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RECORD OF REVISIONS

Rev	Date	Description	POC	OIC
0	9/26/01	Initial issue.	Tobin H. Oruch, <i>FWO-SEM</i>	Mitch S. Harris, <i>FWO-SEM</i>
1	2/9/04	Extended to new systems, changed “facility generic” list title to facility and program, changed FMS to BAS, added FCS.	Tobin H. Oruch, <i>FWO-DO</i>	Gurinder Grewal, <i>FWO-DO</i>
2	8/16/04	Common Systems List now Att 1, does not require ESB meeting for approval.	Tobin H. Oruch, <i>FWO-DO</i>	Gurinder Grewal, <i>FWO-DO</i>
3	10/27/06	IMP and ISD number changes based on new Conduct of Engineering IMP 341. Minor administrative changes.	Tobin H. Oruch, <i>CENG</i>	Kirk Christensen, <i>CENG</i>

CONTACT THE RESPONSIBLE ENGINEERING STANDARDS POC
for upkeep, interpretation, and variance issues

Ch. 1, 230	ESM Component Nomenclature POC/Committee
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1.0 COMMON FACILITY AND PROGRAMMATIC SYSTEMS

1. The system titles and acronyms in this subsection shall be used for all new building and system design/labeling, and also adopted whenever modifying over 70% of an existing system's components.¹
2. Requests for addition to or modification of the listing shall be directed to the [Component Nomenclature POC](#), who can grant approval for interim use until listing is revised. Listing revisions do not require the Engineering Standards Board's meeting prior to approval by CENG Office Director.

Guidance:

1. *Use of this section is also encouraged for smaller, existing-facility projects and labeling/documentation upgrade efforts, since adoption of standard nomenclature ensures gradual progression toward consistently identified systems and components on labels, drawings, procedures, databases, and system design descriptions; this facilitates operations and maintenance.*
2. *The acronyms in this section are the OPsystem part of the component nomenclature process described by Chapter 1, Section 230. Optional subsystem designation is further described there.*
3. *For requirements on system boundary setting, see Chapter 1 Section 220.*
4. *Each system should receive its own identifier; there is no miscellaneous category. Facility-specific and programmatic system/acronyms maybe be tabulated in the future.*
5. *In Table 210-3, old terms are provided to assist with search and selection. UNIFORMAT II system designators from ASTM E 1557 are noted to assist with ESM section location, R.S. Means cost estimating tools, pre-conceptual through preliminary design document organization, etc.*

¹ Fifty percent is the accepted threshold for system upgrade to current standards when modifying it; this has a basis in safety and cost effectiveness per Ch. 1 Section Z10. Component identification relates to safety and cost effectiveness, though arguably less so; thus 70 percent was chosen.