

Release Notes:

Date: March 11th, 2020

Observed field: 43-Car-III-2019

Observing Satellites: BTr

QCT team: Bert Pablo, Andrzej Pigulski

RK - Rainer Kuschnig (Satellite Operation Center),

APo - Adam Popowicz (reductions).

Satellites: BAb - BRITE-Austria, UBr - UniBRITE, BTr - BRITE-Toronto,

BLb - Lem, BHr - Heweliusz.

GENERAL NOTES:

We refer to time in JD not HJD and we use truncated JD (TJD) = JD - 2457000.0.

That's because JD is the same for all stars (HJD is not).

NOTES ON SATELLITES/SETUPS:

BTr - OK. No issues except for a small number of data for faint star HD 92740 (WR 22).

Individual Stars:

The nine columns following star name denote:

(1) satellite

(2) setup,

(3) data points after reduction

(4) original number of frames,

(5) (in per cent)

(6) ROI_{xpos}

(7) ROI_{ypos}

(8) ROI_{xsiz}

(9) ROI_{ysiz}

Individual Stars:

STAR: HD 74375 (d Car)

BTr setup1	14014	24108	58.1	254	717	40	28
BTr setup2	17730	24600	72.1	254	717	40	28

COMMENTS FOR USERS:

BTr: Ok, but many outliers.

STAR: HD 75311 (f Car)

BTr setup1	13973	24108	58.0	200	1107	40	28
BTr setup2	17663	24600	71.8	200	1107	40	28

COMMENTS FOR USERS:

BTr: Ok.

QUESTIONS/REQUESTS ADDRESSED TO APo/RK:

STAR: HD 79351 (a Car)

BTr setup1	13919	24108	57.7	630	956	40	28
BTr setup2	17662	24600	71.8	630	956	40	28

COMMENTS FOR USERS:

BTr: Ok.

STAR: HD 82668 (N Vel)

BTr setup1	13987	24108	58.0	894	1281	48	28
BTr setup2	17661	24600	71.8	894	1281	48	28

COMMENTS FOR USERS:

BTr: Ok, small offset between setups.

STAR: HD 83446 (M Vel)

BTr setup1	14113	24108	58.5	852	2284	48	28
BTr setup2	17771	24600	72.2	852	2284	48	28

COMMENTS FOR USERS:

BTr: Ok, small offset between setups.

STAR: HD 86440 (Phi Vel)

BTr setup1	14023	24108	58.2	1314	1676	44	28
BTr setup2	17749	24600	72.2	1314	1676	44	28

COMMENTS FOR USERS:

BTr: Ok.

QUESTIONS/REQUESTS ADDRESSED TO APo/RK:
QCT: None.

STAR: HD 88824 (LW Vel)

BTr setup1	13834	24108	57.4	1619	2141	48	28
BTr setup2	17523	24600	71.2	1619	2141	48	28

COMMENTS FOR USERS:

BTr: Ok, small offset between setups.

STAR: HD 90853 (s Car)

BTr setup1	13942	24108	57.8	1907	1141	42	28
BTr setup2	17678	24600	71.9	1907	1141	42	28

COMMENTS FOR USERS:

BTr: Ok.

STAR: HD 91465 (p Car)

BTr setup1	13914	24108	57.7	1967	744	40	28
BTr setup2	17628	24600	71.7	1967	744	40	28

COMMENTS FOR USERS:

BTr: Ok.

STAR: HD 92063 (t^1 Car)

BTr setup1	14073	24108	58.4	2049	1025	40	28
BTr setup2	17814	24600	72.4	2049	1025	40	28

COMMENTS FOR USERS:

BTr: Ok, only the first short part of BTr1 bimodal.

STAR: HD 92740 (WR 22)

BTr setup1	634	24108	2.6	2133	1006	40	28
BTr setup2	445	24600	1.8	2133	1006	40	28

COMMENTS FOR USERS:

BTr: Very poor data.

STAR: HD 93030 (Theta Car)

BTr setup1	14162	24108	58.7	2101	373	54	36
BTr setup2	17510	24600	71.2	2101	373	54	36

COMMENTS FOR USERS:

BTr: Ok.

STAR: HD 93131 (WR 24)
BTr setup1 14113 24108 58.5 2174 947 48 40
BTr setup2 17925 24600 72.9 2174 947 48 40

COMMENTS FOR USERS:
BTr: Ok.

STAR: HD 93308 (Eta Car)
BTr setup1 14210 24108 58.9 2190 1000 48 28
BTr setup2 17941 24600 72.9 2190 1000 48 28

COMMENTS FOR USERS:
BTr: Ok, small offset between setups.

STAR: HD 96919 (V371 Car)
BTr setup1 14112 24108 58.5 2538 653 40 28
BTr setup2 17772 24600 72.2 2538 653 40 28

COMMENTS FOR USERS:
BTr: Ok, small offset between setups.

STAR: HD 102776 (j Cen)
BTr setup1 13948 24108 57.9 3055 291 40 28
BTr setup2 17725 24600 72.1 3055 291 40 28

COMMENTS FOR USERS:
BTr: Ok.

STAR: HD 103884
BTr setup1 14265 24108 59.2 3225 417 40 28
BTr setup2 17968 24600 73.0 3225 417 40 28

COMMENTS FOR USERS:
BTr: Ok.

STAR: HD 105211 (Eta Cru)
BTr setup1 13832 24108 57.4 3223 126 40 28
BTr setup2 17233 24600 70.1 3223 126 40 28

COMMENTS FOR USERS:
BTr: Ok, small offset between setups.

STAR: HD 106490 (Delta Cru)
BTr setup1 13940 24108 57.8 3633 772 40 28
BTr setup2 17609 24600 71.6 3633 772 40 28

COMMENTS FOR USERS:

BTr: Ok, small offset between setups.
