



The PTF Orion Planet- Search Project

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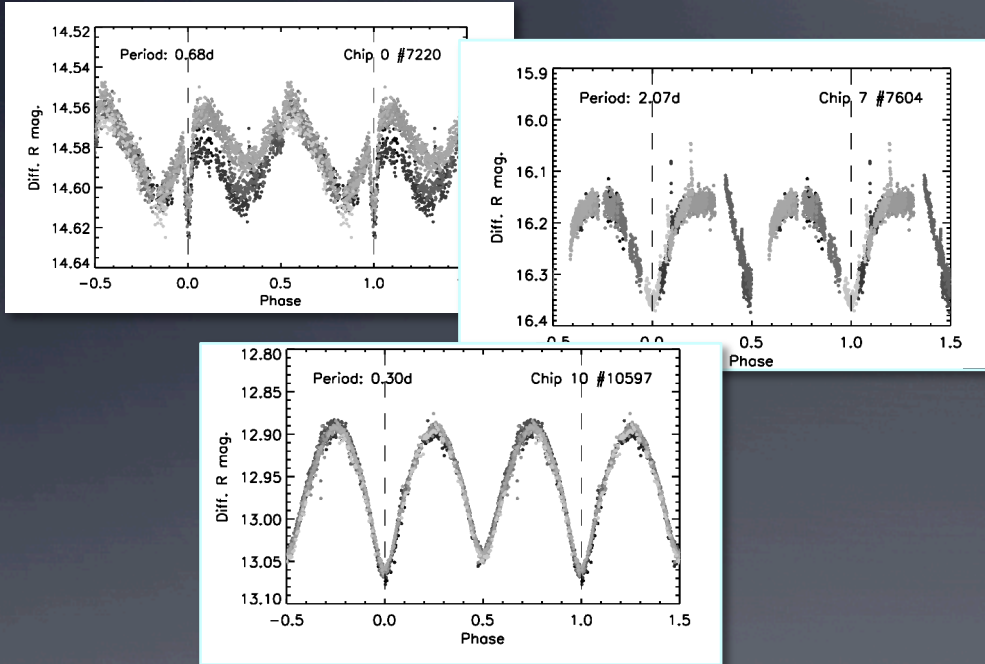
Sub-project within broader Palomar Transient Factory survey:

- R-band, ~80s cadence
- 25-Ori region
- ~7-10 Myr old
- Observed ~17 clear nights Dec 2009, 7 clear nights Dec 2010
- ~6000 exposures

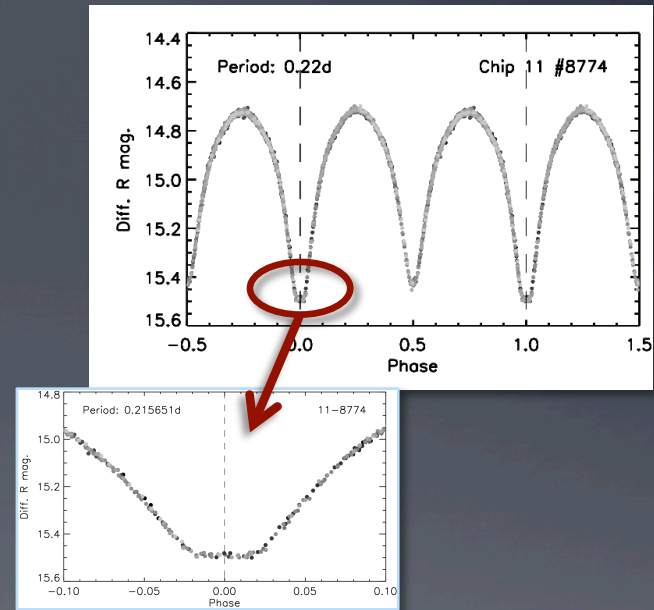


Examples

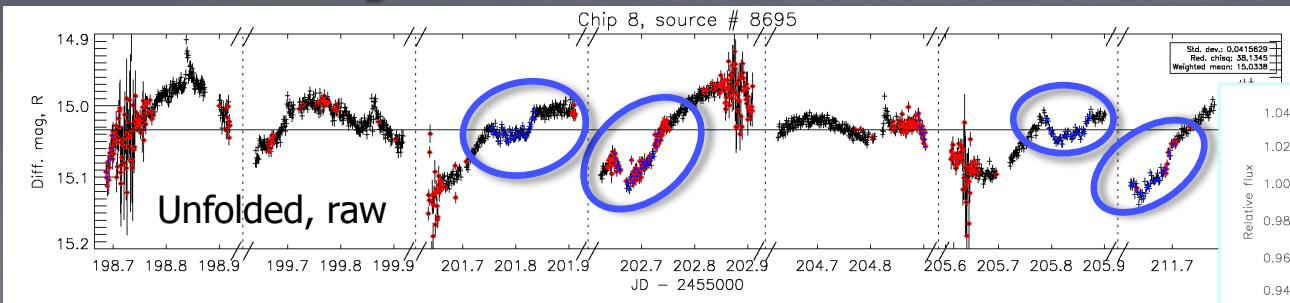
- Young EB candidates: 6 low-mass, 2 W-UMa.



- 45 contact/nr.-contact systems - 1 v. short period W-UMa ($p=0.2157d$):



- A transiting T-Tauri star?



- Early M, $p=0.4484d$

