## APPENDIX B: MHO IMAGES

Table B1: This table contains close-up grey scale  $H_2$ -K images for each detected MHO in our paper, as well as a brief description of the morphology of the emission. We further briefly mention sub-structure of the objects as well as possible driving sources. All images are aligned with North to the top and East to the left. A scale is indicated in every case. In the top right corner we indicate the name of the  $H_2$  image which contains the object. The red line indicates the direction of the outflow while the red circles mark possible driving sources. Labels on each driving source candidate refer to the identification number in the source catalogue they are taken from (e.g. Glimpse, Bolocam, IRAS, GPS; see text for details). MHOs that are marked with a \* after their MHO number are parts of one outflow.

МНО	Image	Comments
MHO 2201*	MHO 2212  MHO 221b  MHO 2201b  JRAS 18151-1208	A very bright bipolar jet emanating from IRAS 18151-1208. The object has been described in Davis et al. (2004) and Varricatt et al. (2010).
MHO 2202	W20100815_00272_z  JRAS 18151-1208  MHO 2202a  MHO 2202b	A bright collimated jet like flow perpendicular to MHO 2201, potentially driven by IRAS 18151-1208. The object has been described in Davis et al. (2004) and Varricatt et al. (2010).
MHO 2203	WOODS WOODS WOODS WOODS	A series of compact emission knots North East East of the candidate driving source Bolocam G019.884-00.535 (which is identical to IRAS 18264-1152), which seems to be part of a small cluster. The object has been described by Varricatt et al. (2010).
MHO 2204	W20080731_00233_X  MH02204d  MH02204d  MH0 2204b  MH0 2204b	A series of bright compact emission knots North West West of the candidate driving source Bolocam G019.884-00.535 (which is identical to IRAS 18264-1152), which seems to be part of a small cluster. The object has been described by Varricatt et al. (2010).
MHO 2205	WOODS	Small jet or bow shock like emission pointing towards the North East.  No apparent source candidate. The object has been described by Varricatt et al. (2010).  Continued on next page

Table B1 – continued from previous page

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МНО	Image	Comments
MHO 2206*	**************************************	Group of very bright extended emission features aligned with MHO 2207 and MHO 2208 and all are most likely driven by IRAS 18316-0602. The object has been described in Todd & Ramsay Howat (2006) and Varricatt et al. (2010).
MHO 2207*	W20100818_0028_3/  I(AAS 18216-0002  MHO 2207  MHO 2206	Two bright knots that are part of the same flow as MHO 2206 and MHO 2208 that is driven by IRAS 18316-0602. The object has been described in Varricatt et al. (2010).
MHO 2208*	MHO 2269  MHO 2267  MHO 2266	A bright compact knot possibly forming the terminating bow shock of the same flow as MHO 2206 and MHO 2207 that is driven by IRAS 18316-0602. The object has been described in Varricatt et al. (2010).
MHO 2209	W20100818_00238_y  MHO 2209  438649130203	A nice bright North West heading jet aligned with the very red candidate source GPS 438649130203. The object has been described in Todd & Ramsay Howat (2006) and Varricatt et al. (2010).
MHO 2210	W20100818_00238_Y	Two bright extended emission features aligned with IRAS 18316-0602. The object has been described in Varricatt et al. (2010).
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МНО	Image	Comments
MHO 2212*	W20100815_00272_x MMO 2212  MMO 22016  MMO 22016  MMO 22016	A North West heading bow shock shaped bright emission feature probably part of MHO 2201 and thus driven by IRAS 18151-1208. The object has been described in Varricatt et al. (2010).
MHO 2244	W20080601_0086_z  3329252  MHO 2244	Faint diffuse emission South East of Akari source 3329252.
MHO 2245	W20090731_00293_x MHO 2245  N G019.884-00.535	Small fuzzy emission knot. The source is probably in the small cluster of stars to the South, coinciding with the Bolocam source G019.884-00.535 (which is identical to IRAS 18264-1152).
MHO 2246	OCHANICADO JACOBA	A compact emission knot South West of candidate driving source Glimpse G019.8810-00.5300.
MHO 2247	W2006731_0003_2 1040_20570 0019.006+00.103 MINO 20170	Two faint knots aligned (North-East to South-West) with the candidate driving source Bolocam G019.896+00.103.
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Table B1 – continued from previous page

MATTO		ntinued from previous page
МНО	Image	Comments
MHO 2248	W20090731_00305_X  MHO 2248a NANO 2248b  438521940668	Two faint emission knots that appear to form a jet heading towards the West from the probable driving source, the very red GPS source 438521940668.
MHO 2249	INVESTIGATION (INVESTIGATION CONTINUES OF THE CONTINUES O	A small diffuse knot with two probable sources, Glimpse G019.9122-00.7799 to the East and the Akari source 3318624 to the South-East.
MHO 2250	W20090731_00329_W  MHO 2250  R  G019.9357-00.2558	A small knot North West of the possible source Glimpse G019.9357-00.2558.
MHO 2251	w20090731_00329_w  438521818214  MHO 2251	A small knot very close to the South East of the red GPS source 438521818214.
MHO 2252	W20090801_00086_W  MHO 2252  3349808	Faint diffuse (bow shock shaped) emission knot North of Akari source 3349808.
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МНО	Image	Comments
MHO 2253	W20090804_00273_X  MHO 2253  Ν ε — 10"	Faint diffuse emission with no apparent source.
MHO 2254	W20100710_00417_y 3054756  HMO 2254	A compact knot South West of Akari source 3054756.
MHO 2255	W20100710_00478_2  MH02255  G021_2369+00.1940	Compact knot North East of candidate source Glimpse G021.2369+00.1940.
MHO 2256	W201007(U_00478_2 MHG2256a MHG2256b	Small, faint jet consisting of several knots with no detectable source along the axis.
MHO 2257	MH022576 G021.2248-p0.1953	Faint diffuse emission knots aligned (North to South) with the candidate source Glimpse G021.2248+00.1953.
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MITO		ntinued from previous page
МНО	Image	Comments
MHO 2258	W201007(0_00490_y)  MHO 2258	Faint knot with no apparent source.
MHO 2259	W20100710_00545_y  MHO 2259	Bow shock like emission feature heading towards the North West with no apparent source.
MHO 2260	MHO 2260  N 438379615372	A bright compact emission knot to the East of the very red candidate source GPS 438379615372.
MHO 2261		A jet like feature with a bow shock like emission heading to the South West, which is aligned with the very red candidate driving source GPS 438379615655.
MHO 2262	MHO 2282 3058500	Faint knot South East of Akari source 3058500.
		Continued on next page

МНО	Image	ntinued from previous page  Comments
MHO 2263	W20100710_00600_X  MHO 2253  N G023,6008-00.0147	Bright emission knot North West of candidate source Glimpse G023.6008-00.0147.
MHO 2264	W20100710_00500_x  MHO 2264  3057470	Bright diffuse emission North East of Akari source 3057470.
MHO 2265	W20100711_00176_x  NH1O_2265  438517254993	Emission knots to the North West of the red GPS source 438517255051 or South East of the red GPS source 438517254983.
MHO 2266	w20109711 60188 z  G022.0535-00.1980  GHO 2266a  MHO 2266b	Two groups of emission knots aligned to the South of the candidate source Glimpse G022.0535+00.1980.
MHO 2267	W20100711_00276_y  MHO 2257	A faint diffuse and elongated knot with no apparent source.
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МНО	Image	Comments
MHO 2268	W20100711_00288_y  MHO 2268	Two faint diffuse knots with no apparent source.
MHO 2269	MHO 2569 MHO	A series of knots forming a jet positioned East to West. The emission free region in the middle of the jet harbours the sub-mm source JCMTSE J183431.5-084250 (Hill et al. 2005), which is the most likely driving source.
MHO 2270	w20100711_00300_y  MHO 2270	Faint knot South East of an extended, K-band variable continuum source, which is not included in the GPS point source catalogue.
MHO 2271	W20160711_00300_y  MHO 2271	A faint bow shock like emission feature heading towards the South East with no apparent source.
MHO 2272	W20100711_00312_y  G023_4319-00.5212  MHO 2272	Two compact knots to the South West of candidate source Glimpse G023.4319-00.5212.
		Continued on next page

МНО	Image	ntinued from previous page  Comments
MHO 2273	W20100711_00344_W  MHO 2273	Two compact knots with no apparent source.
MHO 2274	927100711 1039410 MHO 32744 — 439811042397 — 61HO 22746 — MHO 22746 — 61HO 22744 —	Series of knots (aligned North to South) forming a jet like feature, but slightly bend. The object is to the East of the HII region [WHX2007] 18337-0743NE and in line with red GPS source 438511042387.
MHO 2275	W201007f1_00344_y  MHO 2275	Two extended (North East to South West) diffuse regions of emission with no apparent source.
MHO 2276	W20100711_00393_x  MHO 2276	A faint elongated emission knot with no apparent source.
MHO 2277	MEG 2076	Two diffuse and extended emission features which seem to form a South-East to North-West orientated jet with bow shock like features at both ends. There is no apparent source along the axis.  Continued on next page

Table B1 – continued from previous page

MHO Image Comments  MHO 2278  Sample Paint fuzzy emission South West of the Akari source 3338999.	
w20100712_00368_y	
MHO 2279  A bright compact emission knot North West of very red source date GPS 438745913239.	; candi-
MHO 2280  MHO 2280  A bright emission knot with no apparent source.	
MHO 2281  Extended bright, partly diffuse emission knot with no apparent	source.
MHO 2282  MHO 2282  A compact emission knot with no apparent source.  Continued on ne.	xt page

MHO 2283  MHO 2284  MHO 2284  MHO 2285  MHO 2286  MHO 2287  MHO 2287  MHO 2287  MHO 2287  MHO 2288  MHO 2288	МНО	Image	ntinued from previous page  Comments
MHO 2285  MHO 2285  MHO 2285  MHO 2285  MHO 2286  MHO 2287  MHO 2287  MHO 2287  MHO 2287  MHO 2287  MHO 2287  MHO 2288		wojerfa; gaze is  3339,99630  MHC 2233  Diperificación; fr	A faint extended emission knot either driven by the red source candidate GPS 438368016438 (which might be the same as IRAS 18346-0734 and Akari 3340923) or it is a bow shock heading East from the Glimpse source G024.6280-00.3175 with MHO 2284 being part of the
MHO 2287  MHO 2287  MHO 2287  MHO 2288  MHO 2287  MHO 2288  MHO 2288  MHO 2288  MHO 2288  MHO 2288  MHO 2288	MHO 2284	ACCIDENTIAL DESCRIPTION AND ACCIDENT AND SEASON AND SEA	MHO 2283 and driven by Glimpse G024.6280-00.3175, or driven by either the red source candidate GPS 438368016438 (which might be the same as IRAS 18346-0734 and Akari 3340923) or Bolocam
MHO 2287  MHO 2288  MHO 2288	MHO 2285	CONTRACTOR DESCRIPTION OF THE PROPERTY OF THE	source candidate GPS 438368016438 (which might be the same as IRAS 18346-0734 and Akari 3340923), Glimpse G024.6280-00.3175
MHO 2287a  Two faint diffuse emission knots with no apparent source.  w20100712_00380_z  MHO 2288	MHO 2286	W20100712 00380 W  MHO 2286a  MHO 22866  MHO 22866  MHO 22866  MHO 22866  MHO 22861  MHO 22861	
MHO 2288	MHO 2287	MHO 2287a	Two faint diffuse emission knots with no apparent source.
n no	MHO 2288	W20100712_00380_z  MHO 2288  /  N  10"	
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МНО	Table B1 – col	ntinued from previous page  Comments
WIIIO	Image	Comments
MHO 2289	W20100712_00380_z  MHO 2289	Two faint emission knots with no apparent source.
MHO 2290	W20100712_00380_z  G024.926-00.157  MHO 2290a  MHO 2290b  10"  MHO 2290c	A series of emission knots aligned South-East to North-West with the Bolocam source G024.926-00.157 along the axis.
MHO 2291	MO 2015  MO 2015  MO 2015	A series of faint emission knots aligned South-East to North-West with the very red source candidate GPS 438366899733.
MHO 2292	w20100712_00473_z  /  /  MHO 2252	Small jet with two bright knots either end with undetected source in the middle.
MHO 2293	W20100712_00523_2  MHO 2293	Extended emission knots possibly forming a bow shock heading North-West with no apparent source.
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МНО	Image	ntinued from previous page  Comments
MHO 2294	W20100712_00523_x  MHO 2294	Faint knot with no apparent source.
MHO 2295	W20100712_00523_x  MHO 2295	Faint knot with no apparent source.
MHO 2296	W20100712_523_z  MHO 2296	Faint knot with no apparent source.
MHO 2297	W20100712_00535_x  438361450423  N  DHO 2297	Two faint knots South East of the very red source GPS 438361450423.
MHO 2298	W20100713_00404_2  MHO 2298	Diffuse emission knot with no apparent source.  Continued on next page

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МНО	Image	Comments
MHO 2299	MHO 2295	Faint diffuse emission knots with no apparent source.
MHO 2436	MHO 2436	Extended diffuse, South East heading bow shock like emission with no apparent source.
MHO 2437	W20100713_00464_x  MHO 2437.	Extended diffuse, East heading bow shock like emission with no apparent source.
MHO 2438	W20100713 00416_y  MHO 2438a MHO 2438c  MHO 2438b	Three faint diffuse emission knots with no apparent source.
MHO 2439	MHO 24390  MHO 24390  MHO 24390	Two compact emission knots with no apparent source.  Continued on next page
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MIIO	Table B1 – continued from previous page		
МНО	Image	Comments	
MHO 2440	W20100713_00429_y  G028.0473-00_4562  MHO 24406	One compact knot and one diffuse emission knot aligned with the candidate source Glimpse G028.0473-00.4562.	
MHO 2441	MHÖ 2441a  GU27.97-0.47  MHÖ 2441b	Small jet aligned East West. Could be driven by Spitzer EGO G027.97-0.47 (which might be the same as Bolocam BGPS G27.969-0.474, or [RJS2006] MSXDC G027.94-00.47 MM1).	
MHO 2442	W20100713_00465_W  MHO 2442	A diffuse extended emission knot with no apparent source.	
MHO 2443	w20100713_00465_y  MHO 2443	Two knots, one compact and bright the other diffuse, with no apparent source.	
MHO 2444	W20100713-00465_2  MHO 2444  J184259.0-040802	Two bright compact knots. The position coincides with the maser and sub-mm source JCMTSF J184259.0-040802.	
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MHO		ntinued from previous page
МНО	Image	Comments
MHO 2445	AM6.4605.995	Diffuse faint emission knot North West of very red source candidate GPS 438646853052.
MHO 2446	W20100713_00503_W MHO 2446	Diffuse South East to North West elongated emission without apparent source.
MHO 2447	W20100713_00503_W  MHO 2447	Diffuse emission without apparent source.
MHO 2448	W20190713 000003 x	A series of knots and diffuse emission forming a jet which is aligned with the source Akari 3344177.
MHO 2449	W20100713_00503_X  MHO 2449	Two bright compact knots probably forming a South East to North West aligned jet with undetected source in the middle.
MHO 2450	W20100713_00503_x  MHO 2450a  MHO 2450b	A bright elongated knot and diffuse emission aligned with the source candidate Glimpse G028.3566+00.0694.
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МНО	Image	ntinued from previous page  Comments
141110	w20100713_00503_x	Comments
MHO 2451	MHO2451b	A series of knots aligned North East to South West with no apparent source.
MHO 2452	W20100713_00503_x  MHO 2452	Diffuse emission with West heading bow shock like appearance and no apparent source.
MHO 2453	W20100713_00503_X  MHO 2453a MHO 2453b  G028.3450400.628	A series of faint extended knots and diffuse emission aligned with the source candidate Glimpse G028.3450+00.0628.
MHO 2454	MHQ 2454b  MHQ 2454b  MHQ 2454b  N  107	A series of bright knots aligned with the very red candidate source GPS 438742594697.
MHO 2455	W20100713_00503_y  MHO 2455	A bright compact and elongated knot with no apparent source.
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w20100817 00079_y	shock like feature with no apparent
	shock like feature with no apparent
, MHO 3000.	
MHO 3200  Extended diffuse emission and bringlimpse source G20.9766+00.830	ight compact knots North West of the 67.
MHO 3201  Small faint jet like emission aligner G20.9766+00.8367.	ed with the candidate source Glimpse
	ninter extended emission knots which ated slightly S-shaped jet with unde-
MHO 3203  A faint elongated knot with no ap	parent source.
MHO 3204  MHO 3204  MHO 3204  A series of emission knots align source candidate GPS 438744307001	ed to the North East of the very red 7809.  Continued on next page

МНО	Image	ntinued from previous page  Comments
	w20100714_00625_z MHO 3205	
MHO 3205	438744300302 N 10 <sup>4</sup>	A series of knots East of very red source candidate GPS 438744300302.
MHO 3206	W20100714_00637_z  MHO 3206	A bright compact emission knot with no apparent source.
MHO 3207	w20100714_00637_z  MHO 3207	A bright elongated emission knot with no apparent source.
MHO 3208	W20100714_00637_z  MHO 3208	A faint diffuse emission knot with no apparent source.
MHO 3209	W20108714_00637_z  MHO 3209	Faint diffuse emission with no apparent source.
MHO 3210	W20100714_00649_z  MHO 3210  438744216219	Faint jet like emission knots South West of very red source candidate GPS 438744216219.
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MHO 3211  MHO 3212  A bright bow shock like emission feature and a series of knots forming a North East to South West orientated jet with no apparent source along the axis.  Series of faint emission knots with no apparent source.  Series of faint emission knots aligned North to South with undetected source along the axis.  Series of emission knots aligned North to South with undetected source along the axis.  MHO 3214  Series of emission knots forming a jet aligned with the very red source candidate GPS 438744199465.  A faint knot with no apparent source.  A series of bright compact knots North West of very red source candidate GPS 438753255942.	МНО	Image	ntinued from previous page  Comments
MHO 3213  Series of faint emission knots aligned North to South with undetected source along the axis.  Series of emission knots forming a jet aligned with the very red source candidate GPS 438744199465.  MHO 3215  MHO 3216  MHO 3216  A faint knot with no apparent source.  MHO 3216  A series of bright compact knots North West of very red source candidate.		(A) 1000 (A)	A bright bow shock like emission feature and a series of knots forming a North East to South West orientated jet with no apparent source along
MHO 3214  W20100714_00548_7  MHO 3215  MHO 3216  A series of bright compact knots North West of very red source candi-	MHO 3212	wzertoch4_0849_z	Series of faint emission knots with no apparent source.
MHO 3215  MHO 3215  A faint knot with no apparent source.  MHO 3216  MHO 3216  MHO 3216  MHO 3216  MHO 3216  A series of bright compact knots North West of very red source candi-	MHO 3213	W20100714 (006)3 3 8HO 30134 8HO 32138	
MHO 3215  MHO 3216  MHO 3216  MHO 3216  MHO 3216  MHO 3216  A series of bright compact knots North West of very red source candi-	MHO 3214	W20100714_00849 z  438744199465 MHO 32146  MHO 32146  MHO 32146	Series of emission knots forming a jet aligned with the very red source candidate GPS 438744199465.
MHO 3216b  MHO 3216a  A series of bright compact knots North West of very red source candi-	MHO 3215	MHO 3215 N	A faint knot with no apparent source.
438753255942  N  Continued on payt page	MHO 3216	MHO 3216b MHO 3216c MHO 3216a	date GPS 438753255942.
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MHO	Table B1 – continued from previous page	
МНО	Image	Comments
MHO 3217	MHO 3217a MHO 3217b MHO 3217c  438386549587  MHO 3217c  MHO 3217c	A series of bright and faint emission knots aligned North East to South West with the very red source candidate GPS 438386549587.
MHO 3218	W8010001, 00352.3:  M80 3216b  ARTIfact	A series of knots forming a jet North West of the very red source candidate GPS 438386550198.
MHO 3219	W20100615_00322_x MHO 3219a  Artifact MHO 3219b N  19"	A series of compact and diffuse emission knots aligned North East to South West in line with very red source candidate GPS 438386550198.
MHO 3220	MHO 3220a	A series of diffuse knots aligned South East to North West with no apparent source.
MHO 3221	W20100815_00346_W MHO 3221	An extended South heading bow shock like feature with no apparent source.  Continued on next page

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w	Image w20100816_00118_w •	
MHO 3222	MHO 3222	A small bright jet orientated South East to North West with undetected source in the middle.
MHO 3223	MHO 3223	Faint extended emission with no apparent source.
MHO 3224	w20100816_00131_w  MHO 3224	A faint elongated diffuse knot with no apparent source.
MHO 3225	MHÖ 3225	Faint North South elongated diffuse emission with no apparent source.
MHO 3226	MHO 3226	A bright compact knot with no apparent source.  Continued on next page

		ntinued from previous page
МНО	Image	Comments
MHO 3227	W20100616_00131_W  MRO 3227	Two faint compact knots, possibly a jet, with no apparent source.
MHO 3228	W2G100816_00157_2	Diffuse elongated emission with no apparent source.
MHO 3229	W20100817_00355_z MHO 3229	Faint diffuse emission with no apparent source.
MHO 3230	w20100816_00157_z	Faint very diffuse emission with no apparent source.
MHO 3231	W20190816_00157-z  MHO 3251a  MHO 3231b	Two bright knots and diffuse emission with no apparent source.  Continued on next page
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МНО	Image	Comments
MHO 3232	W20100816_00157_2  MHO 3282	A compact emission knot with no apparent source.
MHO 3233	W20100816_00169_z  MHO 3233	A compact emission knot with no apparent source.
MHO 3234	W20108816_00270_X  MHQ 3234	A compact emission knot with diffuse halo and no apparent source.
MHO 3235	w20100817_00203_z  MHO 3235a  MHO 3235b	A bright compact knot and diffuse emission and no apparent source.
MHO 3236	W20100817_00366_y  MHO 3236	A compact emission knot with no apparent source.
		Continued on next page

MHO 3237  MHO 3238  MHO 3238  MHO 3239  MHO 3240  MHO 3241	NATTO.		ntinued from previous page
MHO 3237  MHO 3238  MHO 3238  MHO 3240  MHO 3241  MHO 32	МНО	Image	Comments
MHO 3238  MHO 3238  Three knots, two compact one diffuse, with no apparent source.  A bright compact emission knot with no apparent source.  A large series of emission knots (from extended and bright to diffuse) aligned North East to South West with the very red source candidate GPS 438510698063.  MHO 3241  Two series of bright emission knots which might form a jet with unde-	MHO 3237	THE RESERVE OF THE PARTY OF THE	
MHO 3240  MHO 3240  MHO 3240  A large series of emission knots (from extended and bright to diffuse) aligned North East to South West with the very red source candidate GPS 438510698063.  MHO 3241  Two series of bright emission knots which might form a jet with unde-	MHO 3238	W20100817_00655_z  MHO 3238b  MHO 3238a	Three knots, two compact one diffuse, with no apparent source.
aligned North East to South West with the very red source candidate GPS 438510698063.  MHO 3241  Two series of bright emission knots which might form a jet with unde-	MHO 3239	w20100817_00355_2	A bright compact emission knot with no apparent source.
MHO 3241  Two series of bright emission knots which might form a jet with unde-	MHO 3240	MICO SEASO  MICO S	aligned North East to South West with the very red source candidate
Continued on next page	MHO 3241	MHO 3241a	tected source in the middle.
Continued on next page			Continued on next page

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МНО	Image	ntinued from previous page  Comments
MHO 3242	w20100818_00238_y  MHO 3242	A bright compact knot with no apparent source.
MHO 3243	W20100818-00238_y MHO 3243	A bright North West heading bow shock to the North West of the possible driving source Akari 3060635.
MHO 3244	W20100818-D0238-y MHO 3244	A number of diffuse emission knots without apparent source.
MHO 3246	W20100710_00478_y  MHO 3246	A small bright jet orientated South East to North West with undetected source in the middle.