Priority	Task #	Description	Goal	Parties involved	Next Steps
10	1	Push-pull motion system	Platform design progress. There is substantial interest in the choice between rollers and airpads. Preliminary work is needed for door motion rail design; seismic restraints; and any tolerances for detector placement on the platform.	One egnineer from the participant Labs/Institute/Universities. In alternative an external contractor as ARUP or a direct contact to a supplier of roller- or airpad systems like Hillman or Konecranes	
11	2	Cryogenic Distribution system	Define the basic layout of the cryogenic distrubution scheme for the Solenoids, the FFS and the Crab Cavities	ILD, SID, Cryogroup at KEK	
12	3	Surface Assembly Facilities. Only a crude estimate of the space require for detector subsystem assembly was made.	The surface assembly for the flat site is better understood, being similar to the one devloped for CMS. The surface assembly area for the mountain site has specific contraints because of the site topology. (The requirements for a mountain site are different from the flat site since the final installation from smaller pieces takes place in the underground hall.)	One engineer from Japan, having close ties with the CE group designing the Mountain site	Detectors must define a preassembly procedure
13	4	Alignment of detector to beamline after transport on platform. This presumably needs a coarse system covering the full range of motion, and an additional system with a conservative 1 mm tolerance measuring xyz and roll at both ends of the detector.	The external alignement system must be the same for the two detectors to aligne the detector with the integrated QD0´s with respect to the QF1`s and the beam axis	An alignement expert, possibly with deep knowledge of FSI or Rasnik. Alternativley a general alignement expert	Invite FSI Expert to give a seminar
20	5	Detector Services = umbilicals, interface, to CFS, routing in the Detector Hall	Revise the list of umbilcals for each detector. Define the routing in the detector hall and the interface with a CFS system	SID, ILD plus Japanese CFS contact	
22	6	QD0 Prototyping	Design and Testing of QD0. RF testing. Vibration testing	BNL	
25	7	Sesimic requirements and solution		ILD.SDI, CE exspert	Check the japanses rules
28	8	QD0 Integration	Movers, FRWD, Beam Instrumentation	ILD, SID, BNL	
30	9	Magnetic field leakage	Compare the current field map with the the existing rules in Japan	ILD, SID with magnet expert from japan	Check japanese requirements
31	10	Vibrations analysys	Crrelation measuremts, cold box	ILD, SID, Expert	
32	11	Radiation shielding properties of SID and ILD	Revise the worst conditions of radiation exposure like a beam loss. Compare it with the existing rules in Japan. Eventually reconsider the PACmen design	ILD, SID with a radiation expert from Japan	Check japanese requirements
35	12	Beam Commissioning	ne Physics Requirements for beam commissioning without detec	ILD, SID, Machine expert	
35	13	Detector internal alignement procedure	Ideally the internal alignement system will be the same technology used for the external one. The two systems should be designed as an integrated systems. FSI pursued by SID shows good potentiality. Or a Rasnik system pursued by ILD.	ILD, SID plus alignement expert (FSI or Rasnik)	
40	14	Local Control Rooms. What is scope of permanent facilities associated with the experiment? Utilities. Machine shop.	Detectors will enumerate the list of the techncial rooms needed for the operation and maintenace of the detectors. CFS?)	To be implemented by the Civil engineering group in charge opf the site layout (J-Power or ILC-CFS)	
50	15	Vacuum around the IP	Agree on the preesure distribution around IP	ILD, SID, Vacuum expert	