Task Name	2006	2007	2008	2009	2010	2011
Machine Specific Software	Q1 Q2 Q3	Q4 Q1 Q2 Q3 Q	Q4 Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	1 Q1 Q2 Q3 Q4	1 Q1 Q2 C
QMC: Threaded library for multi-core						
Evaluation of Message Passing vs Threads						
Integrate with QDP at Level-2	—					
QMP: Native implementations and extensions						
Native QMP over Infiniband, BlueGene						
QMP ports to new architectures						
QLA: Linear Algebra routines						
Opteron optimization on Cray XT3						
64-bit ports and Intel/SSE3 optimization						
QCDOC, BGL and new architectures			:	:		:
QOP: Level-3 Code						
Level-3 highly optimized kernels						
2. Infrastructure for Application Code						
Support for QCD API			:			
Integration and optimization of QCD API						
Documentation & Regression testing						•
User support (training workshops)						
QCD Physics Toolbox						
Shared algorithms and Building Blocks						i
Graphics and Visualization						
Workflow and Data Analysis						
Performance Analysis						
Multigrids algorithms (with TOPS)						<u> </u>
3. Uniform Computing Environment						
Common runtime environment						
Data Management						
Support for grid and ILDG						
Monitor and control large systems						
Accounting Tools						