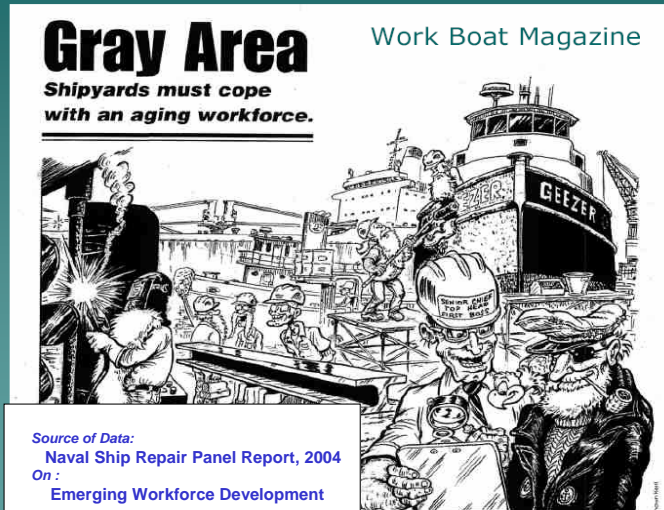


In 2010 ... who will build and repair ships?

- ◆ Existing workforce?
 - aging?
 - turnover?
 - skills to operate new equipment?
 - enough workers?



Evolving work environments demand evolving workforce skills. Computers, robotics and factory automation have imposed changes on the the workplace in the same manner as has the world geopolitical conditions. As a consequence, much of industry is facing the problem that today's workforce skills are not in sync with today's and tomorrow's workplace requirements.

Illustrated above is a pending aging workforce problem now facing the U.S. Navy and the shipbuilding industry. A limited infusion of new workers that occurred in past decades occurred because of shipbuilding business migration to offshore yards resulted in a bubble of older workers remaining in the workforce. That bubble of workers is now approaching retirement age and upon retirement, will soon cause a serious shortage of trained workers. As a consequence, steps must be taken to assure an infusion of new workers to fill the need and at the same time introduce advanced manufacturing methods into the workforce that will increase quality, productivity and market readiness.

MAGLEV, Inc. has realized that it too will be affected by this loss of older workers and have a need for a workforce skilled in modern processes to meet advanced manufacturing needs. It has initiated a program with the Community College of Allegheny County (CCAC) and Penn State University (PSU) to fill this pending void and at the same time advance the workforce capabilities of existing industry.