

ALOA for PM

A lot of abbreviations for Project Management



“Etc. = The abbreviation used when I can’t think of any other examples”

A lot of abbreviations

ALOA A lot of abbreviations

General abbreviations

| | |
|------|--|
| PMI | Project Management Institute |
| IPMA | International Project Management Association |
| WBS | Work breakdown structure |
| AoA | Activity-on-the-arc |
| AoN | Activity-on-the-node |
| FS | Finish-Start |
| FF | Finish-Finish |
| SS | Start-Start |
| SF | Start-Finish |
| ES | Earliest start |
| EF | Earliest finish |
| LS | Latest start |
| LF | Latest finish |
| GPR | Generalized Precedence Relations |
| CP | Critical path |
| TOC | theory of constraints |

Baseline Scheduling

... without resources

| | |
|------|---|
| ESS | Earliest start schedule |
| LSS | Latest start schedule |
| CPM | critical path method |
| PERT | Programme evaluation and review technique |
| CLT | Central limit theorem |
| PSG | Project scheduling game |
| ND | Normal duration (= highest possible duration) |
| CD | Crash duration (= lowest possible duration) |
| NC | Normal cost (= lowest possible cost) |
| CC | Crash cost (= highest possible cost) |

... with resources

| | |
|--------|---|
| RCP | Resource-constrained project Also abbreviated as RCPSP (resource-constrained project scheduling problem) |
| RCP-DC | Resource-constrained project with discounted cash flows |
| RCP-WC | Resource-constrained project with work continuity |
| RLP | Resource levelling project |
| NPV | Net present value |
| CC | Critical chain |
| CC/BM | Critical chain/Buffer management |
| SSGS | Serial schedule generation scheme |
| PSGS | Parallel schedule generation scheme |

Schedule Risk Analysis

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|-----|---|
| SRA | Schedule risk analysis |
| CI | Criticality index |
| SI | Significance index |
| SSI | Schedule sensitivity index |
| CRI | Cruciality index |
| | → CRI(r): CRI using Pearson's product-moment |
| | → CRI(ρ): CRI using Spearman's rank correlation |
| | → CRI(τ): CRI using Kendall's tau rank correlation |
| MC | Monte-Carlo simulation |

Project Control

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|--------|--|
| EVM | Earned Value Management |
| AD | Actual duration = AT (actual time) |
| PV | Planned value a.k.a. BCWS = Budgeted Cost of Work Scheduled |
| AC | Actual cost a.k.a. ACWP = Actual Cost of Work Performed |
| EV | Earned value a.k.a. BCWP = Budgeted Cost of Work Performed |
| ES | Earned schedule |
| PD | Planned duration |
| BAC | Budget at completion |
| SV | Schedule variance (EV - PV) |
| SV(t) | Schedule variance (alternative ES version) (= ES - AT) |
| CV | Cost variance (EV - AC) |
| SPI | Schedule performance index (= EV/PV) |
| SPI(t) | Schedule performance index (alternative ES version) (= ES/AT) |
| CPI | Cost performance index (= EV/AC) |
| EAC(€) | Expected cost at completion (or EAC(\$), EAC(£), ...) |
| EAC(t) | Expected time at completion |
| PF | Performance factor (used for forecasting) |

