

Paper 14**Harmonization of vintage 3D surveys****KENNETH WONG UNG SING**

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SSB began her 3D seismic campaigns in the Balingian province in 1984 and has acquired eleven 3D surveys covering an area of 1,645 sq. km over the years. The surveys were shot in various orientations by different contractors using different geometrics and parameters. Seismic interpretation across boundaries of 3D surveys have been problematic although there had been previous attempts to merge datasets. By the application of proprietary processing software in-house, the eleven datasets had been merged and harmonized into a continuous single 3D dataset which facilitates interpretation across the artificial boundaries defined by the extent of individual 3D surveys. This paper describes the application of an efficient and cost effective process in improving the data quality and increasing the amount of interpretable data of the vintage surveys.
