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In 1970-80 the VENERA 9, 10, 13 and14 probes imaged the surface of Venus at landing sites. These TV photos have been published by many scientific editions, either original or processed. Since the visits of the pioneering VENERA landers, there have been steady efforts to achieve a better processing of the original images for following analysis. This paper is devoted to the description of few segments of re-processed images at their right and left hand sides, demonstrating features not noticed earlier (or ignored due to their distortion). Using this re-processing, interesting images that included both horizon and sky of Venus were produced. In the new images next mount chains or valley slopes appeared at the horizon line.