

## For Perspective: What Items, Information and Technologies Were Not Yet Available to Polar Explorers (1850 – 1920's)?

- \* Foods with proper nutrition (Scurvy cause was unknown)
- \* Desalination units for freshwater
- \* Well-insulated clothes/proper snow goggles (for snow blindness)
- \* Proper heaters for warmth and cookers for food/melt ice for H<sub>2</sub>O (diurnal  $\Delta T$  up to 40°F)
- \* Maps and water depths of regions yet to be explored
- \* GPS (celestial navigation only)
- \* Radar for navigation (where were coasts, icebergs, hazards)
- \* Radio and satellite communication (totally out of contact!)
- \* Weather and tidal data and forecasts
- \* Snowmobiles
- \* Others: computers, iPods, Blackberries, TV, DVDs, video games

