

## 一、110/119網路通信介面資料格式

110/119網路通信介面UI訊息計有下列二種資料格式，定義如下：

### (1). ISDN交換機至110/119集中受理ISDN CPE

UI_ID	ANI	Call_Class	User_ID	ALI
1 byte Char	10 bytes Char Array	1 byte Char (S：市話, P：公話, M：行動, R：Pager)	100 bytes Char Array	100 bytes Char Array

註：1.資料長度不足之欄位一律補'\0'char  
2.中文文字以BIG 5碼編碼

所有ALI相關資料共211 bytes，分兩次透過UI Message傳送，第一次送112 bytes(包括UI\_ID=1, ANI, Call-Class與User\_ID等四個欄位資料)，第二次送101 bytes(包括UI\_ID=2, ALI等二個欄位資料)。

### (2). 110/119集中受理ISDN CPE至ISDN交換機

UI_ID	ALI_ACK
1 byte	1 byte

註：ALI\_Ack = 1 OK; =0 Failed

## 二、ISDN交換機與110/119集中受理終端設備ANI/ALI介接通信協定 認證測試規範

### （一）、範圍

本測試規範含一測試群組(Test Group)，共計三測試項(Test Case)，同時適用於測試BRI/PRI介面。

待測物(IUT - Implementation Under Test)必須先通過ISDN BRA/PRA介面符合性測試。

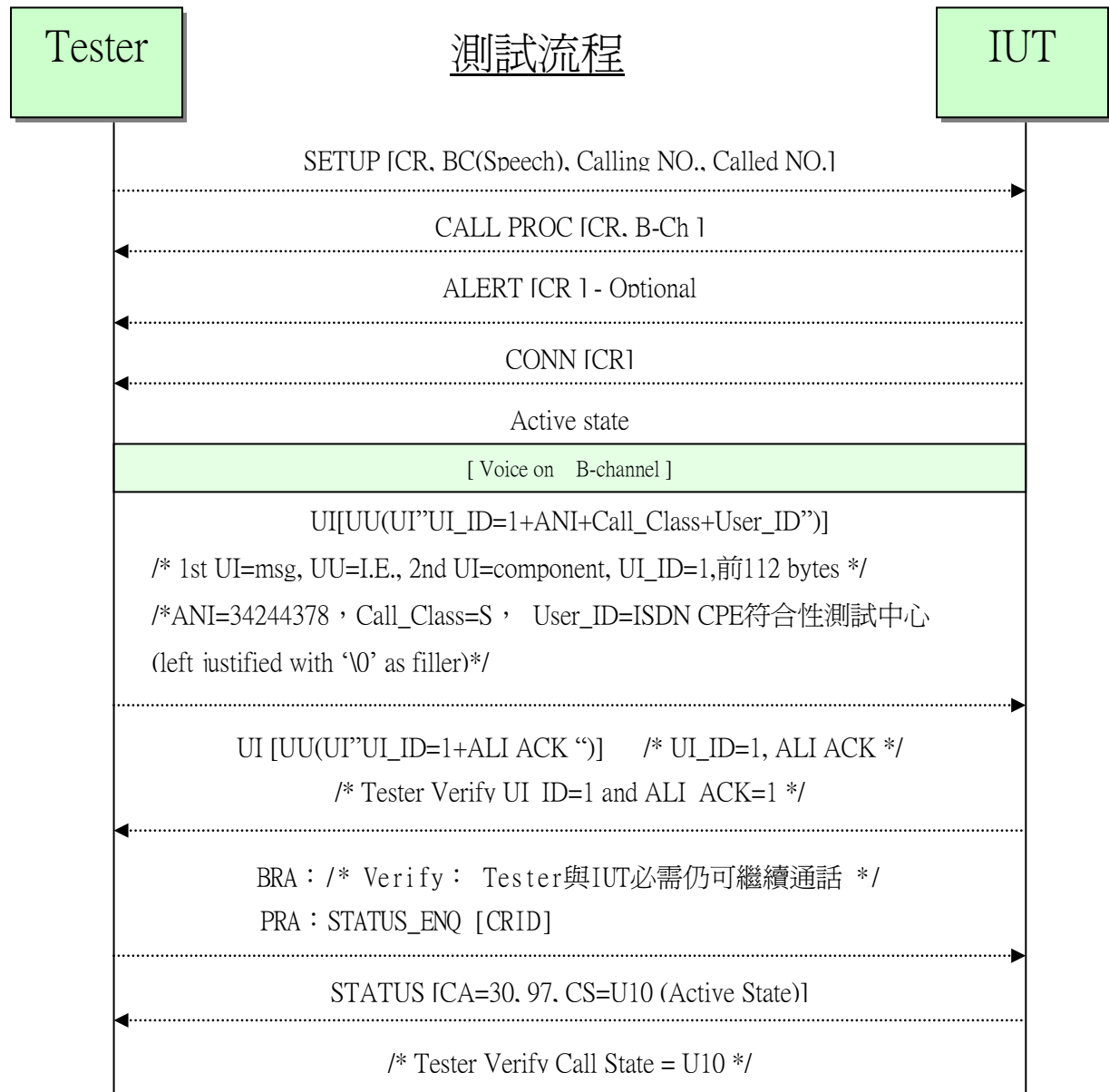
### （二）、內容

如后：

Test Group: ANI/ALI

Test Id: UI\_1

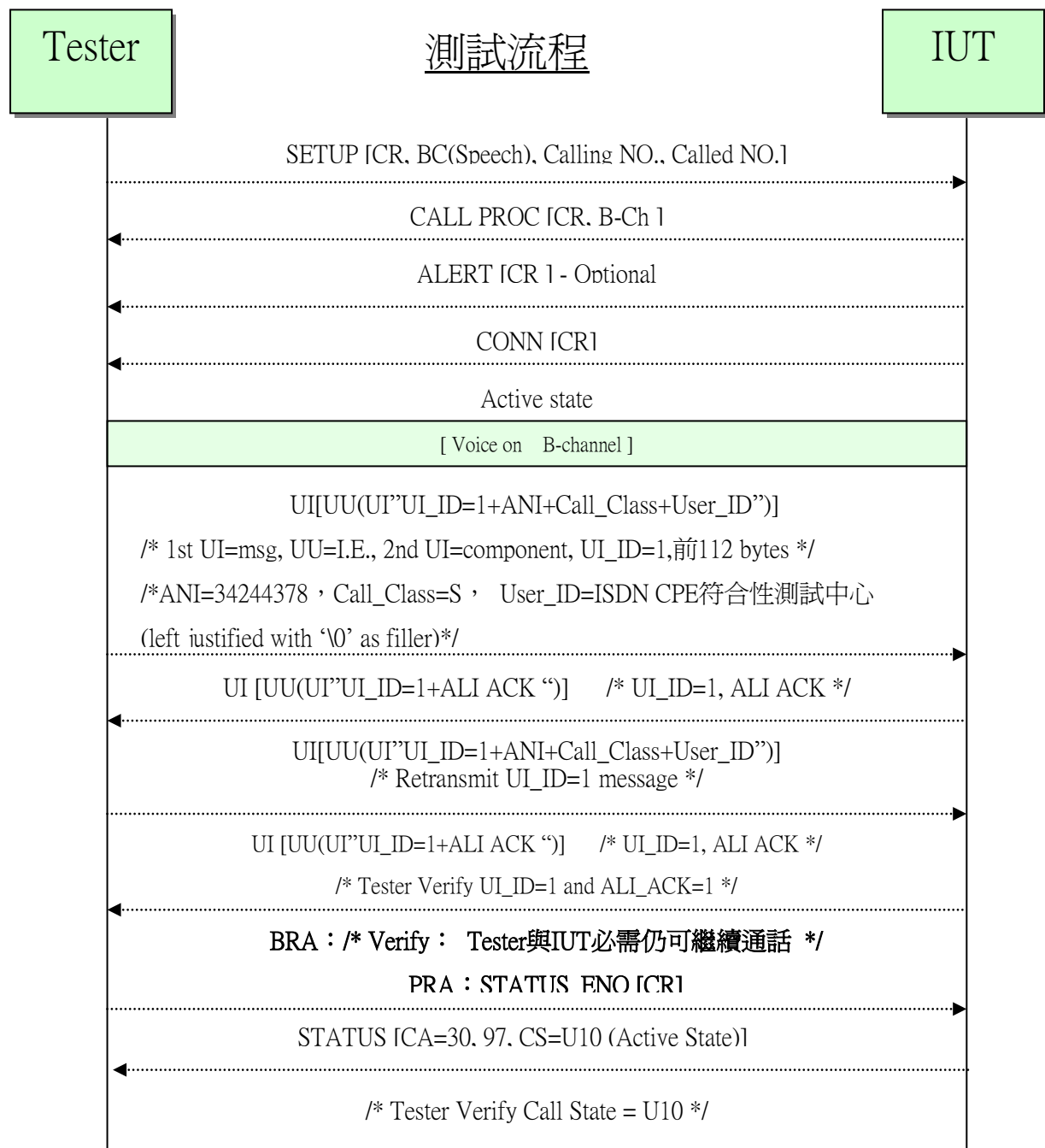
Test Purpose: Ensure that on receipt of a UI(UI\_ID=1) message the IUT responds with UI(ACK UI\_ID=1) and remains in U10 state



Test Group: ANI/ALI

Test Id: UI\_2

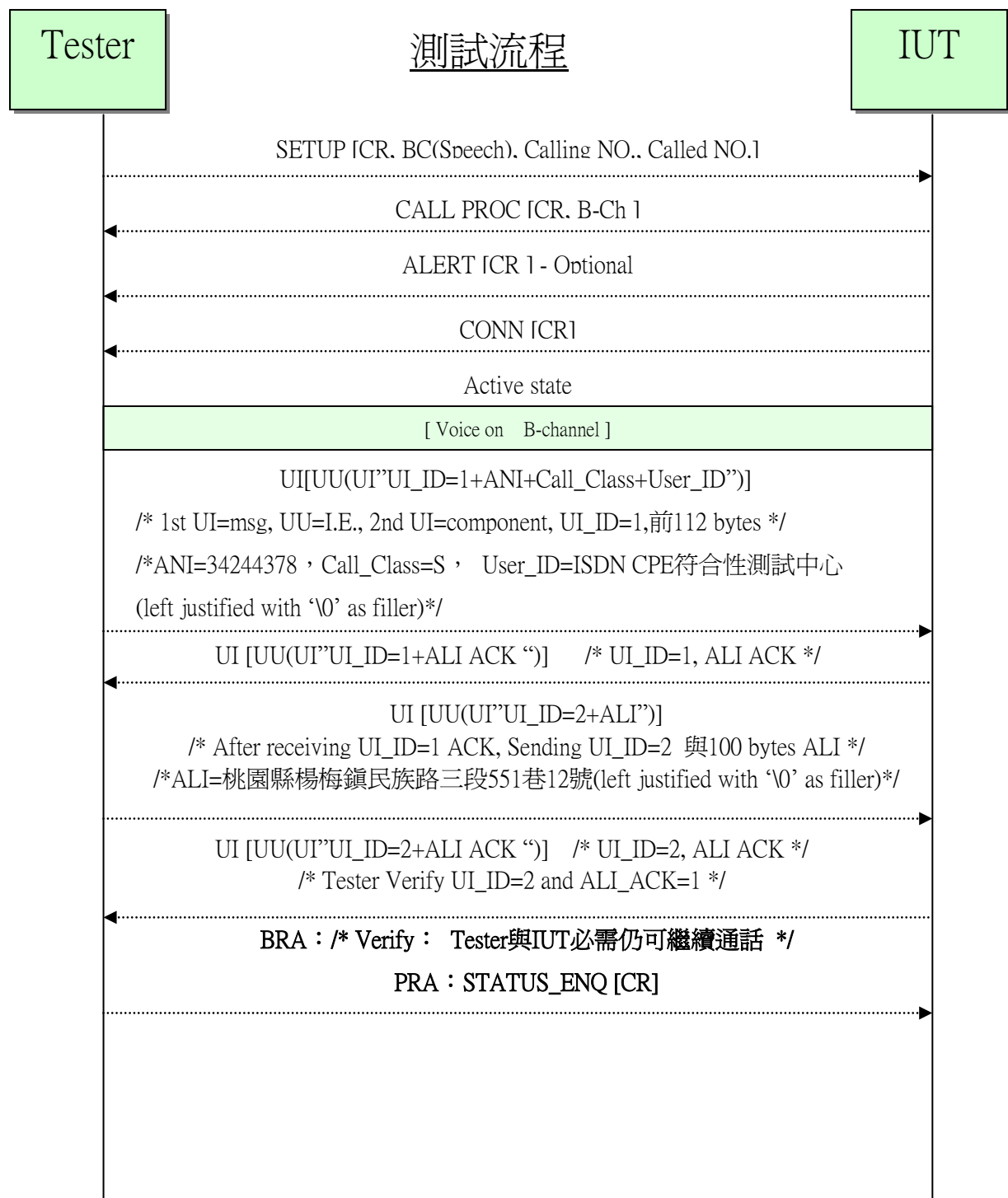
Test Purpose: Ensure that on receipt of a retransmitted UI(UI\_ID=1) message the IUT responds with UI(ACK UI\_ID=1) and remains in U10 state



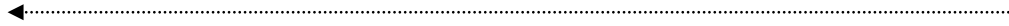
Test Group: ANI/ALI

Test Id: UI\_3

Test Purpose: Ensure that on receipt of a UI(UI\_ID=2) message the IUT responds with UI(ACK UI\_ID=2), remains in U10 state and Displays all the provided information



STATUS [CA=30, 97, CS=U10 (Active State)]



/\* Tester Verify Call State = U10 \*/

/\* Operator find all provided information on the screen of IUT \*/