

ND SATCOM

Course Details: 8150

8150 – SKYWAN IDU 7000/1070 Station Commissioning & Maintenance	
Title	8150 – SKYWAN IDU 7000/1070 Station Commissioning & Maintenance
Level	Advanced / Expert
Objectives	<p>The participant will be able to: Commission a SKYWAN station to become a member of a SKYWAN network and perform tests at station level, i.e.:</p> <ul style="list-style-type: none">• Install a SKYWAN indoor unit,• Setup a SKYWAN IDU with a predefined parameter set,• Run station specific functional tests,• Control relevant parameters for proper station operation,• Perform basic maintenance tasks. <p>This course is the mandatory prerequisite for the participation in the additional certification course 'Expert SKYWAN IDU 7000/1070 Station Commissioner'.</p>
Contents	<p>Work on various installation example cases:</p> <ul style="list-style-type: none">• Focus on frequent pitfalls and most critical installation steps. <p>Station commissioning and operation:</p> <ul style="list-style-type: none">• Run standard site acceptance test (SAT) procedure,• Run advanced trouble shooting procedures,• Interaction with the SKYWAN Network Operator.• Advanced monitoring. <p>Station maintenance:</p> <ul style="list-style-type: none">• Perform basic / preventive maintenance tasks,• Failure localization,• Exchange of station components (IDU, IDU-boards, LNB, RFT).
Target Group	Station commissioner (installation staff)
Duration	2 days / (if certification is required 1 day for certification)
Prerequisites	<p>The following prerequisites are mandatory for the participant:</p> <ul style="list-style-type: none">• ND SatCom course 8140,• General good English language skills.
Environment	SKYWAN IDU 7000/1070 hardware, PC or notebook, antenna system with RFT & LNB.
Methods	Lecture, hands-on (partly outside classroom), demonstrations, practical exercises.