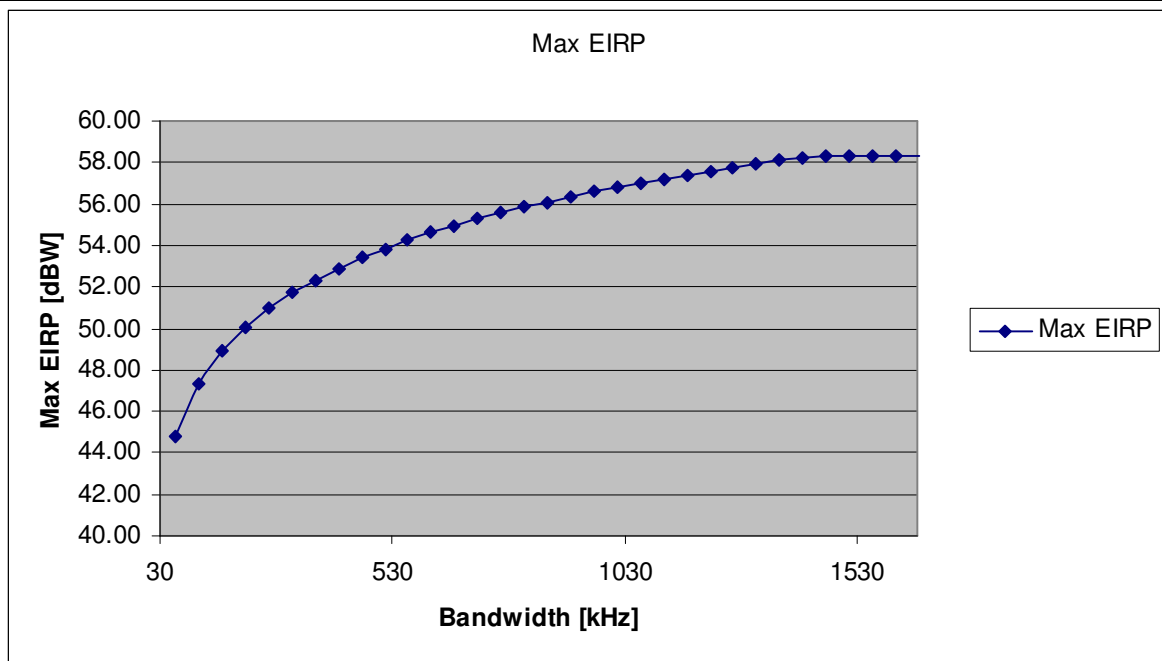


		DATE OF CERTIFICATION 20 July 2010	TYPE OF CERTIFICATE FULL	TERMINAL CERTIFICATE NUMBER TX-CE-0090-S-PDGM Issue 2
TERMINAL CERTIFICATION CERTIFICATE				
The Certificate permits the use of the terminal equipment detailed herein to operate within the SKYNET 5 System.				
ORIGINATOR: Lee Harris			RELATED DOCUMENTS: - Norsat test data file DES003256 - Waiver Certification SPC-CE-0045-PDGM Issue 1 - Interim Certificate TX-CE-0090-S-PDGM Issue 1 - Terminal data sheet + Annex A	
TERMINAL SERIAL NUMBER (indicate if First of Type)	DETAILS OF TERMINAL EQUIPMENT			VALID FROM
N/A	Norsat GlobeTrekker 5200W-X-i700 (1m Portable Satellite Terminal with 200W BUC) Modem: iDirect iCONNEX700 Waveforms: BPSK, QPSK, 8PSK			20 July 2010
SCOPE OF TYPE APPROVAL (for ships indicate ship class): Certification for operational use over the Skynet 5 constellation within given parameters highlighted in Special Instructions below.				
EVIDENCE OF CONFORMANCE : Annex A submitted & reviewed		REVIEWED BY NAME: L Harris DATE: 20/07/2010	Signed by: Lee Harris Signing time: Tuesday, July 20 2010, 13:19:42 GMT	
COMPLIANCE WITH TERMINAL CERTIFICATION/ REQUIREMENTS CONSTRAINTS (SKY5-SP-00002-ASTR) :		REVIEWED BY NAME: L Harris DATE: 20 July 2010	Signed by: Lee Harris Signing time: Tuesday, July 20 2010, 13:20:27 GMT	
SPECIAL INSTRUCTIONS (including any Service limitations): This Approval enables this terminal type to access Skynet 5 within the highlighted CAVEATS for Paradigm approved operational purposes, at agreed times and dates, on agreed transponders. Paradigm reserves the right to withdraw this approval at any point.				
<u>General CAVEATS/Limitations</u>				
<ul style="list-style-type: none"> - New side-lobe requirements under TX-MA-00136-S-PDGM. - Operation is limited to transmission in RHCP only. - No spectral inversion when operating via UK anchor. - Single Carrier Operation Only: Multi carrier operation must respect mandatory EIRP noise spectral density requirements of TX-MA-00136-S-PDGM and would require re-certification. 				
<u>Operational CAVEATS/Limitations</u>				
The terminal must operated outside of any zone beam of any satellite located within 6 degrees of the Skynet satellite under use. Operation outside of this envelope may be permitted at Paradigm's discretion.				
The terminal must be operated within any local frequency coordination limits agreed with operators of adjacent satellite systems				
The terminal must be operated within the bandwidth and EIRP limits shown in the graph i.e. in the region below the curve. The graph shows unconstrained power operation for symbol rates > 1435 kbps and max EIRP limited to 44.8 dBW at min declared bandwidth of 64 kbps.				



<p>ISSUED BY</p>	<p>NAME: L Harris DISCIPLINE : BD Technical Support DATE: 20 July 2010</p>	<p>Signed by: Lee Harris Signing time: Tuesday, July 20 2010, 13:21:5 GMT</p>
<p>APPROVED BY</p>	<p>NAME: L Harris DISCIPLINE : BD Technical Support DATE: 20 July 2010</p>	<p>Signed by: Lee Harris Signing time: Tuesday, July 20 2010, 13:22:35 GMT</p>
<p>FORM NUMBER : TX-CE-0090-S-PDGM Issue 2</p>		<p>DATE : July 20, 2010</p>
<p>SECURITY CLASSIFICATION: UNCLASSIFIED</p>		<p>© PARADIGM SERVICES LTD</p>