

**WP 2004-13**  
(CP-E/042 + CP-D/403)

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### **Memo CP-E/042**

**Date:** April 26, 2004  
**To:** Distribution  
**From:** OTSUKA Naohiko and KATO Kiyoshi  
**Subject:** Dictionary 22 (Detectors) updates

We propose new detector codes:

#### **Dictionary 22 (Detectors)**

GE	Germanium detector
LQSCN	Liquid scintillator
PLSCN	Plastic scintillator
PSPC	Position sensitive proportional counter
PSSI	Position sensitive silicon detector
SI	Silicon detector

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**Memo CP-D/403**

**Date:** 2 July 2004  
**To:** Distribution  
**From:** O. Schwerer

**Subject: Proposed new detector codes (CP-E/042)**

6 new detector codes for dictionary 22 were proposed in memo CP-E/042. Before introducing them, I would like to have feedback from the other centres about them, with reference to my comments below.

**GE                                    Germanium detector**

We have GE-IN, GELI, HPGE, LEGE, and XHPGE for various types of Germanium detectors.

For which type(s) would the new code be used?

**LQSCN                                Liquid scintillator**

**PLSCN                                Plastic scintillator**

We have PSSCN, SCIN, STANK for various scintillation detectors. So far, SCIN was used with free text explanation for liquid and plastic scintillators. Do we want to change this practice? What would SCIN be used for in future?

**PSPC                                    Position sensitive proportional counter**

We have MWPC, PROPC, SWPC for various proportional counters; two of them position-sensitive. Is PSPC a third type of position-sensitive proportional counter?

**PSSI                                    Position sensitive silicon detector**

**SI                                        Silicon detector**

We have SIBAR and SILI so far as silicon detectors. What other codes for Si detectors are needed?

I am not necessarily against the new codes but want some clarifications so that we reach as much consistency as possible in using the codes.