



NLCTA-Note # 12

October 26,1993

Subject: BPM Title Convention

Authors: T.Montagne, J.Rifkin, S. Smith

The present scheme used at SLAC to identify or name magnets calls out:

aperture (inches) -type(*e.g.* quad)-pole length (inches).

Thus, the NLCTA linac quadrupole magnet is designated: 1.085Q4.31. It is a quadrupole, has a 1.085" aperture and the pole tips are 4.31" long. Similarly, we have created a title convention for BPM engineering drawings which is analogous. This convention provides dimensional and configurational information about the BPM and will be used in the second line of a drawings title block in the following format:

BPM - outside diameter of BPM (inches) - alpha code - electrode length (inches)

where the alpha code designates the electrode type:

" S " for stripline electrode

" C " for coaxial electrode.

As an example, the NLCTA linac BPM is identified as: BPM 1.085S4.140. This is a stripline BPM, with an outside diameter of 1.085" and an electrode length of 4.14".

(over)

NLCTA-Note Distribution:

ATSP Dept. - 26

C. Adolphsen - 65

R. Atkinson - 40

R. Boyce - 12

R. Cassel - 49

S. Clark - 46

C. Corvin - 22

R. Fuller - 50

L. Godshall - 40

H. Hoag - 33

D. Hopkins - 22

K. Kendall - 22

R. Koontz - 33

T. Montagne - 12

V. Nesterov - 49

R. Phillips - 33

M. Pietryka - 21

P. Rodriguez - 51

J. Scott - 84

T. Vargas - 79

A. Vlieks - 33

V. Vylet - 48

D. Yeremian - 55

B. Youngman - 20

Tech. Div. Dept. Heads

G. Caryotakis - 33

R. Humphrey - 50

M. Munro - 12

C. Rago - 40

R. Ruland - 21

A. Saab - 49

B. Skaggs - 22

J. Sheppard - 66

R. Tankersley - 90

J. Weiler - 13

Technical Division

L. Klaisner - 12

G. Loew - 33

E. McKeen - 15

E. Paterson - 24

L. Sherman - 15

Directorate

M. Allen - 84

W. Ash - 96

A. Bienenstock - 69

S. Drell - 80

K. Lathrop - 07

D. Leith - 80

J. Rees - 15

G. Rickansrud - 02

B. Richter - 80

Please contact Crystal Grimes ext. 2068, for additions/deletions to the distribution list.