

Course Details: 9250

Title	9250- SKYWAN 5G Network Operation
Level	Basic / Specialist
Objectives	<p>The participant will be able to: Plan and configure an entire SKYWAN network ready for network operation based on a predefined design, i.e.:</p> <ul style="list-style-type: none"> • maintain network & station parameter configuration, • adjust network management relevant parameters, • monitor & control relevant parameters for proper network operation, • maintain the required grade of service within the network,
Contents	<p>Adjust parameter configuration and user IP-traffic:</p> <ul style="list-style-type: none"> • modify network configuration, • modify network management parameter, • adapt router configuration (i.e. QoS settings), <p>Monitor & control relevant parameters for proper operation:</p> <ul style="list-style-type: none"> • Monitoring TDMA parameters (LED indications; essential parameters; monitoring screens), • Reconfiguration cases (fully meshed to star; new frequencies; use of stacked IDUs), • Advanced approach for troubleshooting. <p>NMS network tasks:</p> <ul style="list-style-type: none"> • network adjustments, • useful graphs, • network trouble-shooting procedures,
Target Group	SKYWAN 5G - Network Operator
Duration	2 days
Prerequisites	<p>The following prerequisites are mandatory for the participant:</p> <ul style="list-style-type: none"> • Participation in ND SatCom course 9240, • Good knowledge in 'satellite communication fundamentals (VSAT)', • General good English language skills.
Environment	SKYWAN 5G hardware, PC or notebook with SKYWAN NMS software, inter-cabling of some SKYWAN stations for a small network.
Methods	Lecture, hands-on with NMS tools, demonstrations, practical exercises.