TIFKAM Configuration as of 13 March 2000

Slit Wheel

0	Dark
1	54 micron wide slit
2	Coronagraphic Masks
3	100 micron wide slit
4	f/7.5 imaging stop
5	f/16.6 imaging stop

Prefilter Wheel

0	Open
1	Dark
2	PK-50 blocker
3	ND=0.3 neutral density; 24 mm aperture
4	JHK Grism (R=750 with 54 micron slit)
5	ND=0.5 neutral density; 24 mm aperture
6	J or K Grism (R=1360 with 54 micron slit)
7	H or L Grism (R=1100 with 54 micron slit)
8	J AND H Grism (R=780 with 54 micron slit)

Filter Wheel

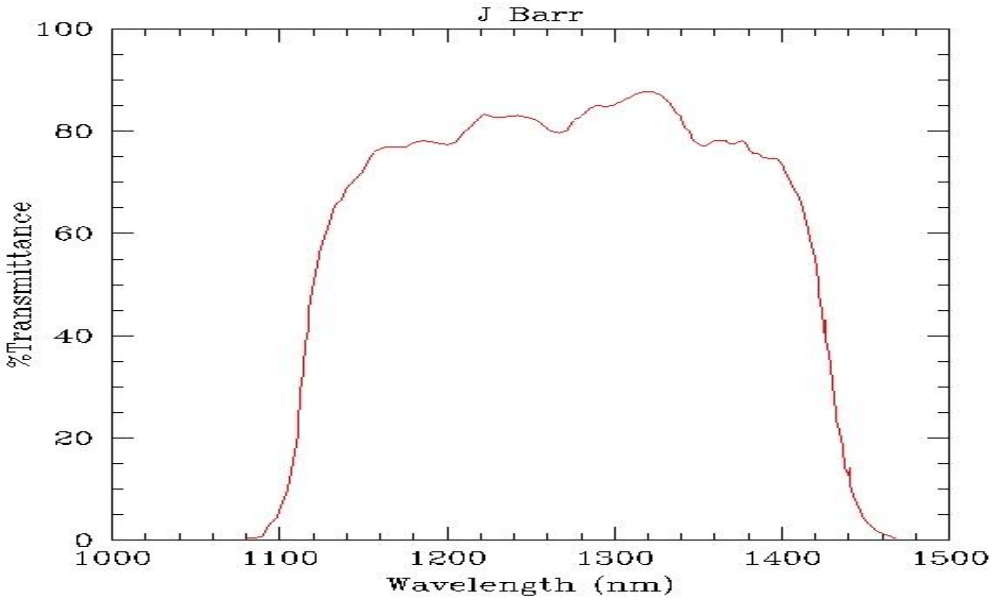
0	Open
1	Dark
2	JHK Order Sorter
3	IJH Order Sorter
4	755 - 1200 nm Order Sorter
5	Kshort OCLI; (Tokunaga consortium)
6	J Barr
7	H Barr with PK-50 blocker
8	K Barr

Camera Turret

0	f/7.5 camera (camfocus 100)
1	Open
2	Pupil Viewing Camera (camfocus 2000; use `ie campupil` to see image of entire pupil)
3	f/16.6 camera (camfocus 1100)

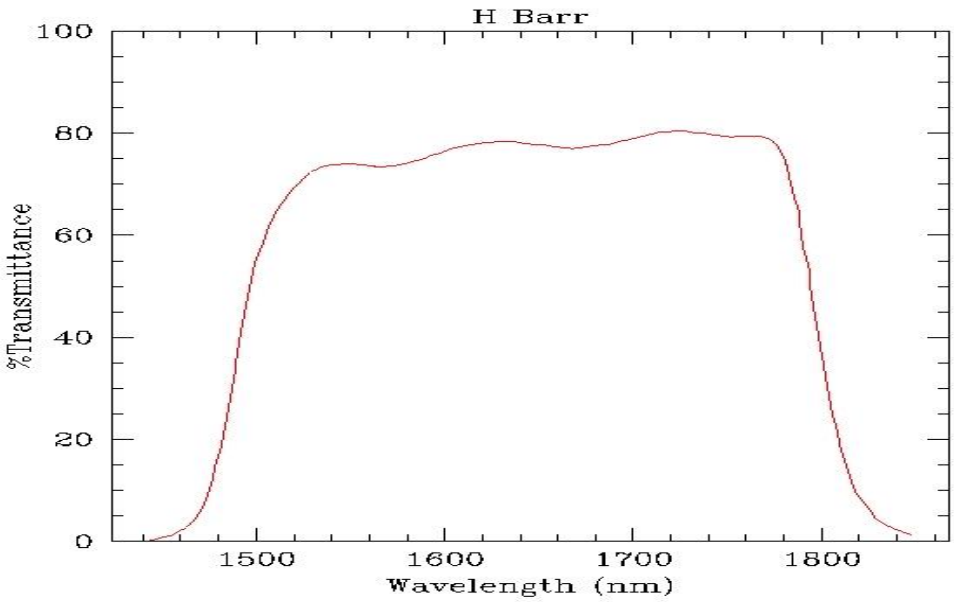
Note that the optimal focus position of the cameras changes and should be checked for best performance.

TIFKAM Filters



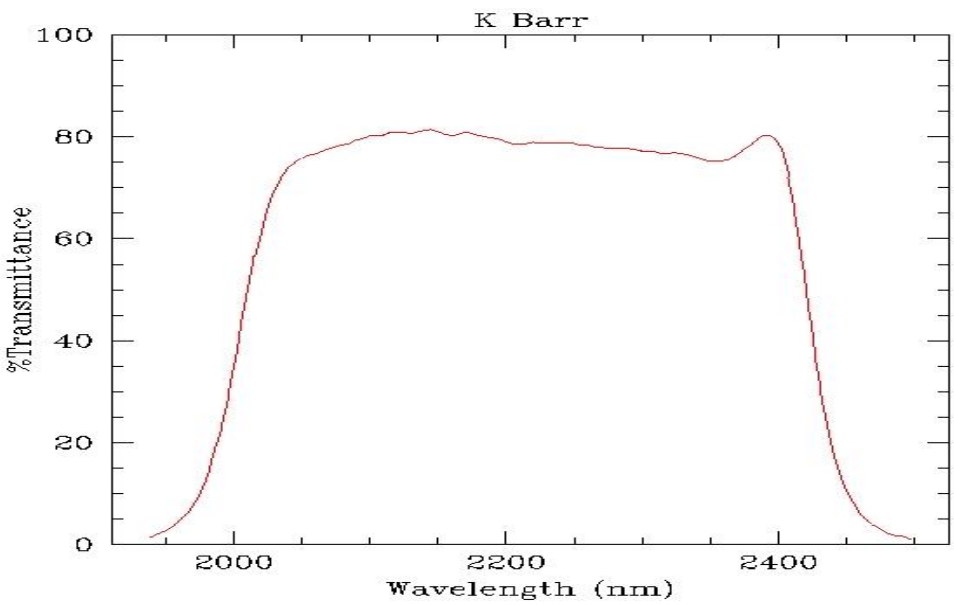
Data File

J Barr



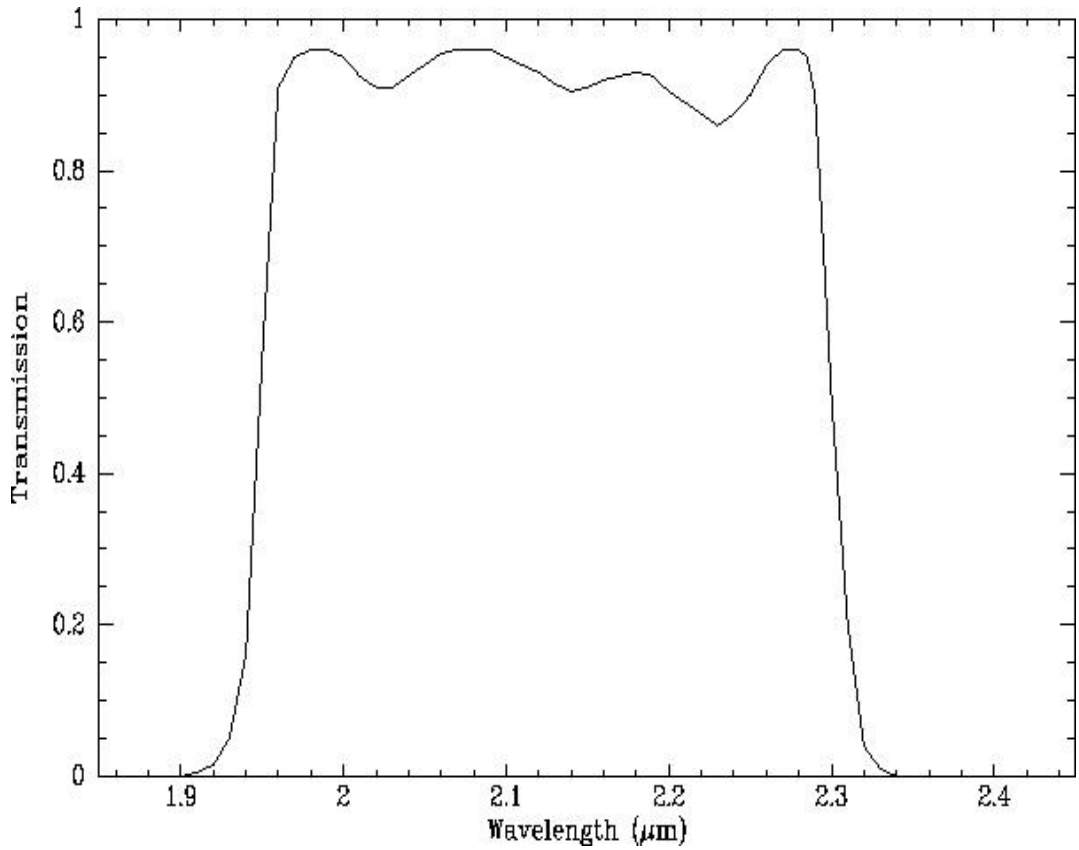
Data File

H Barr



Data File

K Barr



Data File

K_s OCLI

Data

J Barr

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1106.502161	12.41065544
1108.617819	16.42340017
1110.657917	19.61614085
1111.553003	24.95756524
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1114.290572	32.80459424
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1117.923226	45.99304763

1120.160941	49.8729244
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1127.08914	59.4739427
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1133.151313	65.50641267
1137.144327	66.5732659
1139.916769	68.96879879
1144.47357	70.32418419
1148.908315	71.81243757
1152.732773	73.96503077
1155.993444	75.8290918
1160.916417	76.7858733
1165.763831	76.92265077
1170.855359	76.7936923
1175.702773	76.93046977
1179.939901	77.73158707
1185.351103	78.15689671
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1194.970372	77.61044761
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1208.977887	79.50512388
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1228.472164	82.64511384
1232.511675	82.75909506
1237.359089	82.89587252
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1252.877789	82.2432612
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1275.423495	82.061552
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1299.201397	85.04978725
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1328.117326	86.95619202
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1351.964871	77.23982038

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1360.667974	78.21494346
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1428.757915	34.79065521
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1431.624895	25.63218528
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1440.643382	10.65279717
1442.535067	8.808910004
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1446.972521	5.651273943
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1462.154171	1.070547966
1467.928015	0.34690923

H Barr

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1486.72164	29.15420739
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1808.32605	21.75373998
1810.014948	18.17639008
1812.603568	15.31147014
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1825.661165	6.167730636
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1840.601116	2.200508424
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K Barr

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1954.265949	3.447348194
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1966.786021	6.299616027
1970.692477	7.887242231
1974.597547	9.634021007
1978.497071	12.01741007
1981.615304	14.0832739
1983.943927	16.78652792
1987.058	19.32984947
1990.172073	21.87317101
1992.497922	24.89473018
1995.607836	27.91550945
1997.149621	30.93784852
1999.474084	34.11856026
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2299.216454	77.23511026
2303.917728	77.2304069
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2333.692458	76.40026321
2338.393732	76.07541757
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2425.956532	39.2646321
2427.55655	35.60256311
2429.936472	32.41717194
2431.53649	28.75510296
2433.915027	25.72886436
2436.29495	22.54347319
2438.672099	19.67638717
2441.046476	17.12760629
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2447.363359	12.02848472
2451.303091	9.79644918
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2459.174237	6.287293531
2463.104264	5.169325998
2467.818355	4.050578559
2473.313738	3.249356362
2475.67009	2.769558929
2481.164086	2.127489304
2485.871245	1.80450473
2491.361081	1.639892824
2497.639142	0.997043294

K_s OCLI

1.900	0.0
1.91	.005
1.92	.015
1.93	.05
1.94	.16
1.95	.55
1.96	.91
1.97	.95
1.98	.96
1.99	.96
2.00	.95
2.01	.925
2.02	.91
2.03	.91
2.04	.925
2.05	.94
2.06	.955
2.07	.96
2.08	.96

2.09	.96
2.10	.95
2.11	.94
2.12	.93
2.13	.915
2.14	.905
2.15	.91
2.16	.92
2.17	.925
2.18	.93
2.19	.925
2.20	.905
2.21	.89
2.22	.875
2.23	.86
2.24	.875
2.25	.90
2.26	.94
2.27	.96
2.28	.96
2.285	.95
2.29	.90
2.30	.50
2.31	.20
2.32	.04
2.33	.01
2.34	.00

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rjoyce@noao.edu
13 June 2000