

# Ingo Wants to Know!

Alexander Wiese

**TELE-satellite readers already know who Ingo Salomon is.** He was the "cover boy" of our 11/2006 issue: the guy with the five-meter dish. We wanted to know how he was doing so we decided to pay him a visit in Stilfontein. It's a small town near Potchefstroom, a small city in the North West province about 150 km from Johannesburg.

Ingo grew up in Germany near Hamburg and watched as over the years his family members one-by-one moved to other parts of the world. An uncle of his emigrated to South Africa and Ingo also had it in mind to go there someday. That day came in 1992. "In the beginning it was hard", and since the relationship with his uncle was steadily getting worse, he felt it was nearly time to change jobs. In 1998 he moved to Stilfontein

and eventually bought a house there in 2001. "Where else would it be so easy to buy your own home other than in South Africa?"

In 2003 he acquired a 1.8-meter solid satellite antenna for ARABSAT reception at which point he became infected with a virus: the DXer virus! Back then he tuned into the 24-hour MBC2 movie channel on ARABSAT that today can no longer be received in

South Africa. The virus was getting stronger and stronger: only six months later he bought himself a 2.4-meter antenna that he modified by adding an actuator motor. When he got his hands on his first issue of TELE-satellite in 2003, the DXer sickness had reached its high point. There was no stopping it. "Every three months I had to get a new dish", remembered Ingo about those early satellite DXer days.

Today his hobby has also become his job. On the weekends he installs satellite antennas for the reception of the RTS1 and Senegal 2 channels from Senegal as well as the French channel Direct8 all of which are on EUTELSAT W3A at 7° east. Why do customers want these specific channels? Ingo explains how it started: "I was nosy. One day I saw a 2.2-meter dish on the roof of a house. I rang the doorbell and asked what channels they were receiving with

▼ Ingo Salomon on the roof of his house in South Africa. Six dishes are installed here. An additional mesh antenna can be seen in the foreground.





▲ Ingo proudly displays this SatcoDX Scan Station sign on a fence in front of his house.

it." He quickly found out that there were people from Senegal living there watching TV from their homeland. One thing led to another, this doorbell button gave him access to the Senegalese community living in South Africa and through word-of-mouth he became the most asked for specialist regarding the installation of one-meter antennas for the reception of this satellite.

For him it is a piece of cake to erect a satellite system for this satellite since his

Two PC's operate around-the-clock and scan up to eight satellites keeping the SatcoDX channel ▲ lists up to date. Ingo was the first to discover the channel package on the South African beam of HELLAS SAT 2 at 39° east.

experience as a DXer taught him many different tricks.

In the Spring of 2006 he started operating an AutoScan station for SatcoDX. Since that time he has been scanning multiple satellites for the worldwide satellite list. He is proud to be a leading satellite DXer. He is always experimenting with his antennas. With his expertise in hydraulic systems, he is always looking to develop new ways to move his antennas. He can raise and lower

his five-meter antenna mast hydraulically; it is almost certainly a one-of-a-kind construction.

Ingo can no longer be saved. The DXer virus is far too deeply embedded in him. TELE-satellite and SatcoDX couldn't be happier about this!

▼ An open ball bearing decreases the play of the actuator arm. Ingo is always coming up with ideas to improve performance.


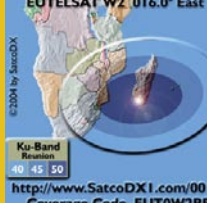







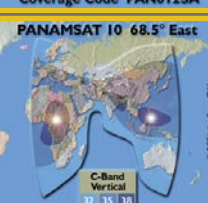



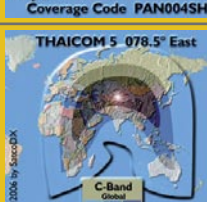








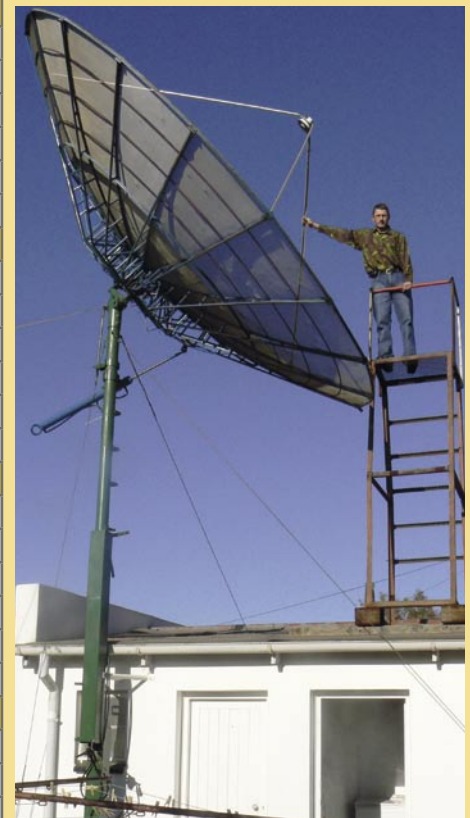
▲ This is what it looks like in the back of his house. Ingo is standing in the middle of his antenna farm.



Absolutely essential while turning the antenna is a positioning guide such ▲ as this metal plate with numerous position notations.

# Satellite Beams Covering Johannesburg/South Africa

<b>Satellite</b>	<b>EUTELSAT W3A 007.0° East</b> 	<b>Eutelsat W3A</b>	<b>EUTELSAT W2 016.0° East</b> 	<b>Eutelsat W2</b>	<b>BADR-C 026.0° East</b> 	<b>BADR-2,3,4</b>
<b>Position</b>	07.0 east	07.0 east	16.0 east	16.0 east	26.0 east	26.0 east
<b>Band</b>	KU	KU	KU	KU	C-Band	C-Band
<b>Beam</b>	EUTW3AAB	EUTW2RE	EUTW2RE	EUTW2RE	BADROCC	BADROCC
<b>Dish size</b>	1.0m	1.0m	1.0m	1.0m	1.8-2.4m	1.8-2.4m
<b>FTA-TV</b>	7-8	2-4	2-4	2-4	35	35
<b>Language</b>	<a href="http://www.SatcoDX1.com/0070">http://www.SatcoDX1.com/0070</a> Coverage Code EUTW3AAB	<a href="http://www.SatcoDX1.com/0016">http://www.SatcoDX1.com/0016</a> Coverage Code EUTW2RE	<a href="http://www.SatcoDX1.com/0016">http://www.SatcoDX1.com/0016</a> Coverage Code EUTW2RE	<a href="http://www.SatcoDX1.com/0016">http://www.SatcoDX1.com/0016</a> Coverage Code EUTW2RE	<a href="http://www.SatcoDX2.com/0260">http://www.SatcoDX2.com/0260</a> Coverage Code BADROCC	Arabic/English
<b>Satellite</b>	<b>INTELSAT 802 033.0° East</b> 	<b>Intelsat 802</b>	<b>EUTELSAT W4 036.0° East</b> 	<b>Eutelsat W4</b>	<b>HELLAS SAT 2 039.0° East</b> 	<b>Hellas Sat 2</b>
<b>Position</b>	33.0 east	33.0 east	36.0 east	36.0 east	39.0 east	39.0 east
<b>Band</b>	KU	KU	KU	KU	KU	KU
<b>Beam</b>			EUTW4AF	EUTW4AF		
<b>Dish size</b>	1.0m	1.0m	1.0m	1.0m	1.0m	1.0m
<b>FTA-TV</b>	1-2	1-2	2-4	2-4	8-12	8-12
<b>Language</b>	<a href="http://www.SatcoDX2.com/0331">http://www.SatcoDX2.com/0331</a> Coverage Code INT802WH	<a href="http://www.SatcoDX2.com/0331">http://www.SatcoDX2.com/0331</a> Coverage Code INT802WH	<a href="http://www.SatcoDX2.com/0360">http://www.SatcoDX2.com/0360</a> Coverage Code EUTW4AF	<a href="http://www.SatcoDX2.com/0360">http://www.SatcoDX2.com/0360</a> Coverage Code EUTW4AF	<a href="http://www.SatcoDX2.com/0390">http://www.SatcoDX2.com/0390</a> Coverage Code HEL002S1	English
<b>Satellite</b>	<b>PANAMSAT 12 045.0° East</b> 	<b>Intelsat 12</b>	<b>INTELSAT 906 064.0° East</b> 	<b>Intelsat 906</b>	<b>PANAMSAT 7 68.5° East</b> 	<b>Intelsat 7,10</b>
<b>Position</b>	45.0 east	45.0 east	64.0 east	64.0 east	68.5 east	68.5 east
<b>Band</b>	KU	KU	C-Band	C-Band	KU	KU
<b>Beam</b>	PAN012SA	PAN012SA	INT906WH	INT906WH	PAN007SA	PAN007SA
<b>Dish size</b>	1.0m	1.0m	2.2-3.1m	2.2-3.1m	1.0m	1.0m
<b>FTA-TV</b>	2-4	2-4	13	13	25	25
<b>Language</b>	<a href="http://www.SatcoDX3.com/0450">http://www.SatcoDX3.com/0450</a> Coverage Code PAN012SA	<a href="http://www.SatcoDX3.com/0450">http://www.SatcoDX3.com/0450</a> Coverage Code PAN012SA	<a href="http://www.SatcoDX3.com/0640">http://www.SatcoDX3.com/0640</a> Coverage Code INT906WH	<a href="http://www.SatcoDX3.com/0640">http://www.SatcoDX3.com/0640</a> Coverage Code INT906WH	<a href="http://www.SatcoDX3.com/0685">http://www.SatcoDX3.com/0685</a> Coverage Code PAN007SA	English
<b>Satellite</b>	<b>PANAMSAT 10 68.5° East</b> 	<b>Intelsat 7,10</b>	<b>PANAMSAT 4 072.0° East</b> 	<b>Intelsat 4</b>	<b>PANAMSAT 4 072.0° East</b> 	<b>Intelsat 4</b>
<b>Position</b>	68.5 east	68.5 east	72.0 east	72.0 east	72.0 east	72.0 east
<b>Band</b>	C-Band	C-Band	KU	KU	C-Band	C-Band
<b>Beam</b>	PAN010CV	PAN010CV	PAN004SH	PAN004SH	PAN004SH	PAN004SH
<b>Dish size</b>	1.8m	1.8m	1.0m	1.0m	1.8m	1.8m
<b>FTA-TV</b>	46	46	2	2	4	4
<b>Language</b>	<a href="http://www.SatcoDX3.com/0685">http://www.SatcoDX3.com/0685</a> Coverage Code PAN010CV	English/Hindi/Urdu/Japan	<a href="http://www.SatcoDX3.com/0720">http://www.SatcoDX3.com/0720</a> Coverage Code PAN004SH	<a href="http://www.SatcoDX3.com/0720">http://www.SatcoDX3.com/0720</a> Coverage Code PAN004SH	<a href="http://www.SatcoDX3.com/0720">http://www.SatcoDX3.com/0720</a> Coverage Code PAN004SH	French
<b>Satellite</b>	<b>TELSTAR 10 076.5° East</b> 	<b>Telstar 10</b>	<b>THAICOM 5 078.5° East</b> 	<b>Taicom 2,5</b>		
<b>Position</b>	76.5 east	76.5 east	78.5 east	78.5 east		
<b>Band</b>	C-Band	C-Band	C-Band	C-Band		
<b>Beam</b>	TEL010CG	TEL010CG	THA005CG	THA005CG		
<b>Dish size</b>	1.8m	1.8m	1.8m	1.8m		
<b>FTA-TV</b>	18	18	30	30		
<b>Language</b>	<a href="http://www.SatcoDX3.com/0765">http://www.SatcoDX3.com/0765</a> Coverage Code TEL010CG	Eng/Greek/Nepali/Bangla	<a href="http://www.SatcoDX5.com/0785">http://www.SatcoDX5.com/0785</a> Coverage Code THA005GL	<a href="http://www.SatcoDX5.com/0785">http://www.SatcoDX5.com/0785</a> Coverage Code THA005GL	English/Dutch/Urdu/Hindi	
<b>Satellite</b>	<b>INTELSAT 903 325.5° East</b> 	<b>Intelsat 903</b>	<b>INTELSAT 801 328.5° East</b> 	<b>Intelsat 801</b>		
<b>Position</b>	34.5 west	34.5 west	31.5 west	31.5 west		
<b>Band</b>	C-Band	C-Band	C-Band	C-Band		
<b>Beam</b>	INT903ZE	INT903ZE	INT801EH	INT801EH		
<b>Dish size</b>	2.4m	2.4m	2.2m	2.2m		
<b>FTA-TV</b>	1	1	2	2		
<b>Language</b>	<a href="http://www.SatcoDX9.com/3255">http://www.SatcoDX9.com/3255</a> Coverage Code INT903ZE	French	<a href="http://www.SatcoDX9.com/3285">http://www.SatcoDX9.com/3285</a> Coverage Code INT801EH	<a href="http://www.SatcoDX9.com/3285">http://www.SatcoDX9.com/3285</a> Coverage Code INT801EH	French	
<b>Satellite</b>	<b>NSS-7 338.0° East</b> 	<b>NSS 7</b>	<b>TELSTAR 12 345.0° East</b> 	<b>Telstar 12</b>		
<b>Position</b>	22.0 west	22.0 west	15.0 west	15.0 west		
<b>Band</b>	C-Band	C-Band	KU	KU		
<b>Beam</b>	NSS007EH	NSS007EH				
<b>Dish size</b>	2.2m	2.2m	1.0m	1.0m		
<b>FTA-TV</b>	23	23	17	17		
<b>Language</b>	<a href="http://www.SatcoDX9.com/3380">http://www.SatcoDX9.com/3380</a> Coverage Code NSS007EH	English/French/Arabic	<a href="http://www.SatcoDX9.com/3450">http://www.SatcoDX9.com/3450</a> Coverage Code TES012ES	<a href="http://www.SatcoDX9.com/3450">http://www.SatcoDX9.com/3450</a> Coverage Code TES012ES	English/Chinese	
<b>Satellite</b>	<b>ATLANTIC BIRD 3 355.0° East</b> 	<b>Atlantic Bird 3</b>	<b>INTELSAT 10-02 359.0° East</b> 	<b>Intelsat 10-02</b>		
<b>Position</b>	05.0 west	05.0 west	01.0 west	01.0 west		
<b>Band</b>	C-Band	C-Band	C-Band	C-Band		
<b>Beam</b>	EUTAB3TA	EUTAB3TA	INT1002G	INT1002G		
<b>Dish size</b>	1.8m	1.8m	1.8m	1.8m		
<b>FTA-TV</b>	18	18	5-11	5-11		
<b>Language</b>	<a href="http://www.SatcoDX9.com/3550">http://www.SatcoDX9.com/3550</a> Coverage Code EUTAB3TA	Eng/German/Arabic/French	<a href="http://www.SatcoDX9.com/3590">http://www.SatcoDX9.com/3590</a> Coverage Code INT1002G	<a href="http://www.SatcoDX9.com/3590">http://www.SatcoDX9.com/3590</a> Coverage Code INT1002G	English/French/Arabic	



▲ Compiled by Ingo Salomon from Stilfontein, SatcoDX AutoScan Station Johannesburg, South Africa

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