

# LightSpeed™ AN/PAQ-6

## Phone & Distance Line Replacement (6-PAQ)



- NAVY Operational Logistics Integration (OPLOG) Program
- Replacement of legacy Phone and Distance Line (PDL) system during Underway Replenishment (UNREP) with LightSpeed™ technology
- Non-RF silent communication during approach and UNREP– 6-PAQ transceiver units use eye-safe IR LEDs
- Secure voice and data communications: Bridge-to-Bridge and Station-to-Station without RF
- System capable of passing any information (including tactical) in any format (open source) from ship (any size) to shore to mobile
- Advantages of the PDL replacement:
  - Reduce manpower
  - Increase accuracy
  - Increase safety
  - Enhance capabilities

### Specifications

<b>Communication Range</b>	1+ km
<b>Field-of-View</b>	24°
<b>System Size</b>	9 x 10 x 7 in
<b>System Weight</b>	15 lbs
<b>Display Size</b>	4 x 5 x 12 in
<b>Mounting</b>	Tripod or rail clamp or magnetic mounts
<b>Operating Temperature</b>	-30° C to +70° C
<b>Storage Temperature</b>	-40° C to +80° C
<b>Interface</b>	Ethernet for LAN and WAN connectivity, Analog voice
<b>Optional Devices</b>	Digital voice; network cameras; other modules

