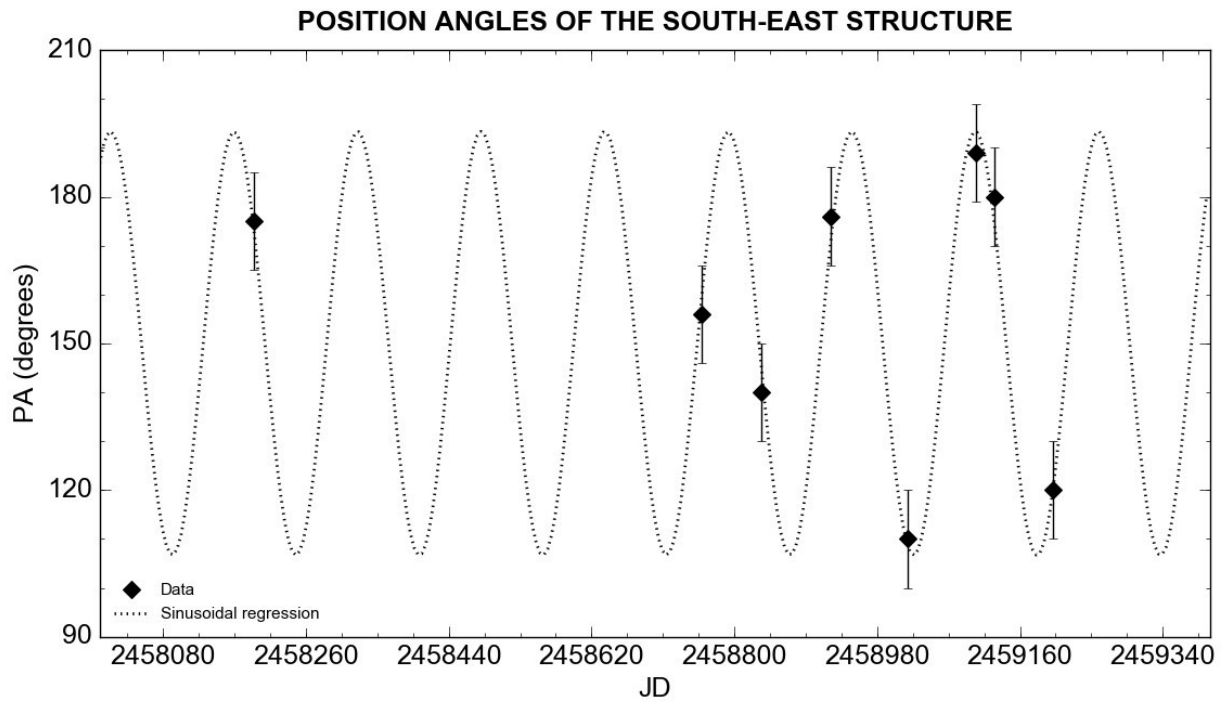


**Figure1.** The original HST images taken on 2020.10.06, with F350LP filter, were stacked on the optocenter of the comet C/2017 K2. The stack was treated with a LS algorithm ( $\alpha=45^\circ$ ) and a Gauss smoothing filter ( $\sigma=2$ ). The structure actually in PA  $170^\circ$  about was measured as described in the text.



**Figure 2.** Plot of the measured position angles ( $\pm 10^\circ$  measure error) of the southeast structure over the observation period. The dotted line is a sinusoidal fit, showing a period of 156 days ( $R^2=0.981$ ).