The Large Synoptic Survey Telescope (LSST) is a wide-field survey reflecting telescope with an 8.4-meter primary mirror, currently under construction, that will photograph the entire available sky every few nights. The word synoptic is derived from the Greek words σύν (syn “together”) and ὄψις (opsis “view”), and describes observations that give a broad view of a subject at a particular time. The Large Synoptic Survey Telescope (LSST) is a planned wide-field “survey” reflecting telescope that will photograph the entire available sky every few nights[7]. The LSST is currently in its design and development phase and will achieve engineering first light four years after construction starts. Full science operations for the ten-year survey will begin two years after that. The current LSST timeline [8] shows a seven-year, three-month construction phase. The telescope will be located on the El Peñón peak of Cerro Pachón, a 2682 metre high mountain in Coquimbo Region, in northern