal        | pmem         | Memory                     | Memory                | Amount of physical memory used by the job   |

|    |                          |                     |                                   |              |   |
|----|--------------------------|---------------------|-----------------------------------|--------------|---|
| 29 | MemoryVirtual            | vmem                | Memory                            |              | Amount of virtual memory used by the job  |
| 30 |                          |                     |                                   | Swap         | Swap usage  |
| 31 | NodeCount                |                     |                                   | Nodecount    | Number of nodes used  |
| 32 |                          | executingNodes      |                                   |              | List of the nodes used  |
| 33 | Processors               |                     |                                   | Processors   | The number of processors used   |
| 34 |                          |                     |                                   | TimeDuration | ???   |
| 35 |                          |                     | TimeInstant                       | TimeInstant  | qtime,ctime,etime for Unicore   |
| 36 |                          |                     |                                   | ServiceLevel | Quality of service associated with the usage  |
| 37 | UserFQAN                 | userFqan            |                                   |              | VOMS FQAN of the user certificate   |
| 38 | <b>ScalingFactor</b>     | iBench              |                                   |              | Integer benchmark for the CPU   |
| 39 |                          | fBench              |                                   |              | Float benchmark for the CPU   |
| 40 | <b>ScalingFactorUnit</b> | iBenchType          |                                   |              | Integer benchmark type/unit used  |
| 41 |                          | fBenchType          |                                   |              | Float benchmark type/unit used  |
| 42 |                          |                     | Resource(desc=infrastructure<br>) |              | Grid middleware or other infrastrure which produced the record<br>(currently unicore/unknown) |
| 43 |                          | remoteHlr           |                                   |              |   |
| 44 |                          | acl                 |                                   |              |   |
| 45 |                          | id                  |                                   |              |   |
| 46 |                          | hlrGroup            |                                   |              |   |
| 47 |                          | localGroup          | Resource(desc=group)              |              | Unix group ID of the user in the computing farm   |
| 48 |                          | urSourceServer      |                                   |              |   |
| 49 |                          | hlrTid              |                                   |              |   |
| 50 |                          | accountingProcedure |                                   |              |   |
| 51 |                          | GlueCEInfoTotalCPUs |                                   |              |   |
| 52 |                          | uniqueChecksum      |                                   |              |   |