

Present status of the SCAR GPS Database

www.tu-dresden.de/ipg/Aktuell-Dienste/scargps/database.html

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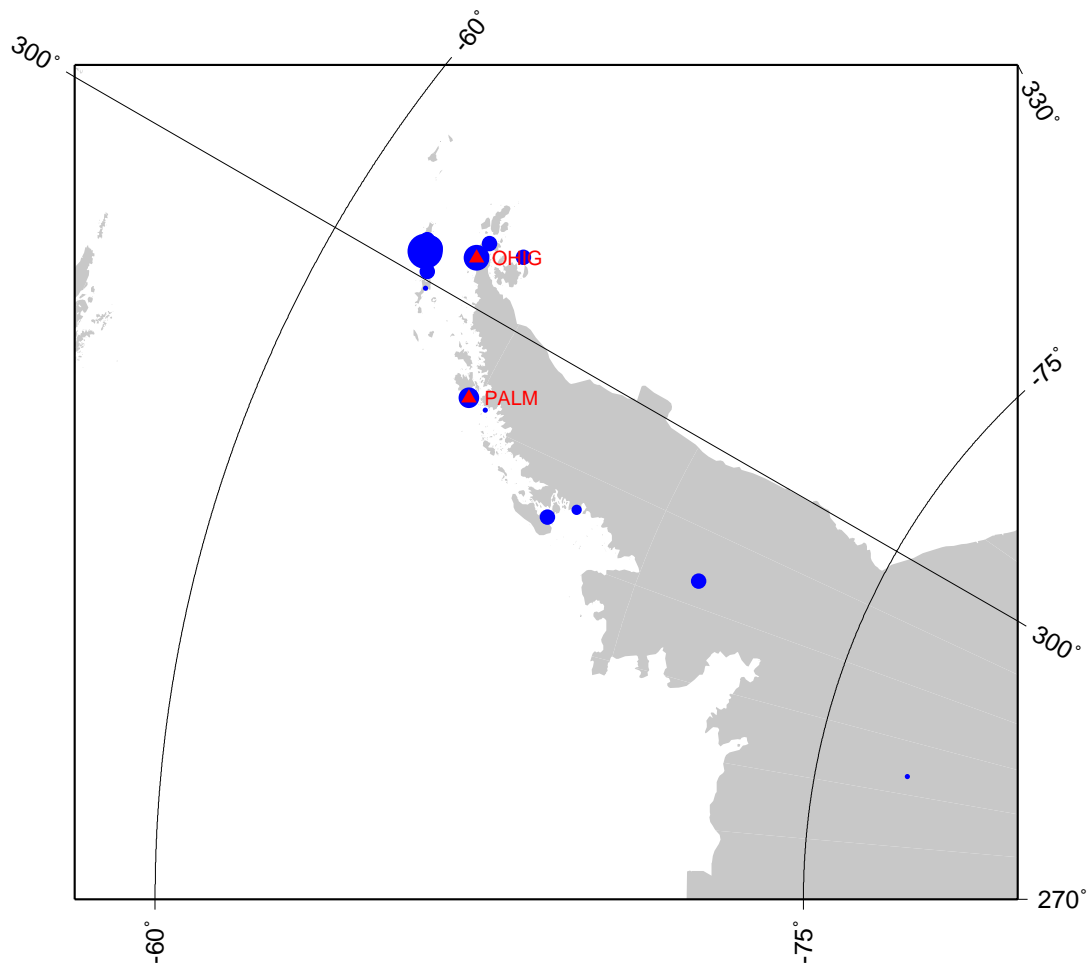
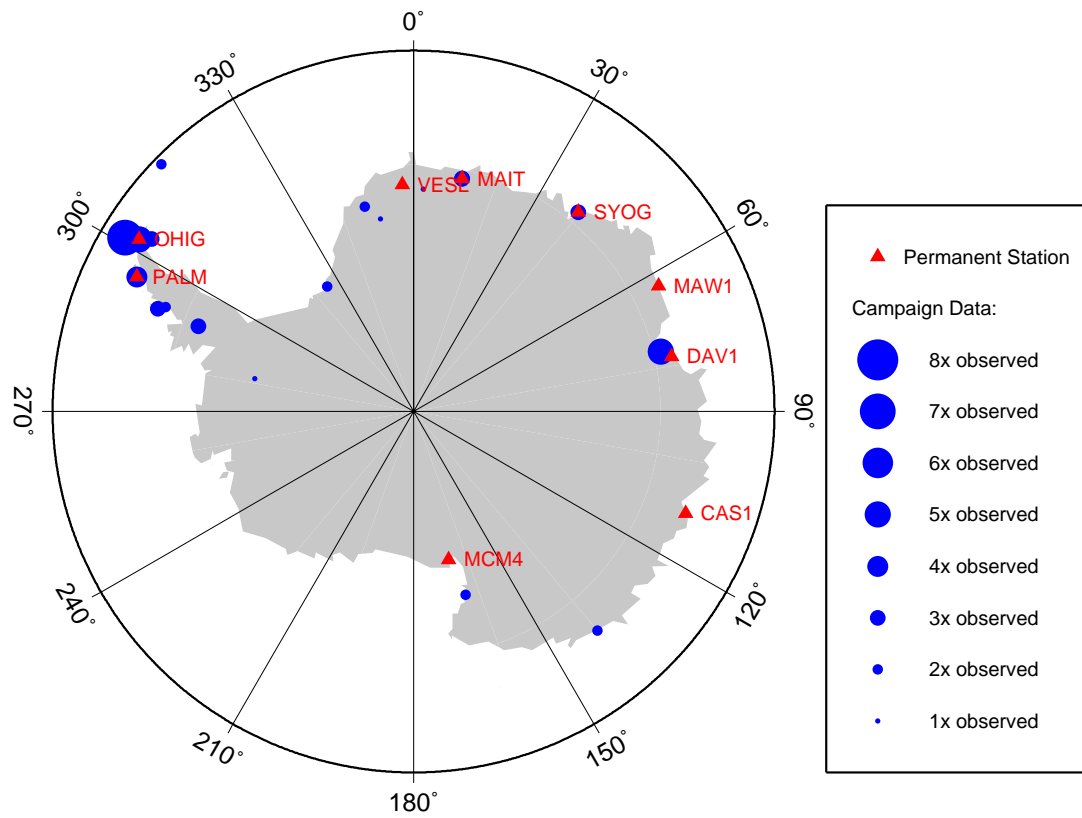
Technische Universität Dresden, Germany

**SCAR ANTARCTIC GEODESY SYMPOSIUM (AGS'02)
ON REGIONAL GEODETIC NETWORKS
Wellington, New Zealand, 25-27th November 2002**

SCAR GPS Campaigns: Participation (I)

ID	DOMES	Station name	Station owner	95	96	97	98	99	00	01	02
ARCT	ARCT 66016M001	Arctowski	Poland					x	x	x	
ART1	ART1 66017M001	Base Artigas	Uruguay	x	x	x	x	x		x	x
BEL1	BEL1 66018M001	Belgrano II	Argentina	x							
BELG	BELG 66018M002	Belgrano ASH	Argentina				x				
CAS1	CAS1 66011M001	Casey	Australia	x	x	x	x	x	x		
DAL1	DAL1 66019M001	Dallmann	Argentina/ Germany	x	x	x	x				
DALL	DALL 66019M002	Dallmann II	Argentina/ Germany				x	x			
DAV1	DAV1 66010M001	Davis	Australia	x		x	x	x	x		
DUM1	DUM1 66020M001	Dumont d'Urville	France	x	x						
ELE1	ELE1 66021M001	Elephant Island/ Gibbs Island		x			x				
ESP1	ESP1 66022M001	Esperanza	Argentina	x	x		x				
FERR	FERR 66015M001	Ferraz	Brazil					x	x		x
FOR1	FOR1 66023M001	Forster	(Germany)	x			x			x	
FOR2	FOR2 66023M002	Forster II	(Germany)		x					x	
FOS1	FOS1 66024M001	Fossil Bluff	U.K.	x	x		x				
GRW1	GRW1 66012M001	Great Wall	China	x		x	x	x	x	x	x
GRY1	GRY1	Grytviken	U.K.				x				
HAAG	HAAG 66025M001	Haag Nunatak	U.K.		x						
KERG	KERG 91201M002	Kerguelen	France	x	x	x	x	x	x		
KOH1	KOH1 66026M001	Kliment Ohridski	Bulgaria				x				
KOTA	KOTA 66027M001	Kottas Berge	Germany				x				
MAC1	MAC1 50135M001	MacQuarie	Australia	x	x	x	x	x	x		
MAIT	MAIT 66028M001	Maitri	India				x	x	x	x	x
MAR1	MAR1 66029M001	Marambio	Argentina	x	x		x				
MAW1	MAW1 66004M001	Mawson	New Zealand	x			x	x			
MCM4	MCM4 66001M003	McMurdo	U.S.A.	x	x	x	x	x	x		
OHIG	OHIG 66008M001	O'Higgins	Chile/ Germany		x	x	x	x	x		
OHG1	OHG1 66008M003	O'Higgins	Chile/ Germany	x	x	x	x				
PAL1	PAL1 66005M001	Palmer	U.S.A.	x	x		x				
PALM	PALM 66005M002	Palmer ASH	U.S.A.				x	x			
PET1	PET1 66032M001	Peter I					x				
PRA1	PRA1 66033M001	Arturo Prat	Chile	x	x		x				
ROT1	ROTA 66007M001	Rothera	U.K.	x	x		x				
SIG1	SIG1 30607M001	Signy Island	U.K.	x			x				
SMR1	SMR1 66034M001	San Martin	Argentina	x			x				
SPR1	SPR1 66035M001	Punta Spring	Chile	x			x				
SYO1	SYO1	Syowa	Japan	x							
SYOG	SYOG 66006S002	Syowa RG	Japan		x			x			
TNB1	TNB1 66036M001	Terra Nova Bay	Italy		x		x	x			
TROL	TROL 66037M001	Troll	Norway			x					
VER1	VER1 66038M001	Vernadsky	Ukraine				x				
VESL	VESL 66009M001	Sanae	South Africa				x	x			
WASA	WASA 66039M001	Wasa	Sweden			x			x		
ZSS4	ZHON 66030M001	Zhong Shang	China			x	x	x	x	x	

SCAR GPS Campaigns: Participation (II)



SCAR GPS Campaigns: ITRF2000 Solution (Altamimi, 2002)

Station name	X [m]	Y [m]	Z [m]	v_X [mm]	v_Y [mm]	v_Z [mm]
ART1 66017M001	1541244.8804	-2555205.1061	-5618168.9943	13.3	-8.7	7.4
BEL1 66018M001	1105999.5362	-763743.1799	-6214256.1147	21.3	-0.2	-31.7
BELG 66018M002	1106002.2977	-763742.2090	-6214255.8014	21.3	-0.2	-31.7
CAS1 66011M001	-901776.1617	2409383.4187	-5816748.4196	0.1	-7.7	-7.3
DAL1 66019M001	1548376.2484	-2544409.3161	-5621096.3554	13.6	-7.5	4.9
DALL 66019M002	1549109.8420	-2544290.0568	-5620947.1822	13.6	-7.5	4.9
DAV1 66010M001	486854.5477	2285099.3019	-5914955.6832	0.8	-3.2	-5.7
DUM1 91501M001	-1940883.7791	1628483.3531	-5833718.0175	-1.5	-13.9	-2.4
ELE1 66021M001	1723594.8003	-2520204.0306	-5581225.2206	12.8	-7.7	4.6
ESP1 66022M001	1560034.3767	-2401882.7248	-5679859.9970	19.1	-3.3	-4.8
FOR1 66023M001	2061522.3573	431615.7175	-6000314.4990	8.1	0.8	-5.6
FOR2 66023M002	2061809.1388	432116.1152	-6000155.3574	8.1	0.8	-5.6
FOS1 66024M001	757185.4670	-1904739.7270	-6019724.3107	15.8	-4.8	2.7
GOUG 30608M001	4795578.5410	-835299.5370	-4107634.0647	14.0	18.1	15.2
GRW1 66012M001	1536965.6501	-2554125.2502	-5619825.2676	16.6	-10.8	0.9
KERG 91201M002	1406337.3357	3918161.0996	-4816167.3549	-5.3	2.8	-5.8
MAIT 66028M001	2063437.6463	428659.4380	-5999849.1166	8.1	0.8	-5.6
MAR1 66029M001	1527541.6468	-2321657.4747	-5721839.9756	17.6	-3.7	-6.1
MAW1 66004M001	1111287.1660	2168911.2787	-5874493.5948	1.4	-2.3	-3.6
MCMU 66001M003 B	-1311703.2498	310815.1042	-6213255.1246	8.8	-12.0	-3.3
MON1 42301M001	2909132.9887	-4355451.2509	-3627801.3060	3.2	-5.7	8.5
NOT1 66031M001	1451912.1204	-2436397.9268	-5693758.6311	17.1	-4.5	-3.5
OHG1 66008M003	1525852.2494	-2432401.8360	-5676185.0061	19.3	-3.7	-3.9
OHIG 66008M001	1525872.4801	-2432481.3040	-5676146.0816	19.3	-3.7	-3.9
PAL1 66005M001	1192924.6603	-2450915.5819	-5747042.5510	16.5	-5.2	2.9
PALM 66005M002	1192671.7725	-2450887.5812	-5747096.0449	16.5	-5.2	2.9
PRA1 66033M001	1493161.9747	-2550156.7342	-5633379.0772	14.0	-10.6	2.1
PUN1 41718M001	1239165.3867	-3582438.9125	-5112279.2285	10.3	-3.8	3.5
RIOZ 41507M003	1429883.0356	-3495363.3124	-5122698.7699	7.9	-10.2	2.8
ROT1 66007M001	909255.1005	-2264721.3343	-5873063.0174	15.4	-2.5	2.0
SIG1 30607M001	2189251.3766	-2235016.4127	-5539523.6429	14.1	-2.6	0.8
SMR1 66034M001	927077.5077	-2195046.5033	-5896519.2639	16.0	-4.9	3.9
SPR1 66035M001	1342651.5903	-2427390.4579	-5724115.4923	16.3	-4.6	-1.4
SYOG 66006S002	1766207.8409	1460290.3502	-5932297.6797	3.8	-1.5	-1.5
TNB1 66036M001	-1623858.4728	462478.1939	-6130048.9421	5.8	-12.4	-12.2
VESL 66009M001	2009329.7131	-99741.4738	-6033158.4722	10.2	1.8	4.8
ZHON 66030M001	531102.2103	2190269.9476	-5946719.1420	-0.9	-2.0	5.6

TU Dresden

Institut für Planetare Geodäsie

Announcement of Participation

SCAR 2003 Epoch GPS Campaign

The SCAR Geoscience Standing Scientific Group ([GSSG](#)) with its program Geodetic Infrastructure for Antarctica ([GIANT](#)) announces the opportunity of participation in the SCAR 2003 Epoch GPS Campaign:

- 24 hours continuous observations from January 20, 2003, 00:00 UTC to February 10, 2003, 24:00 UTC,
- sampling rate: 15s,
- elevation mask: 5 degrees (if possible, 0 degrees favoured).

For the documentation of the observations, please use the new site information form. This form is equivalent to the form used by the International GPS Service (IGS). Examples for the site information form can be found at the [IGS](#) webpage. If possible, please attach a photo or rubbing of the observing monument.

The form can be found [here](#).

If you have any questions please contact the [database manager](#) .



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