待機イベント、待機クラス一覧

SELECT　name，　wait_class　FROM　V$EVENT_NAME　ORDER　BY　name；

待機イベント名	待機イベントクラス
ADG instance recovery complete	Other
ADG query scn advance	Other
ADG switchover completion	Other
ADR block file read	Other
ADR block file write	Other
ADR file lock	Other
AQ Background Master: slave start	Other
AQ Cross Master idle	Idle
AQ OPT Operation Complete	Other
AQ master shutdown	Other
AQ master: time mgmt/task cleanup	Other
AQ propagation connection	Other
AQ reload SO release	Other
AQ slave: time mgmt/task cleanup	Other
AQ spill debug idle	Other
AQ: 12c message cache init wait	Idle
AQ: RAC AQ Network	Other
AQ:non durable subscriber add or drop	Other
AQPC idle	Idle
AQPC: new master	Other
ARCH Remote Write	Other
ARCH wait for flow-control	Network
ARCH wait for net re-connect	Network
ARCH wait for netserver detach	Network
ARCH wait for netserver init 2	Network
ARCH wait for netserver start	Network
ARCH wait for process death 1	Other
ARCH wait for process start 1	Other
ARCH wait for process start 3	Other
ARCH wait on c/f tx acquire 1	Other
ASM Async Scrub	Other
ASM COD rollback operation completion	Administrative

ASM Fixed Package I/O	User I/O
ASM Instance startup	Other
ASM PST operation	Other
ASM PST query : wait for [PM][grp][0] grant	Cluster
ASM Scrub Stop	Other
ASM Scrubbing I/O	Other
ASM Staleness File I/O	User I/O
ASM Volume Background	Other
ASM Volume Resource Action	Other
ASM async relocation I/O	System I/O
ASM background starting	Other
ASM background timer	Idle
ASM check disk slices	Other
ASM cluster file access	Other
ASM cluster membership changes	Idle
ASM concurrent diskgroup dismount	Other
ASM db client exists	Other
ASM file metadata operation	Other
ASM internal hang test	Other
ASM metadata cache frozen	Other
ASM mount : wait for heartbeat	Administrative
ASM network foreground exits	Other
ASM remote SQL	Network
ASM sync cache disk read	User I/O
ASM sync relocation I/O	System I/O
ASM volume directive send	Other
ASM: MARK subscribe to msg channel	Other
ASM: OFS Cluster membership update	Other
ASM: Send msg to MARK	Other
ASYNC Remote Write	Other
AWR Flush	Other
AWR Metric Capture	Other
Analyze hash compare	Other
Archive Manager file transfer I/O	User I/O
Archiver slave I/O	System I/O
Auto BMR RPC standby catchup	Other
Auto BMR completion	Other
BA: Performance API	Administrative
BFILE check if exists	Other

BFILE check if open	Other
BFILE closure	Other
BFILE get length	Other
BFILE get name object	Other
BFILE get path object	Other
BFILE internal seek	Other
BFILE open	Other
BFILE read	User I/O
Backup Appliance Comm SGA setup wait	Idle
Backup Appliance Servlet wait	Idle
Backup Appliance Surrogate wait	Idle
Backup Appliance container I/O	Other
Backup Appliance container synchronous read	Other
Backup Appliance container synchronous write	Other
Backup Appliance waiting for work	Idle
Backup Appliance waiting restore start	Idle
Backup Restore Event sleep	Other
Backup Restore Switch Bitmap sleep	Other
Backup Restore Throttle sleep	Other
Backup: MML command to channel	Administrative
Backup: MML commit backup piece	Administrative
Backup: MML create a backup piece	Administrative
Backup: MML data movement done?	Administrative
Backup: MML datafile proxy backup?	Administrative
Backup: MML datafile proxy restore?	Administrative
Backup: MML delete backup piece	Administrative
Backup: MML extended initialization	Administrative
Backup: MML get base address	Administrative
Backup: MML initialization	Administrative
Backup: MML obtain a direct buffer	Administrative
Backup: MML obtain textual error	Administrative
Backup: MML proxy cancel	Administrative
Backup: MML proxy commit backup piece	Administrative
Backup: MML proxy initialize backup	Administrative
Backup: MML proxy initialize restore	Administrative
Backup: MML proxy prepare to start	Administrative
Backup: MML proxy session end	Administrative
Backup: MML proxy start data movement	Administrative
Backup: MML query backup piece	Administrative

Backup: MML query for direct buffers	Administrative
Backup: MML read backup piece	Administrative
Backup: MML release a direct buffer	Administrative
Backup: MML restore backup piece	Administrative
Backup: MML shutdown	Administrative
Backup: MML v1 close backup piece	Administrative
Backup: MML v1 delete backup piece	Administrative
Backup: MML v1 open backup piece	Administrative
Backup: MML v1 query backup piece	Administrative
Backup: MML v1 read backup piece	Administrative
Backup: MML v1 write backup piece	Administrative
Backup: MML write backup piece	Administrative
CDB: Per Instance Query for PDB Info	Other
CGS ping operation	Other
CGS skgxn join retry	Other
CGS wait for IPC msg	Other
CRS call completion	Other
CSS Xgrp shared operation	Other
CSS group membership query	Other
CSS group registration	Other
CSS initialization	Other
CSS operation: action	Other
CSS operation: data query	Other
CSS operation: data update	Other
CSS operation: diagnostic	Other
CSS operation: query	Other
CTWR media recovery checkpoint request	Other
Clonedb bitmap file write	System I/O
Cluster Suspension wait	Other
Cluster stabilization wait	Other
Compression analysis	Other
Cube Build Master Wait for Jobs	Concurrency
DBMS_LDAP: LDAP operation	Other
DBMS_ROLLING instruction completion	Other
DBWR range invalidation sync	Other
DBWR slave I/O	System I/O
DFS db file lock	Other
DFS lock handle	Other
DG Broker configuration file I/O	User I/O

DIAG idle wait	Idle
DIAG lock acquisition	Other
DLM Omni Enq Owner replication	Other
DLM cross inst call completion	Other
DLM enqueue copy completion	Other
DLM: shared instance mode init	Other
DNFS disp IO slave cleanup	Other
DNFS disp IO slave completion	User I/O
DNFS disp IO slave idle	Idle
DSKM to complete cell health check	Other
Data Guard Broker Wait	Other
Data Guard network buffer stall reap	Network
Data Guard server operation completion	Other
Data Guard: Gap Manager	Idle
Data Guard: RFS disk I/O	Other
Data Guard: Timer	Idle
Data Guard: controlfile update	Idle
Data Guard: process clean up	Other
Data Guard: process exit	Other
Data Guard: rtrt work	Other
Data Pump slave init	Other
Data Pump slave startup	Other
Data file init write	User I/O
Datapump dump file I/O	User I/O
Disk file I/O Calibration	User I/O
Disk file Mirror Read	User I/O
Disk file Mirror/Media Repair Write	User I/O
Disk file operations I/O	User I/O
EMON slave idle wait	Idle
EMON termination	Other
Emon coordinator main loop	Idle
Emon coordinator startup	Other
Emon slave main loop	Idle
External Procedure call	Application
External Procedure initial connection	Application
FAL archive wait 1 sec for REOPEN minimum	Other
Failed Logon Delay	Other
File Copy	User I/O
File Repopulation Write	System I/O

GCR CSS group join	Other
GCR CSS group leave	Other
GCR CSS group lock	Other
GCR CSS group query	Other
GCR CSS group update	Other
GCR ctx lock acquisition	Other
GCR sleep	Idle
GCS lock cancel	Other
GCS lock cvt S	Other
GCS lock cvt X	Other
GCS lock esc	Other
GCS lock esc X	Other
GCS lock open	Other
GCS lock open S	Other
GCS lock open X	Other
GCS recovery lock convert	Other
GCS recovery lock open	Other
GIPC operation: dump	Other
GL: cross instance latch free	Other
GPnP Get Error	Other
GPnP Get Item	Other
GPnP Initialization	Other
GPnP Set Item	Other
GPnP Termination	Other
GV$: slave acquisition retry wait time	Other
Global transaction acquire instance locks	Configuration
HS message to agent	Idle
IM ADO scheduler retry	Other
IM CU busy	Other
IM FastStart deadlock retry	Other
IM buffer busy	Concurrency
IM buffer busy SHR	Concurrency
IM buffer busy TXN	Concurrency
IM populate completion	Other
IMFS Flush defer writes	Other
IMFS defer writes scheduler	Idle
IMR CSS join retry	Other
IMR disk votes	Other
IMR membership resolution	Other

IMR mount phase II completion	Other
IMR net-check message ack	Other
IMR rr lock release	Other
IMR rr update	Other
IMR slave acknowledgement msg	Other
IMR slave process init	Other
IMR slave process shutdown	Other
IORM Scheduler Slave Idle Wait	Idle
IOS client reconnect to dif IOS	Other
IOS worker process exit	Other
IOS worker process startup	Other
IPC busy async request	Other
IPC send completion sync	Other
IPC wait for name service busy	Other
IPC waiting for OSD resources	Other
Image redo gen delay	Other
In-Memory populate: over pga limit	Other
Inmemory Populate: get loadscn	Concurrency
JAVA patching	Other
JOX Jit Process Sleep	Idle
JS coord start wait	Administrative
JS external job	Idle
JS kgl get object wait	Administrative
JS kill job wait	Administrative
KA: shared KGA not initialized	Other
KJC: Wait for msg sends to complete	Other
KSV master wait	Other
Kupp process shutdown	Other
L1 validation	Other
LCK0 row cache object free	Concurrency
LGWR ORL/NoExp FAL archival	Other
LGWR all worker groups	Other
LGWR any worker group	Other
LGWR intra group IO completion	Other
LGWR intra group sync	Other
LGWR real time apply sync	Idle
LGWR simulation latency wait	Other
LGWR slave I/O	System I/O
LGWR wait for redo copy	Other

LGWR wait on LNS	Network
LGWR worker group idle	Idle
LGWR worker group ordering	Other
LGWR-LNS wait on channel	Other
LMON global data update	Other
LMS CR slave timer	Idle
LNS ASYNC archive log	Idle
LNS ASYNC dest activation	Idle
LNS ASYNC end of log	Idle
LNS simulation latency wait	Other
LNS wait on LGWR	Network
Log archive I/O	System I/O
Log file init write	User I/O
LogMiner FSC: dictionary load completion	Other
LogMiner builder: DDL	Queueing
LogMiner builder: branch	Idle
LogMiner builder: idle	Idle
LogMiner builder: memory	Queueing
LogMiner client: transaction	Idle
LogMiner preparer: idle	Idle
LogMiner preparer: memory	Queueing
LogMiner reader: buffer	Queueing
LogMiner reader: log (idle)	Idle
LogMiner reader: redo (idle)	Idle
LogMiner: activate	Idle
LogMiner: find session	Idle
LogMiner: internal	Idle
LogMiner: other	Idle
LogMiner: reset	Idle
Logical Standby Apply Delay	Idle
Logical Standby Apply shutdown	Other
Logical Standby Debug	Other
Logical Standby Terminal Apply	Other
Logical Standby dictionary build	Other
Logical Standby pin transaction	Other
MMON (Lite) shutdown	Other
MMON slave messages	Other
MRP inactivation	Other
MRP redo arrival	Idle

MRP stop	Other
MRP wait on archivelog archival	Other
MRP wait on archivelog arrival	Other
MRP wait on process restart	Other
MRP wait on process start	Other
MRP wait on startup clear	Other
Monitor testing	Other
NFS read delegation outstanding	Other
Network file transfer	System I/O
Nonlogged block fetch	Other
OFS Receive Queue	Idle
OFS idle	Idle
OFS interrupted req not found	Other
OFS operation completion	Administrative
OJVM: Generic	Other
OLAP DML Sleep	Application
OSD IPC library	Other
PCFC: recovery domain valid	Other
PDB close abort completion	Other
PDB lock domain invalidation	Other
PDB relocate completion	Other
PGA memory operation	Other
PING	Idle
PL/SQL lock timer	Idle
PMON to cleanup detached branches at shutdown	Other
PMON to cleanup pseudo-branches at svc stop time	Other
PX Deq Credit: Session Stats	Other
PX Deq Credit: free buffer	Other
PX Deq Credit: need buffer	Idle
PX Deq Credit: send blkd	Idle
PX Deq: Execute Reply	Idle
PX Deq: Execution Msg	Idle
PX Deq: Index Merge Close	Idle
PX Deq: Index Merge Execute	Idle
PX Deq: Index Merge Reply	Idle
PX Deq: Join ACK	Other
PX Deq: Metadata Update	Idle

PX Deq: Msg Fragment	Idle
PX Deq: OLAP Update Close	Other
PX Deq: OLAP Update Execute	Other
PX Deq: OLAP Update Reply	Other
PX Deq: Parse Reply	Idle
PX Deq: Signal ACK EXT	Other
PX Deq: Signal ACK RSG	Other
PX Deq: Slave Join Frag	Other
PX Deq: Slave Session Stats	Other
PX Deq: Table Q Close	Other
PX Deq: Table Q Get Keys	Other
PX Deq: Table Q Normal	Idle
PX Deq: Table Q Sample	Idle
PX Deq: Table Q qref	Other
PX Deq: Test for credit	Other
PX Deq: Test for msg	Other
PX Deq: Txn Recovery Reply	Idle
PX Deq: Txn Recovery Start	Idle
PX Deq: kdcph_mai	Idle
PX Deq: kdcphc_ack	Idle
PX Deq: reap credit	Other
PX Deque wait	Idle
PX Idle Wait	Idle
PX Nsq: PQ descriptor query	Other
PX Nsq: PQ load info query	Other
PX Queuing: statement queue	Scheduler
PX Send Wait	Other
PX create server	Other
PX hash elem being inserted	Other
PX hash key vector merge	Other
PX qref latch	Other
PX server shutdown	Other
PX signal server	Other
PX slave connection	Other
PX slave release	Other
Parameter File I/O	User I/O
Pluggable Database file copy	User I/O
RAC reference partitioning descendants lock	Other
RAC referential constraint parent lock	Other

RAC: constraint DDL lock	Other
REPL Apply: apply DDL	Application
REPL Apply: commit	Configuration
REPL Apply: dependency	Concurrency
REPL Apply: txns	Idle
REPL Capture/Apply: RAC AQ qmn coordinator	Idle
REPL Capture/Apply: RAC inter-instance ack	Other
REPL Capture/Apply: database startup	Other
REPL Capture/Apply: flow control	Queueing
REPL Capture/Apply: memory	Queueing
REPL Capture/Apply: messages	Idle
REPL Capture/Apply: miscellaneous	Other
REPL Capture: archive log	Idle
REPL Capture: filter callback ruleset	Application
REPL Capture: subscribers to catch up	Queueing
RFS announce	Other
RFS attach	Other
RFS close	Other
RFS create	Other
RFS detach	Other
RFS dispatch	Other
RFS ping	Other
RFS random i/o	System I/O
RFS register	Other
RFS sequential i/o	System I/O
RFS write	System I/O
RMA: IPC0 completion sync	Other
RMA: RAC reconfig	Other
RMA: latch	Other
RMA: rlog allocate	Other
RMAN Disk slave I/O	System I/O
RMAN Tape slave I/O	System I/O
RMAN backup & recovery I/O	System I/O
RMAN wallet access limit	Other
RSGA: RAC reconfiguration	Other
RVWR wait for flashback copy	Other
Recovery: scn growth limit	Other
Redo Transport Attach	Other
Redo Transport Close	Other

Redo Transport Detach	Other
Redo Transport MISC	Other
Redo Transport Network Throttle	Other
Redo Transport Open	Other
Redo Transport Ping	Other
Redo Transport Slave Shutdown	Other
Redo Transport Slave Startup	Other
Redo Writer Remote Sync Complete	Other
Redo Writer Remote Sync Notify	Other
Redo transport testing	Other
Remote SYNC Ping	Other
Remote Tool Request Free List	Other
Remote Tool Request Reply	Other
Replication Dequeue	Other
Resolution of in-doubt txns	Other
Row cache for Grant or Revoke	Other
SCM slave idle	Idle
SGA Allocator termination	Other
SGA: MMAN sleep for component shrink	Idle
SGA: allocation forcing component growth	Other
SGA: sga_target resize	Other
SQL*Net break/reset to client	Application
SQL*Net break/reset to dblink	Application
SQL*Net message from client	Idle
SQL*Net message from dblink	Network
SQL*Net message to client	Network
SQL*Net message to dblink	Network
SQL*Net more data from client	Network
SQL*Net more data from dblink	Network
SQL*Net more data to client	Network
SQL*Net more data to dblink	Network
SQL*Net vector data from client	Network
SQL*Net vector data from dblink	Network
SQL*Net vector data to client	Network
SQL*Net vector data to dblink	Network
SQL*Net vector message from client	Idle
SQL*Net vector message from dblink	Idle
SUPLOG PL wait for inflight pragma-d PL/SQL	Other
SYNC Remote Write	Other

SecureFile log buffer	Configuration
SecureFile mutex	Concurrency
Service operation completion	Cluster
Sharded Queues : Part Maintenance idle	Idle
Sharded Queues : Part Truncate idle	Idle
Shared IO Pool IO Completion	User I/O
Shared IO Pool Memory	Concurrency
Space Manager: slave idle wait	Idle
Space Manager: slave messages	Other
Standby redo I/O	System I/O
Streams AQ: QueueTable kgl locks	Other
Streams AQ: deallocate messages from Streams Pool	Idle
Streams AQ: delete acknowledged messages	Idle
Streams AQ: emn coordinator idle wait	Idle
Streams AQ: enqueue blocked due to flow control	Queueing
Streams AQ: enqueue blocked on low memory	Queueing
Streams AQ: index block pin/row lock	Other
Streams AQ: load balancer idle	Idle
Streams AQ: opt idle	Idle
Streams AQ: qmn coordinator idle wait	Idle
Streams AQ: qmn slave idle wait	Idle
Streams AQ: waiting for busy instance for instance_name	Other
Streams AQ: waiting for messages in the queue	Idle
Streams AQ: waiting for time management or cleanup tasks	Idle
Supplemental logging roles	Other
Sync ASM discovery	Other
Sync ASM rebalance	Other
TCP Socket (KGAS)	Network
TEST: action hang	Other
TEST: action sync	Other
TEXT: File System I/O	User I/O
TEXT: URL_DATASTORE network wait	Network
TSE SSO wallet reopen	Other
Unpin a recreatable chunk	Concurrency
VKRM Idle	Idle

VKTM Init Wait for GSGA	Idle
VKTM Logical Idle Wait	Idle
WCR: RAC message context busy	Other
WCR: Sync context busy	Other
WCR: capture file IO write	Other
WCR: replay client notify	Idle
WCR: replay clock	Idle
WCR: replay lock order	Application
WCR: replay paused	Idle
Wait for TT enqueue	Other
Wait for Table Lock	Application
Wait for shrink lock	Other
Wait for shrink lock2	Other
XDB SGA initialization	Other
ack for a broadcasted res from a remote instance	Other
acknowledge over PGA limit	Scheduler
affinity expansion in replay	Other
alter rbs offline	Administrative
alter system set dispatcher	Administrative
asynch descriptor resize	Other
auto-sqltune: wait graph update	Idle
block change tracking buffer space	Other
block compare coord process idle	Idle
blocking txn id for DDL	Other
broadcast mesg queue transition	Other
broadcast mesg recovery queue transition	Other
buffer busy	Other
buffer busy waits	Concurrency
buffer deadlock	Other
buffer dirty disabled	Other
buffer exterminate	Other
buffer freelistbusy	Other
buffer invalidation wait	Other
buffer latch	Other
buffer read retry	User I/O
buffer rememberlist busy	Other
buffer resize	Other
buffer write wait	Other

buffer writeList full	Other
call	Other
cancel media recovery on switchover	Other
cell external table smart scan	User I/O
cell list of blocks physical read	User I/O
cell list of blocks read request	User I/O
cell manager cancel work request	Other
cell manager closing cell	System I/O
cell manager discovering disks	System I/O
cell manager opening cell	System I/O
cell multiblock physical read	User I/O
cell multiblock read request	User I/O
cell physical read no I/O	User I/O
cell single block physical read	User I/O
cell single block read request	User I/O
cell smart file creation	User I/O
cell smart flash keep	Other
cell smart flash unkeep	Other
cell smart incremental backup	System I/O
cell smart index scan	User I/O
cell smart restore from backup	System I/O
cell smart table scan	User I/O
cell statistics gather	User I/O
cell worker idle	Idle
cell worker online completion	Other
cell worker retry	Other
change tracking file parallel write	Other
change tracking file synchronous read	Other
change tracking file synchronous write	Other
check CPU wait times	Other
checkpoint advanced	Other
checkpoint completed	Configuration
class slave wait	Idle
cleanup of aborted process	Other
cmon timer	Idle
concurrent I/O completion	Administrative
connection broker handoff	Network
connection pool wait	Administrative
control file backup creation	Administrative

control file diagnostic dump	Other
control file heartbeat	Other
control file parallel write	System I/O
control file sequential read	System I/O
control file single write	System I/O
cr request retry	Other
cursor: mutex S	Concurrency
cursor: mutex X	Concurrency
cursor: pin S	Concurrency
cursor: pin S wait on X	Concurrency
cursor: pin X	Concurrency
database open on read-write instance	Other
datafile copy range completion	Administrative
datafile move cleanup during resize	Other
db file async I/O submit	System I/O
db file parallel read	User I/O
db file parallel write	System I/O
db file scattered read	User I/O
db file sequential read	User I/O
db file single write	User I/O
db flash cache dynamic disabling wait	Administrative
db flash cache invalidate wait	Concurrency
db flash cache multiblock physical read	User I/O
db flash cache single block physical read	User I/O
db flash cache write	User I/O
dbms_file_transfer I/O	User I/O
dbverify reads	User I/O
debugger command	Other
dedicated server timer	Network
defer SGA allocation slave	Other
direct path read	User I/O
direct path read temp	User I/O
direct path sync	User I/O
direct path write	User I/O
direct path write temp	User I/O
dispatcher listen timer	Network
dispatcher shutdown	Other
dispatcher timer	Idle
dma prepare busy	Other

dupl. cluster key	Other
enq: AB – ABMR process initialized	Other
enq: AB – ABMR process start/stop	Other
enq: AC – acquiring partition id	Other
enq: AD – allocate AU	Other
enq: AD – deallocate AU	Other
enq: AD – flush writes to AU	Other
enq: AD – relocate AU	Other
enq: AE – lock	Other
enq: AF – task serialization	Other
enq: AG – contention	Other
enq: AH – contention	Other
enq: AK – contention	Other
enq: AM – ASM ACD Relocation	Other
enq: AM – ASM ATB COD creation	Other
enq: AM – ASM Amdu Dump	Other
enq: AM – ASM Audit file Cleanup	Other
enq: AM – ASM Audit file Delete	Other
enq: AM – ASM DD update SrRloc	Other
enq: AM – ASM File Destroy	Other
enq: AM – ASM Grow ACD	Other
enq: AM – ASM Password File Update	Other
enq: AM – ASM SR Batch Allocation	Other
enq: AM – ASM SR Segment Reuse	Other
enq: AM – ASM SR relocation	Other
enq: AM – ASM Sparse Disk IOCTL	Other
enq: AM – ASM Split Mirror DB Prepare	Other
enq: AM – ASM Split Mirror File Operation	Other
enq: AM – ASM Split Mirror Operation	Other
enq: AM – ASM User	Other
enq: AM – ASM VAL cache	Other
enq: AM – ASM VAM Active	Other
enq: AM – ASM VAT migration	Other
enq: AM – ASM cache freeze	Other
enq: AM – ASM client check	Other
enq: AM – ASM client operation	Other
enq: AM – ASM disk based alloc/dealloc	Other
enq: AM – ASM file access req	Other
enq: AM – ASM file chown	Other

enq: AM - ASM file descriptor	Other
enq: AM - ASM file relocation	Other
enq: AM - ASM metadata replication	Other
enq: AM - ASM reserved	Other
enq: AM - ASM: group unblock	Other
enq: AM - ASMB Renew	Other
enq: AM - ASMB Startup	Other
enq: AM - Create default DG key in OCR	Other
enq: AM - Credential creation	Other
enq: AM - Credential deletion	Other
enq: AM - Disable Remote ASM	Other
enq: AM - Enable Remote ASM	Other
enq: AM - Register with IOServer	Other
enq: AM - SR slice Clear/Mark	Other
enq: AM - Update SR nomark flag	Other
enq: AM - background COD reservation	Other
enq: AM - block repair	Other
enq: AM - client registration	Other
enq: AM - disk offline	Other
enq: AM - group block	Other
enq: AM - group use	Other
enq: AM - rollback COD reservation	Other
enq: AM - shutdown	Other
enq: AO - contention	Other
enq: AP - contention	Other
enq: AQ - QPT fg map dqpt	Other
enq: AQ - QPT fg map qpt	Other
enq: AR - contention	Other
enq: AS - service activation	Other
enq: AT - contention	Other
enq: AU - ADR Purge Operation	Other
enq: AV - AVD client registration	Other
enq: AV - add/enable first volume in DG	Other
enq: AV - persistent DG number	Other
enq: AV - volume relocate	Other
enq: AW - AW generation lock	Other
enq: AW - AW state lock	Other
enq: AW - AW$ table lock	Other
enq: AW - user access for AW	Other

enq: AY – contention	Other
enq: AZ – AQ_SRVNTFN_Q Creation	Other
enq: BA – SUBBMAP contention	Other
enq: BB – 2PC across RAC instances	Commit
enq: BC – create container	Other
enq: BC – drop container	Other
enq: BC – drop container group	Other
enq: BC – group – create container	Other
enq: BC – group – create file	Other
enq: BE – Critical Block Allocation	Concurrency
enq: BF – PMON Join Filter cleanup	Other
enq: BF – allocation contention	Other
enq: BI – create file	Other
enq: BI – delete file	Other
enq: BI – identify file	Other
enq: BM – clonedb bitmap file write	Other
enq: BO – contention	Other
enq: BR – file shrink	Other
enq: BR – multi-section restore header	Other
enq: BR – multi-section restore section	Other
enq: BR – perform autobackup	Other
enq: BR – proxy-copy	Other
enq: BR – request autobackup	Other
enq: BR – space info datafile hdr update	Other
enq: BS – Backup spare0	Other
enq: BS – Backup spare1	Other
enq: BS – Backup spare2	Other
enq: BS – Backup spare3	Other
enq: BS – Backup spare4	Other
enq: BS – Backup spare5	Other
enq: BS – Backup spare6	Other
enq: BS – Backup spare7	Other
enq: BS – Backup spare8	Other
enq: BS – Backup spare9	Other
enq: BU – recovery set construct	Other
enq: BU – recovery set takeover	Other
enq: BV – rebuild/validate group	Other
enq: BZ – resize file	Other
enq: CA – contention	Other

enq: CB − role operation	Concurrency
enq: CC − decryption	Other
enq: CF − contention	Other
enq: CI − contention	Other
enq: CL − compare labels	Other
enq: CL − drop label	Other
enq: CM − diskgroup dismount	Other
enq: CM − gate	Other
enq: CM − instance	Other
enq: CN − race with init	Other
enq: CN − race with reg	Other
enq: CN − race with txn	Other
enq: CO − master slave det	Other
enq: CP − Pluggable database resetlogs	Other
enq: CQ − contention	Other
enq: CR − block range reuse ckpt	Other
enq: CT − CTWR process start/stop	Other
enq: CT − change stream ownership	Other
enq: CT − global space management	Other
enq: CT − local space management	Other
enq: CT − reading	Other
enq: CT − state	Other
enq: CT − state change gate 1	Other
enq: CT − state change gate 2	Other
enq: CU − contention	Other
enq: CX − TEXT: Index Specific Lock	Other
enq: DB − contention	Administrative
enq: DD − contention	Other
enq: DF − contention	Other
enq: DG − contention	Other
enq: DI − contention	Other
enq: DL − contention	Other
enq: DM − access control	Other
enq: DM − contention	Other
enq: DN − contention	Other
enq: DO − Staleness Registry create	Other
enq: DO − disk online	Other
enq: DO − disk online recovery	Other
enq: DO − startup of MARK process	Other

enq: DP – contention	Other
enq: DQ – contention	Other
enq: DR – contention	Other
enq: DS – contention	Other
enq: DT – contention	Other
enq: DV – contention	Other
enq: DW – contention	Other
enq: DX – contention	Other
enq: EA – contention	Other
enq: EB – contention	Other
enq: EC – contention	Other
enq: ED – contention	Other
enq: EE – contention	Other
enq: EF – contention	Other
enq: EG – contention	Other
enq: EH – contention	Other
enq: EI – contention	Other
enq: EJ – contention	Other
enq: EK – contention	Other
enq: EL – contention	Other
enq: EM – contention	Other
enq: EN – contention	Other
enq: EO – contention	Other
enq: EP – contention	Other
enq: EQ – contention	Other
enq: ER – contention	Other
enq: ES – contention	Other
enq: ET – contention	Other
enq: EU – contention	Other
enq: EV – contention	Other
enq: EX – contention	Other
enq: EY – contention	Other
enq: EZ – contention	Other
enq: FA – access file	Other
enq: FB – contention	Other
enq: FC – open an ACD thread	Other
enq: FC – recover an ACD thread	Other
enq: FD – Flashback coordinator	Other
enq: FD – Flashback logical operations	Other

enq: FD – Flashback on/off	Other
enq: FD – Marker generation	Other
enq: FD – Restore point create/drop	Other
enq: FD – Tablespace flashback on/off	Other
enq: FE – contention	Other
enq: FG – FG redo generation enq race	Other
enq: FG – LGWR redo generation enq race	Other
enq: FG – serialize ACD relocate	Other
enq: FH – contention	Other
enq: FL – Flashback database log	Other
enq: FL – Flashback db command	Other
enq: FM – contention	Other
enq: FO – file system operation contention	Other
enq: FP – global fob contention	Other
enq: FR – contention	Other
enq: FR – recover the thread	Other
enq: FR – use the thread	Other
enq: FS – contention	Other
enq: FS – online log operation	Other
enq: FT – allow LGWR writes	Other
enq: FT – disable LGWR writes	Other
enq: FU – contention	Other
enq: FW – contention	Other
enq: FX – issue ACD Xtnt Relocation CIC	Other
enq: FZ – contention	Other
enq: GA – contention	Other
enq: GB – contention	Other
enq: GC – contention	Other
enq: GD – contention	Other
enq: GE – contention	Other
enq: GF – contention	Other
enq: GG – contention	Other
enq: GH – contention	Other
enq: GI – contention	Other
enq: GJ – contention	Other
enq: GK – contention	Other
enq: GL – contention	Other
enq: GM – contention	Other
enq: GN – contention	Other

enq: GO - contention	Other
enq: GP - contention	Other
enq: GQ - contention	Other
enq: GR - contention	Other
enq: GS - contention	Other
enq: GT - contention	Other
enq: GU - contention	Other
enq: GV - contention	Other
enq: GX - contention	Other
enq: GY - contention	Other
enq: GZ - contention	Other
enq: HC - HSM cache read	Other
enq: HC - HSM cache write	Other
enq: HD - contention	Other
enq: HM - contention	Other
enq: HP - contention	Other
enq: HQ - contention	Other
enq: HV - contention	Concurrency
enq: HW - contention	Configuration
enq: IA - contention	Other
enq: IC - IOServer clientID	Other
enq: ID - contention	Other
enq: IF - file close	Other
enq: IF - file open	Other
enq: II - contention	Other
enq: IK - contention	Other
enq: IL - contention	Other
enq: IM - contention for blr	Other
enq: IN - contention	Other
enq: IP - open/close PDB	Other
enq: IR - arbitrate instance recovery	Other
enq: IR - contention	Other
enq: IR - contention2	Other
enq: IR - global serialization	Other
enq: IR - local serialization	Other
enq: IS - contention	Other
enq: IT - contention	Other
enq: IV - contention	Other
enq: IZ - contention	Other

enq: JD – contention	Other
enq: JG – contention	Other
enq: JG – evt notify	Other
enq: JG – evtsub add	Other
enq: JG – evtsub drop	Other
enq: JG – q mem clnup lck	Other
enq: JG – queue lock	Other
enq: JG – sch locl enqs	Other
enq: JI – contention	Other
enq: JQ – contention	Other
enq: JS – aq sync	Other
enq: JS – evt notify	Other
enq: JS – job recov lock	Other
enq: JS – job run lock – synchronize	Other
enq: JS – wdw op	Other
enq: JX – SQL statement queue	Scheduler
enq: JX – cleanup of queue	Scheduler
enq: JZ – Join group dictionary	Other
enq: KA – ACL control status	Other
enq: KD – determine DBRM master	Other
enq: KE – contention	Other
enq: KI – contention	Other
enq: KL – contention	Other
enq: KM – contention	Other
enq: KO – fast object checkpoint	Application
enq: KP – contention	Other
enq: KQ – access ASM attribute	Other
enq: KT – contention	Other
enq: KV – IMA key vector access	Concurrency
enq: KZ – contention	Other
enq: LA – contention	Other
enq: LB – contention	Other
enq: LC – contention	Other
enq: LD – contention	Other
enq: LE – contention	Other
enq: LF – contention	Other
enq: LG – contention	Other
enq: LH – contention	Other
enq: LI – contention	Other

enq: LJ – contention	Other
enq: LK – contention	Other
enq: LL – contention	Other
enq: LM – contention	Other
enq: LN – contention	Other
enq: LO – contention	Other
enq: LP – contention	Other
enq: LQ – contention	Other
enq: LR – contention	Other
enq: LS – contention	Other
enq: LT – contention	Other
enq: LU – contention	Other
enq: LV – contention	Other
enq: LX – contention	Other
enq: LY – contention	Other
enq: LZ – contention	Other
enq: MC – Securefile log	Other
enq: MD – contention	Other
enq: MF – creating swap in instance	Other
enq: MF – flush bkgnd periodic	Other
enq: MF – flush client	Other
enq: MF – flush destroy	Other
enq: MF – flush prior error	Other
enq: MF – flush space	Other
enq: MH – contention	Other
enq: MK – contention	Other
enq: ML – contention	Other
enq: MM – AWR reply buffer	Other
enq: MN – contention	Other
enq: MO – contention	Other
enq: MR – PDB open	Other
enq: MR – adg instance recovery	Other
enq: MR – any role transition	Other
enq: MR – contention	Other
enq: MR – datafile online	Other
enq: MR – multi instance redo apply	Other
enq: MR – standby role transition	Other
enq: MS – contention	Other
enq: MV – datafile move	Administrative

enq: MW – contention	Other
enq: MX – sync storage server info	Other
enq: NA – contention	Other
enq: NB – contention	Other
enq: NC – contention	Other
enq: ND – contention	Other
enq: NE – contention	Other
enq: NF – contention	Other
enq: NG – contention	Other
enq: NH – contention	Other
enq: NI – contention	Other
enq: NJ – contention	Other
enq: NK – contention	Other
enq: NL – contention	Other
enq: NM – contention	Other
enq: NN – contention	Other
enq: NO – contention	Other
enq: NP – contention	Other
enq: NQ – contention	Other
enq: NR – contention	Other
enq: NS – contention	Other
enq: NT – contention	Other
enq: NU – contention	Other
enq: NV – contention	Other
enq: NX – contention	Other
enq: NY – contention	Other
enq: NZ – contention	Other
enq: OC – contention	Other
enq: OD – Serializing DDLs	Other
enq: OL – contention	Other
enq: OP – OLS Cleanup unused profiles	Other
enq: OP – OLS Store user entries	Other
enq: OQ – xsoq*histrecb	Other
enq: OQ – xsoqhiAlloc	Other
enq: OQ – xsoqhiClose	Other
enq: OQ – xsoqhiFlush	Other
enq: OQ – xsoqhistrecb	Other
enq: OT – TEXT: Generic Lock	Other
enq: OW – initialization	Other

enq: OW – termination	Other
enq: PA – modify a privilege capture	Other
enq: PA – read a privilege capture	Other
enq: PB – PDB Lock	Other
enq: PC – read privilege capture info	Other
enq: PC – update privilege capture info	Other
enq: PD – contention	Other
enq: PE – contention	Other
enq: PF – contention	Other
enq: PG – contention	Other
enq: PH – contention	Other
enq: PI – contention	Other
enq: PJ – modify DV policy	Other
enq: PJ – read DV policy	Other
enq: PL – contention	Other
enq: PM – contention	Other
enq: PP – contention	Other
enq: PQ – QPT LB Trunc sync	Other
enq: PQ – QPT Trunc	Other
enq: PQ – QPT XSTART Trunc sync	Other
enq: PQ – QPT add dqpt	Other
enq: PQ – QPT add dqpt fg	Other
enq: PQ – QPT add qpt	Other
enq: PQ – QPT add qpt fg	Other
enq: PQ – QPT drop dqpt	Other
enq: PQ – QPT drop qpt	Other
enq: PR – contention	Other
enq: PS – contention	Other
enq: PT – ASM Storage May Split	Other
enq: PT – contention	Other
enq: PV – syncshut	Other
enq: PV – syncstart	Other
enq: PW – flush prewarm buffers	Application
enq: PW – perwarm status in dbw0	Other
enq: PX – PDB instance recovery	Other
enq: QA – contention	Other
enq: QB – contention	Other
enq: QC – contention	Other
enq: QD – contention	Other

enq: QE – contention	Other
enq: QF – contention	Other
enq: QG – contention	Other
enq: QH – contention	Other
enq: QI – contention	Other
enq: QJ – contention	Other
enq: QK – contention	Other
enq: QL – contention	Other
enq: QM – contention	Other
enq: QN – contention	Other
enq: QO – contention	Other
enq: QP – contention	Other
enq: QQ – contention	Other
enq: QR – contention	Other
enq: QS – contention	Other
enq: QT – contention	Other
enq: QU – contention	Other
enq: QV – contention	Other
enq: QX – contention	Other
enq: QY – contention	Other
enq: QZ – contention	Other
enq: RA – RT ADDM flood control	Other
enq: RB – contention	Other
enq: RC – Result Cache: Contention	Application
enq: RD – RAC load	Other
enq: RE – block repair contention	Other
enq: RF – Broker Chief Lock	Other
enq: RF – Broker NSV Lock	Other
enq: RF – Broker State Lock	Other
enq: RF – DG Broker Current File ID	Other
enq: RF – FSFO Observer Heartbeat	Other
enq: RF – FSFO Primary Shutdown suspended	Other
enq: RF – FSFO string buffer	Other
enq: RF – RF – Database Automatic Disable	Other
enq: RF – atomicity	Other
enq: RF – new AI	Other
enq: RF – synch: DG Broker metadata	Other
enq: RF – synchronization: aifo master	Other
enq: RF – synchronization: critical ai	Other

enq: RG – Apply coord start/stop	Other
enq: RK – queue wallet and TS keys	Other
enq: RK – set key	Other
enq: RL – RAC wallet lock	Other
enq: RM – contention	Other
enq: RN – contention	Other
enq: RO – contention	Application
enq: RO – fast object reuse	Application
enq: RP – contention	Other
enq: RQ – AQ Cross Shard mem free	Other
enq: RQ – AQ Cross update scn for delay	Other
enq: RQ – AQ Dq Ptn Mapping	Other
enq: RQ – AQ Enq commit block truncate	Other
enq: RQ – AQ Enq commit incarnation wrap	Other
enq: RQ – AQ Eq Ptn Mapping	Other
enq: RQ – AQ Evict: block truncate	Other
enq: RQ – AQ Rule evaluation segment load	Other
enq: RQ – AQ Shid Gen	Other
enq: RQ – AQ Trnc mem free	Other
enq: RQ – AQ Trnc mem free by CP	Other
enq: RQ – AQ Trnc mem free by LB	Other
enq: RQ – AQ Trnc mem free remote	Other
enq: RQ – AQ Unevict PGA: Queue View	Other
enq: RQ – AQ Unevict PGA: setup subscriber	Other
enq: RQ – AQ cached commit WM update	Other
enq: RQ – AQ cached dequeue by condition	Other
enq: RQ – AQ indexed cached commit	Other
enq: RQ – AQ rollback retry count update	Other
enq: RQ – AQ uncached commit WM update	Other
enq: RQ – AQ uncached dequeue	Other
enq: RQ – Cross export subshard	Other
enq: RQ – Cross import subshard	Other
enq: RQ – Cross update scn	Other
enq: RQ – Dequeue update scn	Other
enq: RQ – Enqueue commit cached	Other
enq: RQ – Enqueue commit uncached	Other
enq: RQ – Free shadow shard	Other
enq: RQ – Parallel cross update scn	Other
enq: RQ – Trucate subshard	Other

enq: RR – contention	Other
enq: RS – file delete	Other
enq: RS – persist alert level	Other
enq: RS – prevent aging list update	Other
enq: RS – prevent file delete	Other
enq: RS – read alert level	Other
enq: RS – record reuse	Other
enq: RS – write alert level	Other
enq: RT – contention	Other
enq: RT – thread internal enable/disable	Other
enq: RU – contention	Other
enq: RU – waiting	Other
enq: RW – MV metadata contention	Other
enq: RX – relocate extent	Other
enq: RX – unlock extent	Other
enq: RZ – add element	Other
enq: RZ – remove element	Other
enq: SA – MRP SRL access	Other
enq: SA – standby redo logfiles	Other
enq: SB – logical standby metadata	Other
enq: SB – table instantiation	Other
enq: SC – contention	Other
enq: SE – contention	Other
enq: SF – contention	Other
enq: SG – OLS Add Group	Other
enq: SG – OLS Alter Group Parent	Other
enq: SG – OLS Create Group	Other
enq: SG – OLS Drop Group	Other
enq: SH – contention	Other
enq: SI – contention	Other
enq: SJ – Slave Task Cancel	Other
enq: SK – contention	Other
enq: SL – escalate lock	Other
enq: SL – get lock	Other
enq: SL – get lock for undo	Other
enq: SM – contention	Other
enq: SN – PDB SGA allocation	Other
enq: SN – PDB SGA free	Other
enq: SN – PDB SGA protection	Other

enq: SO – contention	Other
enq: SP – contention 1	Other
enq: SP – contention 2	Other
enq: SP – contention 3	Other
enq: SP – contention 4	Other
enq: SQ – contention	Configuration
enq: SR – contention	Other
enq: SS – contention	Configuration
enq: ST – contention	Configuration
enq: SU – contention	Other
enq: SV – contention	Configuration
enq: SW – contention	Other
enq: SX – contention 5	Other
enq: SX – contention 6	Other
enq: SY – IM populate by other session	Other
enq: SZ – contention	Other
enq: TA – contention	Other
enq: TB – SQL Tuning Base Cache Load	Other
enq: TB – SQL Tuning Base Cache Update	Other
enq: TC – contention	Other
enq: TC – contention2	Other
enq: TD – KTF dump entries	Other
enq: TE – KTF broadcast	Other
enq: TF – contention	Other
enq: TG – IMCDT global resource	Concurrency
enq: TH – metric threshold evaluation	Other
enq: TI – IMCDT object HT	Concurrency
enq: TK – Auto Task Serialization	Other
enq: TK – Auto Task Slave Lockout	Other
enq: TL – contention	Other
enq: TM – contention	Application
enq: TO – contention	Other
enq: TP – contention	Other
enq: TQ – sq TM contention	Other
enq: TQ – DDL contention	Other
enq: TQ – DDL-INI contention	Other
enq: TQ – INI contention	Other
enq: TQ – INI sq contention	Other
enq: TQ – MC free sync at cross job end	Other

enq: TQ - MC free sync at cross job start	Other
enq: TQ - MC free sync at cross job stop	Other
enq: TQ - MC free sync at export subshard	Other
enq: TQ - TM contention	Other
enq: TQ - create eviction table	Other
enq: TR - database key open check	Other
enq: TR - serialize TS rekeys	Other
enq: TR - serialize system rekeys	Other
enq: TS - contention	Other
enq: TT - contention	Other
enq: TU - UMF topology	Other
enq: TW - contention	Administrative
enq: TX - allocate ITL entry	Configuration
enq: TX - contention	Other
enq: TX - index contention	Concurrency
enq: TX - row lock contention	Application
enq: TZ - contention	Other
enq: UF - undo stat flush per PDB	Other
enq: UL - contention	Application
enq: UM - UMF task pool	Other
enq: US - contention	Other
enq: UT - transfer audit records	Other
enq: VA - contention	Other
enq: VB - contention	Other
enq: VC - contention	Other
enq: VD - contention	Other
enq: VE - contention	Other
enq: VF - contention	Other
enq: VG - contention	Other
enq: VH - contention	Other
enq: VI - contention	Other
enq: VJ - contention	Other
enq: VK - contention	Other
enq: VL - contention	Other
enq: VM - contention	Other
enq: VN - contention	Other
enq: VO - contention	Other
enq: VP - contention	Other
enq: VQ - contention	Other

enq: VR – contention	Other
enq: VS – contention	Other
enq: VT – contention	Other
enq: VU – contention	Other
enq: VV – contention	Other
enq: VX – contention	Other
enq: VY – contention	Other
enq: VZ – contention	Other
enq: WA – contention	Other
enq: WF – contention	Other
enq: WG – delete fso	Other
enq: WG – lock fso	Concurrency
enq: WL – Far Sync Fail Over	Other
enq: WL – Network Throttle	Other
enq: WL – RAC-wide SGA dump	Other
enq: WL – RAC-wide SGA initialize	Other
enq: WL – RAC-wide SGA write	Other
enq: WL – RFS global state contention	Other
enq: WL – SNA access/locking	Other
enq: WL – Switchover To Primary	Other
enq: WL – Test access/locking	Other
enq: WL – contention	Other
enq: WL – redo_db table update	Other
enq: WL – redo_log table update	Other
enq: WM – WLM Plan activation	Other
enq: WP – contention	Other
enq: WR – contention	Other
enq: WS – contention	Other
enq: WT – contention	Other
enq: XB – contention	Other
enq: XC – XDB Configuration	Other
enq: XD – ASM disk OFFLINE	Other
enq: XD – ASM disk ONLINE	Other
enq: XD – ASM disk drop/add	Other
enq: XH – contention	Other
enq: XK – contention	Other
enq: XL – fault extent map	Other
enq: XM – contention	Other
enq: XQ – purification	Other

enq: XQ − recovery	Other
enq: XQ − relocation	Other
enq: XR − database force logging	Other
enq: XR − quiesce database	Other
enq: XY − contention	Other
enq: YA − contention	Other
enq: YB − contention	Other
enq: YC − contention	Other
enq: YD − contention	Other
enq: YE − contention	Other
enq: YF − contention	Other
enq: YG − contention	Other
enq: YH − contention	Other
enq: YI − contention	Other
enq: YJ − contention	Other
enq: YK − contention	Other
enq: YL − contention	Other
enq: YM − contention	Other
enq: YN − contention	Other
enq: YO − contention	Other
enq: YP − contention	Other
enq: YQ − contention	Other
enq: YR − contention	Other
enq: YS − contention	Other
enq: YT − contention	Other
enq: YU − contention	Other
enq: YV − contention	Other
enq: YX − contention	Other
enq: YY − contention	Other
enq: YZ − contention	Other
enq: ZA − add std audit table partition	Other
enq: ZB − contention	Other
enq: ZC − FS Seg contention	Other
enq: ZD − FS CU mod	Other
enq: ZF − add fga audit table partition	Other
enq: ZG − contention	Administrative
enq: ZH − compression analysis	Other
enq: ZL − LogMiner foreign log metadata	Other
enq: ZQ − quiesce	Other

enq: ZQ – register	Other
enq: ZR – ZDLRA check quiesce tasks	Other
enq: ZR – ZDLRA check servlet quiescence	Other
enq: ZR – ZDLRA invalidate plans	Other
enq: ZR – ZDLRA lock API	Other
enq: ZR – ZDLRA lock db	Other
enq: ZR – ZDLRA lock scheduler	Other
enq: ZR – ZDLRA lock storage loc	Other
enq: ZR – ZDLRA lock timer queue	Other
enq: ZR – ZDLRA protect plans	Other
enq: ZR – ZDLRA purge storage loc	Other
enq: ZR – ZDLRA quiesce servlets	Other
enq: ZR – ZDLRA quiesce tasks	Other
enq: ZR – ZDLRA run scheduler	Other
enq: ZR – ZDLRA serialize unregister db	Other
enq: ZR – ZDLRA spare enq 10	Other
enq: ZS – excl access to spill audit file	Other
enq: ZX – repopulation file write	Other
enq: ZZ – update hash tables	Other
events in waitclass Other	Other
extent map load/unlock	Other
extent map locked	Other
external table misc IO	User I/O
external table open	User I/O
external table read	User I/O
external table seek	User I/O
external table write	User I/O
fbar timer	Idle
first spare wait event	Other
flashback buf free by RVWR	Configuration
flashback free VI log	Other
flashback log file read	System I/O
flashback log file sync	User I/O
flashback log file write	System I/O
flashback log switch	Other
force-cr-override flush	Other
free buffer waits	Configuration
free global transaction table entry	Other
free process state object	Other

gc assume	Cluster
gc block recovery request	Cluster
gc buffer busy acquire	Cluster
gc buffer busy release	Cluster
gc cancel retry	Cluster
gc claim	Cluster
gc cr block 2-way	Cluster
gc cr block 3-way	Cluster
gc cr block busy	Cluster
gc cr block congested	Cluster
gc cr block lost	Cluster
gc cr cancel	Cluster
gc cr cluster flash cache read	Cluster
gc cr disk read	Cluster
gc cr disk request	Cluster
gc cr failure	Cluster
gc cr flash cache copy	Cluster
gc cr grant 2-way	Cluster
gc cr grant 3-way	Cluster
gc cr grant busy	Cluster
gc cr grant cluster flash cache read	Cluster
gc cr grant congested	Cluster
gc cr grant ka	Cluster
gc cr multi block grant	Cluster
gc cr multi block mixed	Cluster
gc cr multi block request	Cluster
gc cr request	Cluster
gc current block 2-way	Cluster
gc current block 3-way	Cluster
gc current block busy	Cluster
gc current block congested	Cluster
gc current block lost	Cluster
gc current cancel	Cluster
gc current grant 2-way	Cluster
gc current grant 3-way	Cluster
gc current grant busy	Cluster
gc current grant cluster flash cache read	Cluster
gc current grant congested	Cluster
gc current grant ka	Cluster

gc current index split	Cluster
gc current multi block request	Cluster
gc current request	Cluster
gc current retry	Cluster
gc current split	Cluster
gc domain validation	Cluster
gc flushed buffer	Cluster
gc freelist	Cluster
gc imc multi block quiesce	Cluster
gc imc multi block request	Cluster
gc index operation	Cluster
gc quiesce	Cluster
gc recovery	Cluster
gc recovery free	Cluster
gc recovery quiesce	Cluster
gc remaster	Cluster
gc send complete	Cluster
gc transaction table	Cluster
gcs ddet enter server mode	Other
gcs domain validation	Other
gcs drm freeze begin	Other
gcs drm freeze in enter server mode	Other
gcs enter server mode	Other
gcs lmon dirtydetach step completion	Other
gcs log flush sync	Other
gcs remastering wait for read latch	Other
gcs remote message	Idle
gcs resource directory to be unfrozen	Other
gcs retry nowait latch get	Other
gcs to be enabled	Other
ges DFS hang analysis phase 2 acks	Other
ges LMD suspend for testing event	Other
ges LMD to inherit communication channels	Other
ges LMON for send queues	Other
ges LMON to get to FTDONE	Other
ges LMON to join CGS group	Other
ges RMS0 retry add redo log	Other
ges cached resource cleanup	Other
ges cancel	Other

ges cgs registration	Other
ges client process to exit	Other
ges enter server mode	Other
ges generic event	Other
ges global resource directory to be frozen	Other
ges inquiry response	Other
ges instance reconfig name entry query	Other
ges lmd and pmon to attach	Other
ges lmd sync during reconfig	Other
ges lmd/lmses to freeze in rcfg	Other
ges lmd/lmses to unfreeze in rcfg	Other
ges lms sync during dynamic remastering and reconfig	Other
ges master to get established for SCN op	Other
ges message buffer allocation	Other
ges performance test completion	Other
ges pmon to exit	Other
ges process with outstanding i/o	Other
ges remote message	Idle
ges resource cleanout during enqueue open	Other
ges resource cleanout during enqueue open-cvt	Other
ges resource directory to be unfrozen	Other
ges resource enqueue open retry sleep	Other
ges reusing os pid	Other
ges server process to shutdown	Other
ges user error	Other
ges wait for lmon to be ready	Other
ges yield cpu in reconfig	Other
ges/gcs diag dump	Other
ges1 LMON to wake up LMD - mrcvr	Other
ges2 LMON to wake up LMD - mrcvr	Other
ges2 LMON to wake up lms - mrcvr 2	Other
ges2 LMON to wake up lms - mrcvr 3	Other
ges2 proc latch in rm latch get 1	Other
ges2 proc latch in rm latch get 2	Other
get branch/thread/sequence enqueue	Other
global cache busy	Other
global enqueue expand wait	Other
global plug and play automatic resource creation	Other

gopp msg	Idle
heartbeat monitor sleep	Idle
heartbeat redo informer	Idle
i/o slave wait	Idle
imco timer	Idle
imm op	Other
inactive session	Other
inactive transaction branch	Other
index (re)build online cleanup	Administrative
index (re)build online merge	Administrative
index (re)build online start	Administrative
index block split	Other
influx scn	Other
instance state change	Other
io done	System I/O
ioctl to cell offload device	Other
iowp file id	Idle
iowp io	System I/O
iowp msg	Idle
job scheduler coordinator slave wait	Other
jobq slave TJ process wait	Other
jobq slave shutdown wait	Other
jobq slave wait	Idle
kcbzps	Other
kdblil wait before retrying ORA-54	Other
kdic_do_merge	Other
kfcl: instance recovery	Other
kfk: async disk IO	System I/O
kgltwait	Other
kill all read-only instances in cluster	Other
kjbdomalc allocate recovery domain - retry	Other
kjbdrmcvtq lmon drm quiesce: ping completion	Other
kjbopen wait for recovery domain attach	Other
kjctcisnd: Queue/Send client message	Other
kjctssqmg: quick message send wait	Other
kjudomatt wait for recovery domain attach	Other
kjudomdet wait for recovery domain detach	Other
kjxgrtest	Other
kkdlgon	Other

kkdlhpon	Other
kkdlsipon	Other
kksfbc child completion	Other
kksfbc research	Other
kkshgnc reloop	Other
kksscl hash split	Other
knpc_acwm_AwaitChangedWaterMark	Other
knpc_anq_AwaitNonemptyQueue	Other
knpsmai	Other
kpodplck wait before retrying ORA-54	Other
ksbcic	Other
ksbsrv	Other
ksdxexeother	Other
ksdxexeotherwait	Other
ksim generic wait event	Other
kslwait unit test event 1	Other
kslwait unit test event 2	Other
kslwait unit test event 3	Other
ksv slave avail wait	Other
ksxr poll remote instances	Other
ksxr wait for mount shared	Other
ktfbtgex	Other
ktm: instance recovery	Other
ktsambl	Other
kttm2d	Other
kupp process wait	Other
kxfxse	Other
kxfxsp	Other
latch activity	Other
latch free	Other
latch: AQ OPT Background Master Latch	Other
latch: AQ Sharded subscriber statistics latch	Other
latch: Change Notification Hash table latch	Other
latch: Column stats entry latch	Other
latch: GCS logfile block	Other
latch: GCS logfile write queue	Other
latch: ILM access tracking extent	Other
latch: ILM activity tracking latch	Other
latch: IM area sb latch	Other

latch: IM area scb latch	Other
latch: IM emb latch	Other
latch: IM seg hdr latch	Other
latch: IMFS defer write list	Other
latch: In memory undo latch	Concurrency
latch: MQL Tracking Latch	Concurrency
latch: PX hash array latch	Other
latch: SGA Logging Bkt Latch	Other
latch: SGA Logging Log Latch	Other
latch: Undo Hint Latch	Concurrency
latch: WCR: processes HT	Other
latch: WCR: sync	Other
latch: active service list	Other
latch: cache buffer handles	Other
latch: cache buffers chains	Concurrency
latch: cache buffers lru chain	Other
latch: call allocation	Other
latch: change notification client cache latch	Other
latch: checkpoint queue latch	Other
latch: enqueue hash chains	Other
latch: gc element	Other
latch: gcs resource hash	Other
latch: ges resource hash list	Other
latch: kjci process context latch	Other
latch: kjci request sequence latch	Other
latch: kjoeq omni enqueue hash bucket latch	Other
latch: kjoer owner hash bucket	Other
latch: ksm sga alloc latch	Other
latch: ksolt lwth alloc	Other
latch: lob segment dispenser latch	Other
latch: lob segment hash table latch	Other
latch: lob segment query latch	Other
latch: messages	Other
latch: object queue header operation	Other
latch: parallel query alloc buffer	Other
latch: pdb enqueue hash chains	Other
latch: redo allocation	Other
latch: redo copy	Configuration
latch: redo writing	Configuration

latch: row cache objects	Concurrency
latch: service drain list	Other
latch: session allocation	Other
latch: shared pool	Concurrency
latch: undo global data	Other
latch: virtual circuit queues	Other
libcache interrupt action by LCK	Concurrency
library cache load lock	Concurrency
library cache lock	Concurrency
library cache pin	Concurrency
library cache revalidation	Other
library cache shutdown	Other
library cache: bucket mutex X	Concurrency
library cache: dependency mutex X	Concurrency
library cache: mutex S	Concurrency
library cache: mutex X	Concurrency
lightweight thread operation	Other
lightweight thread task completion	Other
listen endpoint status	Other
listener registration dump	Other
lms flush message acks	Other
local write wait	User I/O
lock close	Other
lock deadlock retry	Other
lock escalate retry	Other
lock release pending	Other
lock remastering	Cluster
log buffer space	Configuration
log file parallel write	System I/O
log file sequential read	System I/O
log file single write	System I/O
log file switch (archiving needed)	Configuration
log file switch (checkpoint incomplete)	Configuration
log file switch (clearing log file)	Other
log file switch (private strand flush incomplete)	Configuration
log file switch completion	Configuration
log file sync	Commit
log file sync: PDB shutdown abort	Other
log file sync: SCN ordering	Concurrency

log switch/archive	Other
log write(even)	Other
log write(odd)	Other
logout restrictor	Concurrency
lreg timer	Idle
master diskmon read	Other
master diskmon startup	Other
master exit	Other
multiple dbwriter suspend/resume for file offline	Administrative
name-service call wait	Other
netp network	Idle
no free buffers	Other
no free locks	Other
nologging fetch slave idle	Idle
nologging range consumption list	Configuration
nologging standby txn commit	Commit
null event	Other
opening cell offload device	Other
opishd	Other
optimizer stats update retry	Other
oracle thread bootstrap	Other
os thread creation	Other
parallel recovery change buffer free	Other
parallel recovery control message reply	Idle
parallel recovery coord send blocked	Other
parallel recovery coord wait for reply	Other
parallel recovery coord: all replies	Other
parallel recovery coordinator idle wait	Idle
parallel recovery coordinator waits for slave cleanup	Idle
parallel recovery read buffer free	Other
parallel recovery redo cache buffer free	Other
parallel recovery slave idle wait	Idle
parallel recovery slave next change	Idle
parallel recovery slave wait for change	Other
pending global transaction(s)	Other
pi renounce write complete	Cluster
pipe get	Idle
pipe put	Concurrency

pman timer	Idle
pmon cleanup	Other
pmon dblkr tst event	Other
pmon shutdown	Other
pmon timer	Idle
pool server timer	Idle
prefetch warmup block being transferred	Other
prior spawner clean up	Other
process allocation slot	Other
process diagnostic dump	Other
process in prespawned state	Idle
process shutdown	Other
process startup	Other
process terminate	Other
qerex_gdml	Other
rdbms ipc message	Idle
rdbms ipc message block	Other
rdbms ipc reply	Other
read by other session	User I/O
readable standby redo apply remastering	Other
reap block level offload operations	Other
recovery active instance mapping setup	Other
recovery apply pending	Other
recovery area: computing applied logs	Other
recovery area: computing backed up files	Other
recovery area: computing dropped files	Other
recovery area: computing obsolete files	Other
recovery buffer pinned	Other
recovery cancel	Other
recovery checkpoint	Other
recovery coordinator apply pending	Other
recovery coordinator idle	Idle
recovery coordinator marker apply	Other
recovery coordinator message	Other
recovery file header update for checkpoint	Other
recovery file header update for fuzziness	Other
recovery fuzzy update	Other
recovery instance recovery completion	Other
recovery logmerger idle	Idle

recovery marker apply	Other
recovery merge pending	Other
recovery message	Other
recovery metadata latch	Other
recovery move influx buffers	Other
recovery new thread enable	Other
recovery read	System I/O
recovery receive buffer free	Other
recovery receiver idle	Idle
recovery remote file verification	Other
recovery send buffer free	Other
recovery sender idle	Idle
recovery shutdown	Other
recovery slaves to be informed	Other
recovery timestamp	Other
redo log switch request completion	Other
reliable message	Other
remote db file read	Network
remote db file write	Network
remote db operation	Network
remote log force - SCN range	Cluster
remote log force - buffer read	Cluster
remote log force - buffer update	Cluster
remote log force - commit	Commit
remote log force - log switch/recovery	Cluster
remote log force - session cleanout	Cluster
resmgr: I/O rate limit	Scheduler
resmgr: redo throttle	Scheduler
resmgr:become active	Scheduler
resmgr:cpu quantum	Scheduler
resmgr:internal state change	Concurrency
resmgr:internal state cleanup	Other
resmgr:large I/O queued	Scheduler
resmgr:plan change	Other
resmgr:pq queued	Scheduler
resmgr:sessions to exit	Concurrency
result cache lock wait	Concurrency
retry cftxn during close	Other
retry contact SCN lock master	Cluster

rollback operations active	Other
rollback operations block full	Other
rolling migration: cluster quiesce	Other
row cache cleanup	Other
row cache lock	Concurrency
row cache mutex	Concurrency
row cache process	Other
row cache read	Concurrency
second spare wait event	Other
secondary event	Other
securefile chain update	Concurrency
securefile direct-read completion	User I/O
securefile direct-write completion	User I/O
select wait	Other
service monitor: inst recovery completion	Cluster
shared server idle wait	Idle
shutdown after switchover to standby	Other
simulated log write delay	Idle
single-task message	Idle
slave exit	Other
smon timer	Idle
sort segment request	Configuration
standby query scn advance	Other
statement suspended	wait error to be cleared
switch logfile command	Administrative
switch undo - offline	Administrative
tablespace key change	Other
target log write size	Other
test long ops	Other
transaction	Other
tsm with timeout	Other
txn cache read version	Other
txn to complete	Other
unbound tx	Other
undo segment extension	Configuration
undo segment recovery	Other
undo segment tx slot	Configuration
undo_retention publish retry	Other

unspecified wait event	Other
utl_file I/O	User I/O
virtual circuit next request	Idle
virtual circuit wait	Network
wait active processes	Other
wait for EMON to process ntfns	Configuration
wait for EMON to spawn	Other
wait for FMON to come up	Other
wait for MTTR advisory state object	Other
wait for a paralle reco to abort	Other
wait for a undo record	Other
wait for another txn – rollback to savepoint	Other
wait for another txn – txn abort	Other
wait for another txn – undo rcv abort	Other
wait for assert messages to be sent	Other
wait for change	Other
wait for kkpo ref-partitioning *TEST EVENT*	Other
wait for master scn	Other
wait for possible quiesce finish	Administrative
wait for scn ack	Other
wait for stopper event to be increased	Other
wait for sync ack	Other
wait for unread message on broadcast channel	Idle
wait for unread message on multiple broadcast channels	Idle
wait for verification ack	Other
wait list latch activity	Other
wait list latch free	Other
watchdog main loop	Idle
write complete waits	Configuration
write complete waits: flash cache	Configuration
writes stopped by instance recovery or database suspension	Other
xdb schema cache initialization	Other