

October 26, 2000

Federal Communications Commission
Equipment Authorization Division
Applications Processing Branch
7435 Oakland Mills Road
Columbia, Maryland 21046

To: Joe Dichoso jdichoso@fcc.gov
From: Jay Sarkar j.sarkar@aprel.com

Subject: Emission Designator: 12K8F1D

RE: FCC ID NIQM9KMOBITEX
Applicant: Schlumberger Technologies.
FCC Correspondence No. 16759
731 Confirmation No. EA98370
Date of Original e-mail: October 25, 2000

Dear Mr. Dichoso:

The following item is in response to your e-mail requesting clarification of emission designator:

*The device is using an approved transceiver with an emission designator of 12K8F1D.
You claim that there are no changes but request an emission designator of 28K8FXW.
Please explain. The bandwidth submitted justifies 12K8F1D.*

Response: Yes, you are right that the proposed emission designator ought to be 12K8F1D, considering the bandwidth requirement. In addition, since the approved transceiver used in the Schlumberger product is a sealed unit and no changes were made to the transceiver itself and no external circuit deployed at the RF output (like matching network for the antenna) can alter the parameters, the originally declared bandwidth does not change as you had pointed out. As such, the proposed emission designator is 12K8F1D. Inadvertently, we had registered incorrect emission designator (28K8FXW) in the 2 reports and in the 731. They shall be replaced with 12K8F1D. Unfortunately, I was working in parallel with a CDPD project that has a similar emission designator. I regret for the inappropriate emission designator provided.

I trust that this information will suffice. Thanking you in advance for your kind cooperation. If you have question, please contact me.

Best regards,


Jay Sarkar
Technical Director Standards and Certification

"SOLUTIONS FOR THE WIRELESS FUTURE"

**FEDERAL COMMUNICATIONS COMMISSION - FCC FORM 731
APPLICATION FOR EQUIPMENT AUTHORIZATION**

Approved by OMB
3060 - 0057
Expires 9/30/00

You will be presented with the FCC FORM 159, Fee Remittance Advice after submitting your application and obtaining a confirmation number. This Fee Remittance Advice, FCC Form 159, must currently be submitted in paper form along with payment to the address indicated in the FCC Fee Filing Guide. Electronic submission of FCC Form 159 is not currently available.

Item 1. Applicant's complete, legal business name: **Schlumberger Technologies**

Item 2. Applicant's mailing address

Line 1: **1601 Schlumberger Drive**

Line 2:

P.O.Box:

City: **Moorestown**

State: **NJ** Country(if foreign address): Zip/Postal Code: **08057**

Item 3. FCC ID: Grantee code: **NIQ** * Equipment Product Code (14 characters maximum): **MBKMOBITEX**

Item 4. Person at the applicant's address to receive grant or for contact:

First Name: **James**

Last Name: **Kain**

Title: **Regulatory Administrator**

E-mail: **kain@moorestown.tlslb.com**

Mail Stop:

Telephone: **609 234-8000** Ext:

Fax No:

Item 5. Instead of Applicant, FCC is authorized to mail original Grant to:

Firm Name:

Address Line 1:

P.O.Box:

Address Line 2:

City:

State:

Country(if foreign address):

Zip/Postal Code:

Person at above address to receive Grant:

First Name:

Last Name:

Title:

Mail Stop:

Item 6. Technical Contact:

Firm Name:

Telephone:

Ext:

Fax No:

APRES Laboratories

856-234-8000

323

856-866-9137

First Name:

Middle Initial:

Last Name:

Jay

Sakar

Address Line 1: 51 Spectrum Way		P.O.Box: Nepean, Ontario		State:	
Address Line 2:		City: Moorestown		State:	
Country(if foreign address): Canada		Zip/Postal Code: K2R 1E6			
E-mail: j.sarkarsaprel.com					
Item 7. Non-Technical Contact:					
Firm Name: APREL Laboratories		Telephone: 856-234-8000	Ext: 323	Fax No: 856-866-9137	
First Name: Jay	Middle Initial:	Last Name: Sakar			
Address Line 1: 51 Spectrum Way		P.O.Box: Nepean, Ontario		State:	
Address Line 2:		City: Moorestown		State:	
Country(if foreign address): Canada		Zip/Postal Code: K2R 1E6			
E-mail: j.sarkarsaprel.com					
Item 8. * Does this application include a request for confidentiality for any portion(s) of the data contained in this application pursuant to 47 CFR § 0.459 of the Commission Rules? If "Yes" see instructions.				<input checked="" type="radio"/> Yes <input type="radio"/> No	
Item 9. * Does the applicant request that the Commission defer grant of this application pursuant 47 CFR § 0.457(d)(1)(ii)? (See instructions)				<input type="radio"/> Yes <input checked="" type="radio"/> No	
If so, specify date when grant may be issued (MM/DD/YYYY format):					
Item 10. Equipment Code: TNB-Licensed Non-Broadcast Station Transmitter		* Description of Product as it is Marketed: Wireless Point of Sale Terminal			
* Equipment will be operated under FCC Rule Part(s): 2 and 90					
Item 11. * Application is for:					
<input checked="" type="radio"/> Original Equipment (See instructions)					
<input type="radio"/> Change in identification of presently authorized equipment: Original FCC ID: Grant Date (MM/DD/YYYY format):					
<input type="radio"/> Class II permissive change or modification of presently authorized equipment (See instructions)					
Item 12. EQUIPMENT SPECIFICATIONS: (See instructions)					
Frequency range in MHz		Rated RF power output in watts		Frequency tolerance	
896	902	1.585	1.5	ppm	
Emission designator (See 47 CFR § 2.201 and § 2.202)				Microprocessor Model Number	
2BKHPPXW 12K8F1D				n/a	