Monitoring the effects of ice forces with the Ice Class Research Vessel for Polar Code

Light Structures will present our fiber optic Ice Load Monitoring (ILM) system that is implemented on several Ice Class Research Vessels around the globe. We will discuss the typical scope of monitoring, the real-time processing and presentation of results onboard. An overview of typical parameters will be presented with a discussion of which ones may be interesting to share with Vessel Monitoring System and possibly other systems onboard. Some examples of results from similar installations on previous projects will be shown as illustrations of the performance that is expected for the ILM system on Ice Class Research Vessel for Indian Polar Programme.