

Country	Location	University	Contact	ITU Region	CRAF Member	Instruments delivered	Sent data a few	Sent data regularly	Instrument ID	Antenna
Algeria	not sure	Martin Cherub	snaitamor(at)yahoo.com	1	0	1	0	0	0 NA038	?
Algeria	not sure	Martin Cherub	snaitamor(at)yahoo.com	1	0	1	0	0	0 NA???	?
Australia	Perth	Michlmayr	hmichlmayr(at)bigpond.com	3	0	1	1	0	0 eC24	LPDA
Australia	Victoria	LMRO/Jeff	clinton.jeffrey(at)bigpond.com	3	0	1	1	1	1 eC23, NA005	LPDA
Austria	Michelbach	Lensch	oe3flb(at)gmx.at	1	0	1	1	1	1 self built, eC51 from Karl-Heinz	LPDA, 3-band dipole
Austria	Michelbach	ANTARES	oe3flb(at)gmx.at	1	0	1	1	1	1 NA024	LPDA
Austria	Graz	University	manuela.temmer(at)uni-graz.at	1	0	2	0	0	0 eC93, eC94	crossed LPDA
Belgium	Humain	ROB	christophe.marque(at)joma.be	1	1	2	1	1	1 eC09, eC14	Dish 6m
Brazil	Sao Jose dos Campos	INPE	bymebe(at)gmail.com	2	0	2	2	0	0 eC20, eC28	LPDA
Bulgaria	Rozhen	NAOB	kamen.kozarev(at)gmail.com	1	0	1	0	0	0 eC83	LPDA
China		SDScience	yaochen(at)sdu.edu.cn	3	0	4	0	0	0 NA020, NA021, NA022, NA023	?
Costa Rica	San Jose	CINESPA	frutos(at)fisica.ucr.ac.cr	2	0	1	1	1	0 eC02	Dish ?
Czech Republic	Ondrejov	OSRA	karel.jiricka(at)asu.cas.cz	1	1	1	1	1	1 eC13	Dish 7m
Denmark	Copenhagen	DTU	kleer(at)space.dtu.dk	1	0	1	1	1	1 NA028	LWA
Denmark	Copenhagen	DTU/NSIE	kleer(at)space.dtu.dk	1	0	1	1	1	1 NA039	LWA
Denmark	Greenland	DTU/NSIE	kleer(at)space.dtu.dk	1	0	1	0	1	1 eC88	LWA
Denmark	Greenland	DTU/NSIE	kleer(at)space.dtu.dk	1	0	1	0	1	1 eC89	LWA
Egypt	Cairo	SWMC	ayman.mahrous(at)gmail.com	1	0	1	1	1	0 eC31	LPDA
Ethiopia	Addis Ababa	CNS	legesewk(at)gmail.com	1	0	1	0	0	0 eC03	LPDA
Ethiopia	Mekelle	CNCS	ggabraham(at)yahoo.com.hk	1	0	1	1	0	0 CR-RBT (NA-version) + LNA21	LPDA
Finland	Metsähovi	MRO	juha.kallunki(at)jaalto.fi	1	1	2	2	2	2 eC34, eC35	LPDA
France	Essen	LPCE/CNRS	nil	1	0	1	0	0	0 NA035	?
Germany	Essen	Plessmann	doi1ja(at)gmx.de	1	0	1	1	1	1 FA	BICONE
Germany	Hammingen	DRAC/Karl-Heinz	Karl-Heinz.Ganse(at)it-online.de	1	0	2	2	2	2 NA007	LPDA
Germany	Heidelberg	ERAC	eucar(at)astropeiler.de	1	0	1	0	0	0 eC27	?
India	Gaunbidanur	IA	khariharan(at)iap.res.in	3	0	1	1	1	1 eC16	LPDA
India	Nashik	KTHM	pswamane(at)yahoo.com	3	0	1	0	0	0 eC67	?
India	Ooty	NCRA-TIFR	mano.rac(at)gmail.com	3	0	2	2	2	2 eC10, eC11	LPDA
India	Pune	NCRA	saskumaraj(at)gmail.com	3	0	1	1	1	1 eC47	LPDA
India	Ahmedabad/Gujara	Rajmal Jain	rajmal_9(at)yahoo.com	3	0	1	1	1	1 eC91	?
India	Sangli/Maharashtra	KWC	shettid2002(at)yahoo.co.in	3	0	1	1	1	1 eC46	?
Indonesia	Bandung	LAPAN	timbul.manik(at)lapan.go.id	3	0	2	1	1	0 eC59	LPDA
Ireland	Birr	TCD	Peter.Gallagher(at)tcd.ie	1	1	5	5	5	5 eC63, eC64, eC32, eC36	LPDA, Bicone, Inverted-V
Italy	Turin		francione27(at)hotmail.it	1	1	1	0	0	0 eC53	LPDA
Italy	Trieste	INAF	marassi(at)oa.tsi.inaf.it	1	0	3	2	2	2 eC52, eC58, eC60	LPDA
Japan	Ibaraki Prefecture	Ibaraki University	satoshi.nozawa.ii(at)vc.ibaraki.ac.jp	3	0	1	0	0	0 eC78	LPDA
Japan		ATI, Hosei U	nil	3	0	4	0	0	0 NA010, NA011, NA036, NA037	?
Kazakhstan	Almaty	TSAO	artyak40(at)mail.ru	1	0	2	2	2	2 eC38, eC77	LPDA
Kenya	Nairobi	UON	kaduki(at)uonbi.ac.ke	1	0	1	1	0	0 eC49	LPDA
Malaysia	Banting	ANGKASA	azam.zavvari(at)gmail.com	3	0	9	1	1	1 eC54, eC55, eC72, eC73, eC30, eC42, eC43, eC79, eC80	LPDA
Mauritius	Poste de Flacq	MRT	gkbl(at)uom.ac.mu	1	0	3	3	3	3 eC15, eC39, eC40,	LPDA
Mexico	Mexico	UNAM	alara(at)geofisica.unam.mx	2	0	1	1	1	1 eC06,	LPDA
Mexico		MEXART	vdelaaluz(at)geofisica.unam.mx	2	0	2	0	0	0 NA019, NA034	LPDA
Mongolia	Ulaan Baatar	RCAG	batmunkh(at)iag.ac.mn	1	0	2	2	1	1 eC17, eC41,	LPDA
New Zealand	Auckland	WARKWRTH	stuart.weston(at)aut.ac.nz	3	0	1	0	0	0 eC95	{TBD}
Pakistan	Karachi	SUPARCO	muneezamal(at)gmail.com	3	0	2	1	0	0 NA030, NA031	LPDA
Peru	Lima	CONIDA	jabarg1(at)gmail.com	2	0	2	2	2	0 NA006, NA018	LPDA
Russian Federation	Badary/Siberia	SSRT	svlesovoi(at)gmail.com	1	0	1	1	1	1 eC45	LPDA
Rwanda	Kigali	UOR	mahorojpacis(at)gmail.com	1	0	1	1	1	1 eC74	LPDA
Slovakia	Hurbanovo	SCO	ivand96(at)gmail.com	1	0	1	1	1	1 eC50	LPDA
Slovakia	Roztoky	Baludansky	bdaniel(at)post.sk	1	0	1	1	1	0 eC66	LPDA
South Africa	Hermanus	SANSA	jward(at)sansa.org.za	1	0	1	1	0	0 eC75	LPDA
South Africa		DUT	nil	1	0	1	0	0	0 NA026	LPDA
South Korea	Daejeon	KASI	kscho(at)kasi.re.kr	3	0	2	1	1	1 eC07, eC08,	LPDA
Spain	Cartagena	UOC	jose.gomez(at)upct.es	1	0	2	0	0	0 eC86, eC87	?
Spain	Peralejos	ALCALA	andres.rusu(at)edu.uah.es	1	0	3	3	3	3 eC57, eC68, NA032	LPDA
Sri Lanka	Katubedda	ACCI	adassuriya(at)gmail.com	3	0	1	1	1	1 eC48	LPDA
Switzerland	Bleien/Zurich	ETHZ	monstein(at)astro.phys.ethz.ch	1	1	10	8	8	8 eC01, eC05, eC12, eC21, eC25, eC37, eC04, tbd	2 x Dish 5m, LWA
Switzerland	Wattwil	Kanti	urheeb(at)bluewin.ch	1	0	1	1	1	1 eC71	LWA
Switzerland	Heiterswil	Kanti	pascal95_keller(at)hotmail.com	1	0	1	0	0	0 eC85	LWA
Taiwan		Huang, NCU-ISS	d949001(at)gm.astro.ncu.edu.tw	3	0	1	1	1	0 NA016	?
Thailand	Ubong-U		nil	3	0	1	0	0	0 NA025	?
Thailand	Chiang Mai	National Astronomic	nphiii(at)gmail.com	3	0	1	0	0	0 NA045	?
Turkey		Ounal	OUNAL(at)aci.k12.tr	1	0	1	0	0	0 NA015	?
Ukraine	Simpferopol	KRIM	yurovyy(at)yandex.ru	1	0	1	1	1	1 eC44	16 Yagi-Array
United Kingdom	Glasgow	UOG	a.mackinnon(at)educ.gla.ac.uk	1	0	1	1	1	1 eC61	LPDA
United Kingdom		Paul Hyde	g4csd(at)yahoo.co.uk	1	0	1	0	0	0 NA003	?
United Kingdom		David James	nil	1	0	1	0	0	0 NA017	?
United Kingdom	Cambridge	Harry Smith	H.Smith(at)skatelescope.org	1	1	1	0	0	0 eC90	?
Uruguay	Montevideo	OALM	sroland(at)joalm.gub.uy	2	0	1	0	0	0 eC81	LPDA
Uruguay	Minas de Corrales	BINGO team	manuelcaldas(at)hotmail.com	2	0	1	0	0	0 eC92	LPDA
USA	Anchorage	Reeve	whitreeve(at)gmail.com	2	0	3	1	1	1 NA001, NA002, NA008	LPDA, LWA
USA	Arizona	Fobes	nil	2	0	1	0	0	0 NA029	?
USA	Hawaii	WHGDN	nil	2	0	3	1	0	0 eC29	?
USA	Hawaii	University	jdorough(at)hawaii.edu	2	0	1	0	0	0 NA009	?
USA	Maryland	Don Williams, OSI	nil	2	0	1	0	0	0 NA004	?
USA	New York	Martin Pepe	mjpastro(at)joal.com	2	0	2	0	0	0 NA012, NA013	?
USA	Roswell/NM	Nelson	stannelson(at)cableone.net	2	0	3	3	3	3 NA014, NA027, NA033	LPDA vertical+sun track, LWA
USA	Texas	Martin Cherub	proc.pmm(at)gmail.com	2	0	1	0	0	0 NA040	?
USA	Tennessee	Chuck Higgins	Chuck.Higgins(at)mts.u.edu	2	0	2	2	2	2 NA041, NA042	?
USA	Cohoe	Whitham Reeve	whitreeve(at)gmail.com	2	0	2	0	0	0 NA043, NA044	crossed LPDA
<b>Totals:</b>					<b>7</b>	<b>137</b>	<b>74</b>	<b>60</b>		

circular, Yagi vertical pol.