

DUNE CCB Minutes

24th Jan 2002

Virtual meeting only

Agenda:

<https://indico.fnal.gov/event/22922/>

Present:

Country/Lab	Name	Present or apologies
Chair	P.Clarke	Present
BR	E.Kemp	
CH	M.Weber	
CZ	M.Lokajicek	Present
ES	I.Gil Botella.	Present
FR	E.Pennacchio	Present
IT	S.Bertolucci	
NL	J.Templon	Present
UK	A.Mcnab	Present
USA	H.Schellmann	Present
FNAL	S.Fuess	Present
BNL	<i>P.Laycock</i>	<i>added to CCB after meeting</i>
CERN	A.Dell'Acqua	
<i>Ex-officio</i>	<i>M.Kirby</i>	<i>Present</i>

1. Introductions

P.Clarke opened the meeting and welcomed members. There was a short round-table of introductions.

2. DUNE Capacity requirements 2020-2022

M.Kirby presented the current capacity requirement estimates (see slides)

These are subject to change and have not yet been approved by the FNAL scrutiny body. The summary is in the table below.

	2020	2021	2022
Disk (PB)	15	18	24
Tape (PB)	19	28	37
CPU (kHS06-years)	33.1	51.9	53.1
CPU (cores) (@15HS06 per core)	2200	3460	3540

3. CCB Ways of working

The CCB primary purpose is to seek to meet the hardware capacity (CPU, Disk, Tape) requirements of DUNE/pDUNE for production computing, Monte Carlo and analysis.

The proposed way of working was presented by the Chair - see slides. This included

- The Purpose/ToR;
- Structure;
- Short term expectations and longer-term evolution towards formality as it becomes required;
- Contributions so far;
- Proposed targets for 2020 hardware capacity requirements.

The final slide discussed the possibility that some countries may wish to provide software engineering effort for core infrastructure in the Computing Software Project (CSC) in lieu of hardware capacity. This should be discussed on a case by case basis. It was clarified in answer to a question from J.T that the CSC is not assumed to be shared across countries as for hardware capacity provision, and therefore is not in the remit of the CCB. The intent is only that the CCB may seek to help the CSC find staff through the contacts of its members.

4. Networking

P.Clarke gave a short presentation on WAN networking between FNAL and Data Centres in DUNE partner countries - see slides.

All sites are well connected at present and this presentation was just for awareness raising of the importance and capacity of ESNET, Geant and various national NRENs.

[Since the meeting there has been some contact with people from Florida connected with networking to Brazil (they contacted the Chair following the LHCOPN/ONE meeting). They have been put in touch with R.Santana]

There was also a brief summary of the work going on between FNAL and CERN to pilot a "DUNEONE" overlay network (VRF) similar to the LHCONE overlay network. This being done purely as a pilot to explore issues with a site having to route into multiple VRFs. It is not expected that DUNE traffic needs to be segregated from LHCONE in this way at present.

5. AoB

There was no AoB at the meeting

Since the meeting M.Kirby has set up a CCB mail list. A separate mail will be sent telling you how to subscribe.

DUNE-CCB@FNAL.GOV

6. Next meeting

The CCB should in general meet coincident with DUNE weeks in future. We will try to do this for the South Dakota meeting.