

GLAST CAL Action Item DataBase

All Action Items

<i>Action ID</i>	<i>Closed</i>	<i>Who</i>	<i>Due</i>	<i>Completed</i>	<i>Result Document</i>
<i>Action Description</i>					
010127-01	<input type="checkbox"/>	Johnson	1/29/2001		
Initiate NRL PIN procurement paperwork (250 EM pins). Quote to NRL, Praxis will procure Will fax spec to Hamamtsu 31 jan 01 pm					
010127-02	<input checked="" type="checkbox"/>	Carosso	2/9/2001	3/12/2001	Implementation Plan Draft 1.pdf
Implementation Plan					
010127-03	<input type="checkbox"/>	Carosso	3/31/2001		
Program costing					
010127-04	<input type="checkbox"/>	Phlips	1/29/2001		
Get rqts/plan for PIN bonding test. start Jan01 w new glue? ask France					
010127-05	<input type="checkbox"/>	Bogaert	1/29/2001		
PEM Test bench rqts and plans at Ecole Polytechnique (Xtal detector element test bench @ CdF (decide what test for bonding)					
010127-06	<input type="checkbox"/>	Bederede	2/2/2001		
Report on Light yield test at Saclay					
010127-07	<input type="checkbox"/>	Bederede	2/2/2001		
PEM tooling design started? Almost completed - need final xtal dimensions (3/7/01)					
010127-08	<input type="checkbox"/>	Bederede	2/5/2001		
Thml cycling PIN bonding starts mid jan01? confirm Test plan being prepared (Gilles, Arache).					
010127-09	<input checked="" type="checkbox"/>	Johnson	2/5/2001	2/26/2001	email from Hamamatsu
Non-disclosure agrmnt Hamamatsu/Swales for PIN epoxy					
010127-10	<input checked="" type="checkbox"/>	Ampe	2/9/2001	2/26/2001	Date is 3/15/01
Brookhaven test feb01. Set date. Get plan.					
010127-11	<input type="checkbox"/>	Ferreira	3/16/2001		
Test procedure and results of VM1 test OF will send vibration report (plots available, analysis done in 2 wks) Procedure is in french Original due date 1/29/01					
010127-12	<input type="checkbox"/>	Phlips	3/31/2001		
Light Yield Test Bench development Finalize specs Procurements Schedule. Issue: may fab by mid mar, but need fctnl end mar Dave W supporting					

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010129-01	<input type="checkbox"/>	Phlips	2/9/2001		
Status of PIN-xtal bonding concept/test					
010129-02	<input checked="" type="checkbox"/>	Virmani	2/9/2001	3/16/2001	OBE (overtaken by events)
Rqts/Plans for ASIC production testing in Bordeaux					
010129-03	<input type="checkbox"/>	Ampe	2/9/2001		
Rqts/Plans for ASIC qual testing at NRL					
010201-01	<input type="checkbox"/>	Ampe	2/9/2001		
Define what support needed from asic qual test @NRL					
010201-02	<input type="checkbox"/>	Grove	2/9/2001		
Balloon software, development status & plan					
010228-01	<input checked="" type="checkbox"/>	Phlips	3/9/2001		
PIN Diode Spec - Add RH and radiation hardness rqts Rad hardness rqmts in IRD					
010228-02	<input checked="" type="checkbox"/>	Grove	3/31/2001		
Perform light yield test on PIN/Xtal air gap config at variable xtal-pin distance					
010228-03	<input type="checkbox"/>	Johnson	3/9/2001	3/16/2001	LAT-DS-00095-01
Letter to France re. sole source procurement to Hamamatsu					
010228-04	<input checked="" type="checkbox"/>	Carlson	3/9/2001	3/16/2001	LAT-DS-00095-01
Investigate procurement of addtnl xtals w first delivery for VM2 - 01 May 01 delivery. Initial order changed from 110 to 130 units					
010228-05	<input type="checkbox"/>	Ferreira	3/30/2001		
Generate rqts doc for VM2 and EM design Include supporting rationale, eliminate qualitative statements)					
010228-06	<input checked="" type="checkbox"/>	Phlips	3/9/2001	3/16/2001	LAT-DS-00095-01
Improve definition of xtal packaging in xtal spec for shipment from vendor and handling thereafter					
010228-07	<input type="checkbox"/>	Ferreira	4/13/2001		
Complete GSE concept definition & design by IPDR Due date is for Draft					
010228-08	<input type="checkbox"/>	Ferreira	4/13/2001		
FEM and Thml analyses to NRL Thermal analysis to be started (need inputs from SLAC and NRL)					
010228-09	<input type="checkbox"/>	Ferreira	4/1/2001		
PEM Spec Draft, generate					

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010228-10	<input checked="" type="checkbox"/>	ALL	3/5/2001		
Distribute all presentations (electronically)					
010228-11	<input type="checkbox"/>	Johnson	3/16/2001		
Provide OF w xtal property report from GRO					
010228-13	<input type="checkbox"/>	Carlson	3/9/2001		
Define QA procedures and personnel to implement at xtal factory (provide w xtal contract draft)					
010228-14	<input type="checkbox"/>	Carlson	3/9/2001		
Provide info on Swedish program schedule, personnel plans, facilities and storage & handling procedures					
010228-15	<input type="checkbox"/>	F/S/NRL	4/13/2001		
Develop procedures for transfer of test bench equipment between France, Sweden (, and US) location - Ownership, maintenance, repair, liabilities, etc)					
010228-16	<input checked="" type="checkbox"/>	Ferreira	3/2/2001	3/7/2001	xtal_dim-mar07.eps
Generate xtal drawings w updated dimensions					
010228-17	<input checked="" type="checkbox"/>	Ferreira	3/16/2001	3/19/2001	Elastomer_Study.doc
Damper compressability trade study					
010228-18	<input checked="" type="checkbox"/>	Carosso	3/9/2001	3/16/2001	LAT-DS-00095-01
Clearance dimensions for electronics to complement #17, finalize					
010228-19	<input type="checkbox"/>	Phlips	3/9/2001		
Xtal closeout concepts, prepare report					
010228-20	<input checked="" type="checkbox"/>	Johnson	3/8/2001	3/8/2001	
Crystal spec telecon Mar 8th, 10am ET (or 11am)					
010228-21	<input checked="" type="checkbox"/>	Carosso	3/9/2001		
Weekly telecon NRL-F-S Pgm office, set up comms					
010228-22	<input type="checkbox"/>	ALL	4/15/2001		
CAL db, establish - Coord w IPO Implement for VM2 Each responsible party to send draft for their contribution PEM poc OF, PIN poc P. Bourgeois, Xtal poc Leff, Eric Overall concept: WNJ (see Babar db)					
010228-23	<input type="checkbox"/>	Grove	3/31/2001		
Positional Resolution memo, review data					

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010228-24	<input type="checkbox"/>	Bederede	6/19/2001		
PIN diode size, decide whether or not to track size Due at June Interim Review					
010228-25	<input type="checkbox"/>	Carosso	3/9/2001		
Kapton cable soldering and fab flow - Set up QA France/NRL mtg for coordination When Jacky visits NRL, before trip to Hamamatsu					
010228-26	<input type="checkbox"/>	Virmani	3/9/2001		
Hamamatsu visit to certify soldering process & facilities					
010228-27	<input type="checkbox"/>	Bourgeois	3/9/2001		
PIN diode acceptance test I&T steps in WBS Dictionary, w description and tests planned					
010228-28	<input checked="" type="checkbox"/>	Aker	3/27/2001		
PEM Development schedule (incl. WBS numbering), update. Provide inputs to WBS dict. Include tasks durations					
010228-29	<input checked="" type="checkbox"/>	Nordby	4/12/2001		
Change CAL vertical stay clear to 224.3 and reduce gap to flange nominal dimension from 2.0 to 1.5 mm					
010228-30	<input checked="" type="checkbox"/>	Ferreira	4/10/2001	4/12/2001	
Reduce CAL structures by 1 mm top and bottom. 1.6 mm goes into increased vertical pitch of Csl. 0.4 mm goes to tolerances.					
010228-31	<input type="checkbox"/>	Ferreira	4/30/2001		
Perform VM2 dynamic/static environmental analysis to determine dynamic motion stay-clear					
010228-32	<input type="checkbox"/>	Nordby	4/30/2001		
Specify thickness and tolerance on TKR cable thickness.					
010228-33	<input type="checkbox"/>	Nordby	4/30/2001		
Look into 1-sided tolerance on Grid wall					
010228-34	<input type="checkbox"/>	Nordby	4/30/2001		
Propose increasing tower pitch by 1mm to provide adequate margins for dynamic and static envelopes as well as I&T handling.					
010228-35	<input type="checkbox"/>	Nordby	4/30/2001		
Look at minimizing corner radius in Grid to 9 mm max, if not smaller.					
010228-36	<input checked="" type="checkbox"/>	Ferreira	4/10/2001	4/10/2001	
Develop CAL corner design with 8 mm chamfer on 364 mm stay-clear.					

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010228-37	<input type="checkbox"/>	Johnson	4/30/2001		
Develop GSE Attach point stay-clears.					
010228-38	<input type="checkbox"/>	Haller	4/30/2001		
Agree on TEM box stay-clear off back of CAL. Issue is box size and interconnect interference with GSE attach points for handling and installation.					
010305-03	<input checked="" type="checkbox"/>	Bogaert	3/9/2001		
Cold cell and 3M birefringent mtrl, ship to NRL					
010308-01	<input checked="" type="checkbox"/>	Carlson	3/9/2001	3/16/2001	LAT-DS-00095-01
Vendor to provide xtal data electronically, add in ctrct					
010308-02	<input checked="" type="checkbox"/>	Ferreira	3/9/2001	3/16/2001	LAT-DS-00095-01
Verify that all tolerances in drawings are included in xtal spec					
010308-04	<input checked="" type="checkbox"/>	Carlson	3/9/2001	3/16/2001	LAT-DS-00095-01
Include QA provisions in xtal spec Per Nick Virmani memo "Qual Rqts for Xtals"					
010308-05	<input checked="" type="checkbox"/>	Carlson	3/9/2001	3/16/2001	LAT-DS-00095-01
Onsite monitoring rqmts in xtal contract, add Manufacturing process, checkpoints, etc, per Nick's memo					
010308-06	<input checked="" type="checkbox"/>	Phlips	3/9/2001	3/16/2001	LAT-DS-00095-01
Add xtal surface cleanliness rqmt in contract xtal to be visibly clean Send draft to Per					
010308-07	<input checked="" type="checkbox"/>	Johnson	3/9/2001	3/12/2001	email
Provide GLAST doc # to OF for xtal drawing					
010308-08	<input checked="" type="checkbox"/>	Ferreira	3/9/2001	3/16/2001	LAT-DS-00095-01
Update xtal drawing w/ new dimensions					
010308-09	<input checked="" type="checkbox"/>	Phlips	3/9/2001	3/13/2001	email
Send Per russ eng Yankelivich name & coord					
010308-10	<input type="checkbox"/>	Nilsson	3/12/2001		
Generate rqmts for xtal mech test bench vendor rqrd to use this, plus any other tool					
010308-11	<input checked="" type="checkbox"/>	Bogaert	3/16/2001	3/16/2001	GluePlan.doc
PIN bonding test plan, develop					
010308-12	<input checked="" type="checkbox"/>	Nilsson	3/16/2001	3/16/2001	email
Swedish mech eng agree to OF drawing					

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010313-01	<input checked="" type="checkbox"/>	Bederede	3/14/2001	4/10/2001	PO canceled
xtal PO status from Yves, Report on					
010329-01	<input type="checkbox"/>	Bederede	4/13/2001		
Provide realistic schedule and scope for the French contributions to GLAST without particular consideration of external US program milestones. Provide to Althouse and Johnson as a result of 3/29 telephone conference.					
010417-01	<input type="checkbox"/>	Carlson	4/30/2001		
Discuss with Csl vendor the concerns over longitudinal cutting of crystals from boule. If vendor is determined to use longitudinal cutting, obtain 6 highly polished (all surfaces) crystals to examine potential problems with Thallium concentration gradient					
010417-02	<input type="checkbox"/>	Carlson	4/30/2001		
Discuss with Csl vendor, the desire to preserve two long surfaces as highly polished. That is, put light tapering in using only two of the 4 surfaces. This is needed for inspection of diode bonds.					
010417-03	<input type="checkbox"/>	Carius	5/1/2001		
Obtain confirmation of availability and schedule for use of Co60 hot cell in Sweden for boule sample radiation testing					
010417-04	<input type="checkbox"/>	Carius	5/8/2001		
Create and distribute for review a test procedure for the radiation testing of the Csl boule samples.					
010417-05	<input type="checkbox"/>	Phlips	5/1/2001		
Create a temporary Csl crystal standard using existing NRL material. Nominal length is 310 mm rather than full length.					
010417-06	<input type="checkbox"/>	Nilsson	5/15/2001		
Create and distribute draft of user manual for optical and mechanical test benches to be used by Csl vendor.					
010417-07	<input type="checkbox"/>	Nilsson	5/1/2001		
Create and distribute specification for permanent Csl crystal standards to be used with optical test bench. Six to eight standards shall be created in Al can with optical window at each end. Nominal length of packaged standard is 333 mm.					