



**The Long Island Divers
Association,
Life Support Technologies Inc., &
Nassau University Medical Center
proudly present,**

Life Support Technologies President & CEO
Glenn Butler presents,

“Extreme Life Support: Walking In Space”
Gearing up for the Hubble Space Telescope Repairs



**Thursday
July 23, 2009
8:00 PM
at the NUMC
Amphitheater**

Directions: Wantagh Parkway to Hempstead Turnpike West or Meadowbrook Parkway to Hempstead Turnpike East. Nassau University Medical Center is halfway between the Wantagh and Meadowbrook Parkways, on the North side of Hempstead Turnpike. Go to the main entrance and ask for the Amphitheater.

One of the greatest stories of American technology transfer took place in order to “fix” the Hubble Space Telescope in 1993. Launched into space in order to take high resolution images of deep space objects from outside the Earth’s atmosphere, a manufacturing flaw in a mirror caused blurry images and severely compromised the telescope’s capabilities, as well as NASA’s reputation and the future of the Space Program. Up until then, the longest “Spacewalk” had been three hours. To fix the Hubble’s problem, two astronauts would have to perform three days of ten hour long EVA missions. This is the story of the engineering of the protocols under which these missions were performed, and the simulation systems used to train the astronauts, presented by the man who supervised their development.

Glenn Butler has more than 35 years of military and commercial diving experience, and is well regarded as one of the foremost experts in in clinical hyperbaric operations. He was a founding member of the National Board Certification for Hyperbaric Technologists and is a member of the NFPA-99 and UHMS Hyperbaric Safety Committees. He has authored several HBO related U.S. Patents and published more than 26 scientific documents.



FREE to Long Island Divers Association members, \$5.00 for all others.

Space is Limited. Reserve now, while seats are available.

RSVP Requested: Please email Adam Altman at diverex@optonline.net

The Long Island Divers Association is a 501(c)(3) not-for-profit corporation.