

# Rohde & Schwarz

## 75 Years of HF Experience

**Andreas Reinecke**  
Head of Sales  
Radiocommunications Systems Division

**Robert Träger**  
Head of R&D  
Tactical Radios, HF Radios

**75** Years of  
Driving  
Innovation

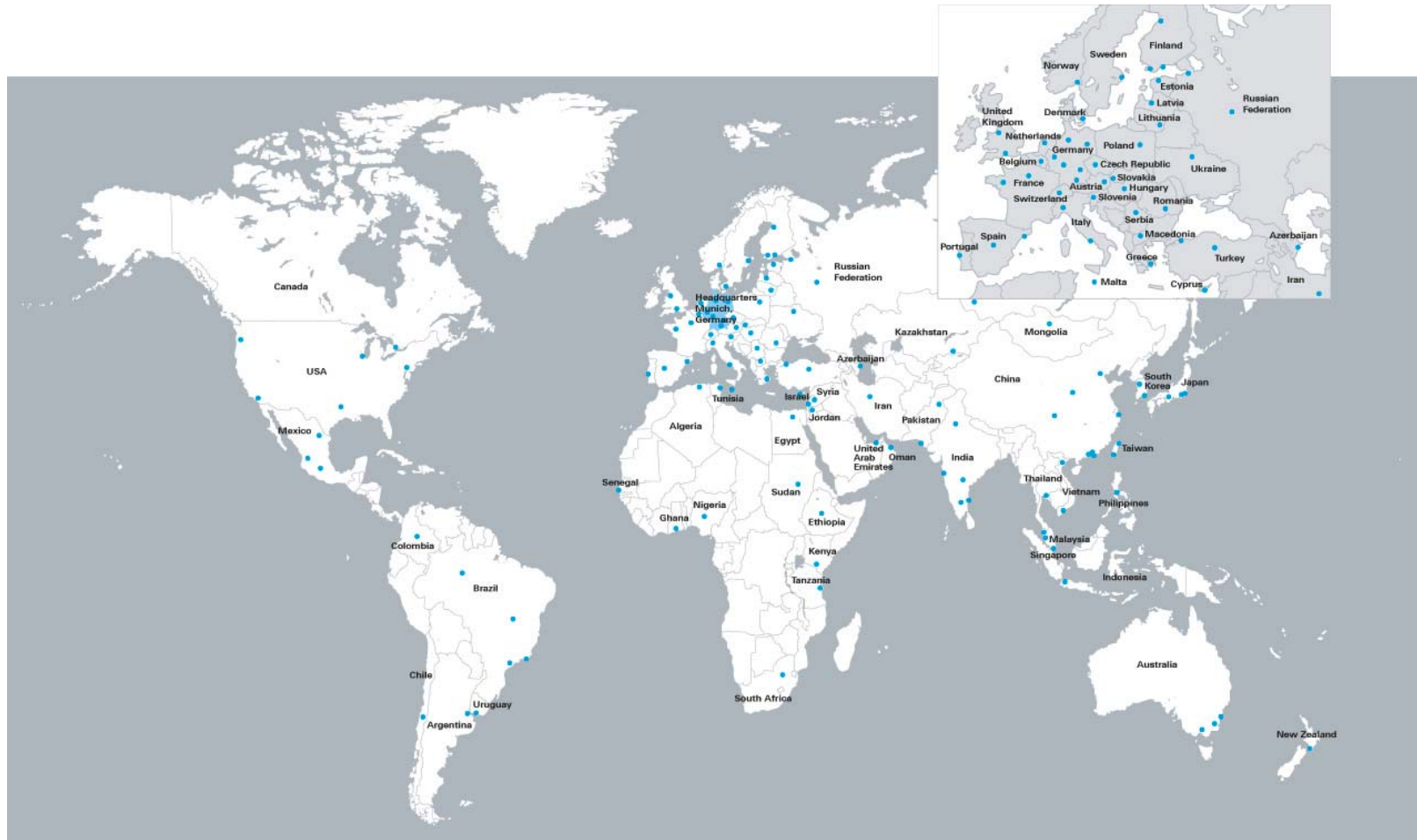
  
**ROHDE & SCHWARZ**

# Rohde & Schwarz at a glance

- | Independent, autonomous company
- | For 75 years the specialist in T&M and wireless communications
- | Represented in over 70 countries, with subsidiaries in 57 countries
- | Turnover of EUR 1.4 billion (FY 07/08)
- | Export share >80 %
- | 7500 employees worldwide



# Rohde & Schwarz - worldwide



# Our Business Fields

- ❖ Test and Measurement
- ❖ Secure Communications
- ❖ Radiomonitoring and Radiolocation
- ❖ Broadcasting
- ❖ Services



# Survey of 75 years HF Experience



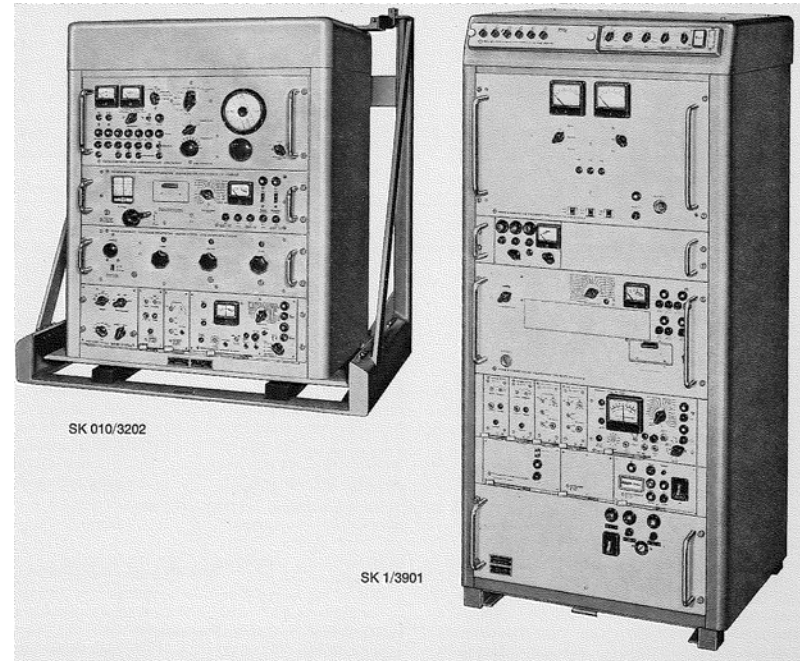


# Survey of 75 years HF Experience

## The Fifties



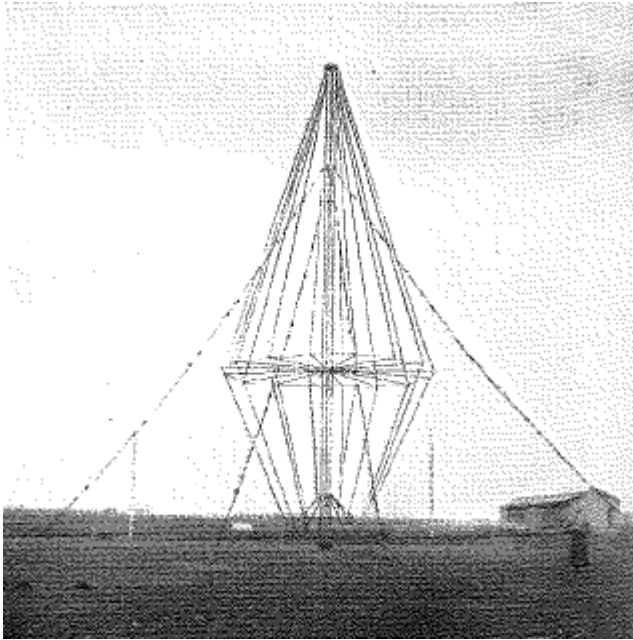
R&S® EK07  
Analog VLF-HF Receiver  
with Tubes



R&S® SK1/SK 010  
Analog HF Transmitter  
with Tubes

# Survey of 75 years HF Experience

## The Fifties



R&S® 3.6 to 26 MHz  
Cone Antenna up to 20 kW



R&S® EK17  
Analog VLF-HF Receiver  
with Tubes

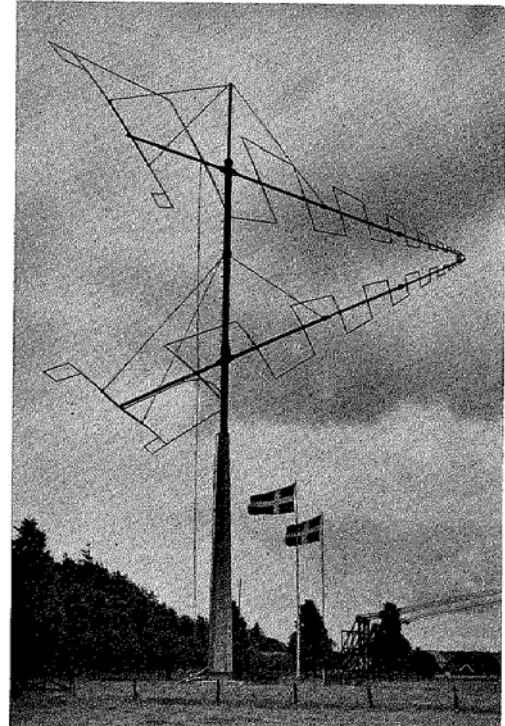
# Survey of 75 years HF Experience

## The Sixties



R&S® EK47  
Analog VLF-HF Receiver with  
Tubes

AK 226/441



R&S® AK 226/441  
Rotatable Logarithmic Periodic  
Antenna up to 200 kW

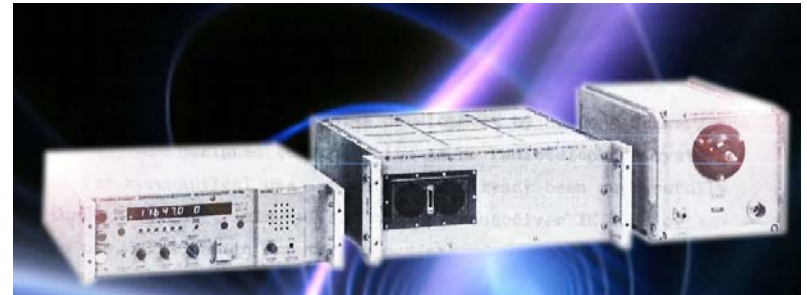


# Survey of 75 years HF Experience

## The Seventies



R&S® EK070  
Solid State Analog VLF-HF Receiver  
with Microprocessor Control



R&S® XK403 100 W HF Transceiver  
with Antenna Tuning Units

# Survey of 75 years HF Experience

## The Eighties



R&S® Series HF850  
150 / 500 / 1000W  
HF Transceiver Family  
with Microprocessor Control



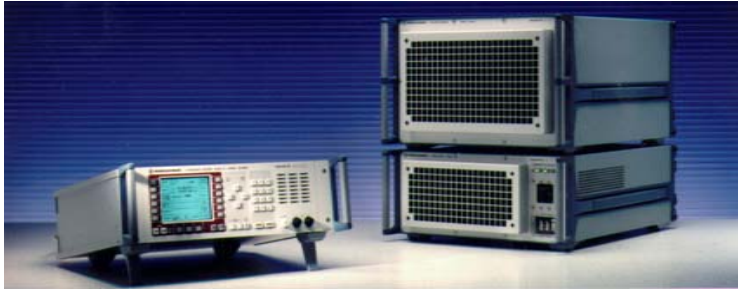
R&S® XK516D  
First R&S HF Airborne Transceiver



R&S® EK085  
VLF/HF Receiver

# Survey of 75 years HF Experience

## The Nineties



R&S® XK2100/XK2500/2900  
150 / 500 / 1000W  
HF Transceiver Family



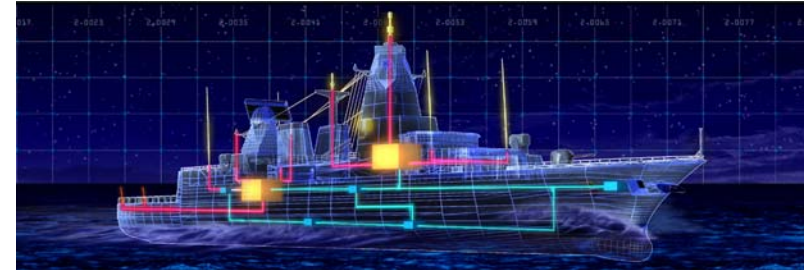
R&S® EK890/895/896  
VLF/HF Receiver

# Survey of 75 years HF Experience

## The new Century 2000



R&S® M3SR – Series 4100  
Stationary/Shipborne  
HF Transceiver Family



Message Handling Systems  
R&S® POSTMAN II  
R&S® STANAG5066  
R&S® STANAG4406



R&S® M3TR for TACP/FAC  
First Tactical HF/VHF/UHF Multiband Radio



# Our Mission for the next 75 years

Our radiocommunications solutions  
promote mobility, security, efficiency  
and reliability around the world.



Thank you for your attention

