IODP Personnel Protective Equipment (PPE)  
Shoes and Footwear Guideline  
Revision 2, August 2008

**General and Shore**
Supervisors will enforce the use of appropriate footwear (PPE) in areas that are not exclusively office environments. Each supervisor shall apply this guidance in a prudent manner.

Areas covered include laboratories; dock areas; loading zones; anywhere equipment such as forklifts and pallet jacks are operating; anywhere pallets are stored or in use; anywhere heavy packages, drums, gas cylinders, or cryogens may be used, stored, or moved; and anywhere the Texas Hazard Communication Act applies.

Safety shoes, commonly referred to as "steel toed shoes," must meet ASTM F2413 (formerly ANSI Z4) standards. Safety shoes are required when operating equipment including forklifts, or when moving heavy items, e.g., gas cylinders, drums, or pallets. More information on safety shoes may be found in the 29 Code of Federal Regulations, Labor (OSHA rules) Standard 1915 Subpart I App A, “PPE Selection.”

Closed-toed shoes (may include athletic shoes) are mandatory for activity that requires routine presence in areas described above. This includes supervisory, inspections, clerical, and delivery work. Supervisors should review the effectiveness of fabric-covered shoes where chemicals, glass, or potentially penetrating objects may be used.

There are no special requirements for visitors under the supervision of regular staff, individuals who are not assigned to the area and who are not engaged in any activity, and staff who ingress or egress through an area, provided they are in safe zones.

Supervisors may be more restrictive based on their knowledge of activities and in areas under their responsibility.

**Shipboard**
The Transocean Health and Safety Policies and Procedures Manual guides shipboard requirements. Section 4 Subsection 2.4, Item 4.8 (October 2007) states that Transocean personnel must wear lace-up safety toed boots in specified places. “All other personnel (this includes IODP staff and scientists) must wear safety toe boots or shoes when outside the accommodation (this includes berthing, dining, office, and labs) area unless in designated areas approved by the Division Manager. For ankle protection, safety boots are preferred to shoes.”

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1 The letters F2413 reference the performance requirement for foot protection. Additional digits following the standard designation indicate the year of the standard, for example: 05 refers to 2005. M = Designed for a male. F = Designed for a female. I/75 = Impact rating of 75 foot-pounds (a unit of force) C/75 = Compression rating of 75 foot-pounds. (75 foot-pounds is roughly equivalent to 2500 lb of pressure on the toe.)