**REFERENCE:** [**CONFIGURATION TARGET IS 8C**](file:///C:\Users\jon.bianco\Documents\Devices\Verifone\Configuration\UX301)

**M.7.1. Terminal Transaction Qualifier – 9F66**

**Byte 1**

bit 8: 1 = MSD supported

bit 7: 0 = RFU

bit 6: 1 = qVSDC supported

bit 5: 1 = EMV contact chip supported

bit 4: 1 = Offline-only reader

bit 3: 1 = Online PIN supported

bit 2: 1 = Signature supported

bit 1: 1 = Offline Data Authentication (ODA) for Online Authorizations supported.

**Byte 2**

bit 8: 1 = Online cryptogram required

bit 7: 1 = CVM required

bit 6: 1 = (Contact Chip) Offline PIN supported

bits 5-1: RFU (00000)

**Byte 3**

bit 8: 1 = Issuer Update Processing supported

bit 7: 1 = Mobile functionality supported (Consumer Device CVM)

bits 6-1: RFU (000000)

**Byte 4**

RFU (0x00)

ACTUAL : 36 40 40 00

PROPOSED:

**AMEX ATTENDED**

**M.7.2. Terminal Capabilities – 9F33**

**Byte 1**

bit 8: 1 = Manual Key Entry

bit 7: 1 = Magnetic Stripe

bit 6: 1 = IC with contacts

bit 5: 1 = RFU

bit 4: 1 = RFU

bit 3: 1 = RFU

bit 2: 1 = RFU

bit 1: 1 = RFU

**Byte 2**

bit 8: 1 = Plaintext PIN for ICC verification

bit 7: 1 = Enciphered PIN for online verification

bit 6: 1 = Signature (paper)

bit 5: 1 = Enciphered PIN for offline verification

bit 4: 1 = No CVM Required

bit 3: = RFU

bit 2: = RFU

bit 1: = RFU

**Byte 3**

bit 8: 1 = SDA

bit 7: 1 = DDA

bit 6: 1 = Card capture

bit 5: 1 = RFU

bit 4: 1 = CDA

bit 3: = RFU

bit 2: = RFU

bit 1: = RFU

ACTUAL : 60 F0 C8

PROPOSED: 60 D8 C8