CLAIMS:

1. A robotic system comprising:

a robot and an enclosure that moves with the robot, wherein the robotic system is configured to be operated within an explosive environment when the enclosure is sealed, the enclosure comprising:

a panel removably attached to a housing;

one or more pairs of mounting holes in the panel;

a handle insert installed in each of the mounting holes; and

one or more detachable handles attached to respective pairs of the handle inserts, each handle comprising:

a handle body with first and second ends,

an adjustable structure disposed in each of the first and second ends, the adjustable structure having a feature at a lower end that forms a gap between the feature and the handle body, and rotating the adjustable structure adjusts a size of the gap.

2. The robotic system of claim 1, wherein the feature is inserted into a slot in one of the handle inserts, and wherein the feature engages protrusions in the handle to retain the feature within the slot.

3. The robotic system of claim 2, wherein a latch is screwed into an inner threaded bore of the adjustable structure, and when the feature moves to an end of the slot, the latch is rotated to extend a latch protrusion into a recess in the handle insert, which secures the handle in the handle insert.

4. The robotic system of claim 3, wherein rotation of the latch in an opposite direction removes the latch protrusion from the recess and allows the handle to be removed from the handle insert.

5. The robotic system of claim 1, wherein the handle insert has a top portion and a bottom portion, and wherein the top portion is installed into one of the mounting holes from a top surface of the panel and the bottom portion is removably attached to the top portion of the handle insert from a bottom surface of the panel and retains the top portion in the one of the mounting holes.

6. The robotic system of claim 5, wherein a spacer is disposed between the bottom portion of the handle insert and the bottom surface of the panel.

7. The robotic system of claim 6, wherein the spacer has a thickness that is varied to accommodate various thicknesses of the panel.

8. The robotic system of claim 5, wherein the one of the mounting holes has a beveled edge at the top surface of the panel.

9. The robotic system of claim 8, wherein a seal is disposed between the beveled edge and a flange of the top portion of the handle insert.

10. The robotic system of claim 8, wherein the beveled edge, an inner surface of the one of the mounting holes, and the top surface of the panel is covered with a corrosion resistant paint.

11. The robotic system of claim 1, wherein the panel is aluminum, and the handle insert is stainless steel.

12. The robotic system of claim 1, wherein the handle insert is electrically coupled to a bottom surface of the panel through contact of a spacer with the bottom surface and the handle insert.

13. A method for conducting subterranean operations comprising:

attaching and securing a handle to a removable panel, the removable panel being configured to attach to a housing of a robotic system enclosure;

manipulating the removable panel via the handle;

attaching the removable panel to the housing; and

releasing and detaching the handle from the removable panel, wherein the attaching and securing the handle further comprises:

inserting a feature of the handle into a handle insert attached to the removable panel;

moving the feature along a slot of the handle insert to an end of the slot; and

screwing a locking device to extend a locking protrusion in a recess in the handle insert, thereby securing the feature in the slot and thus securing the handle in the handle insert.

14. The method of claim 13, wherein the releasing and detaching the handle further comprises:

unscrewing the locking device to retract the locking protrusion from the recess in the handle insert, thereby releasing the feature in the slot and allowing the feature to be removed from the slot and thus removing the handle from the handle insert.