Wrong exception thrown when sending SMS messages that are too long using Java ME (Known Issue)

Description

When sending an SMS message that is too long, `java.io.InterruptedIOException` will be thrown instead of `java.lang.IllegalArgumentException`.

How to reproduce

1. Implement the following test MIDlet:

```
import javax.microedition.lcdui.*;
import javax.microedition.midlet.*;
import javax.microedition.io.Connector;
import javax.wireless.messaging.*;

public class SMSSendTest extends MIDlet
   implements CommandListener
{

   Display d;
   Form f;
   TextField phoneNumber;
   TextField smsInfo;

   Command exitCmd;
   Command sendCmd;
   String mese;

   public SMSSendTest()
   {
       d = Display.getDisplay(this);
       exitCmd = new Command("Exit", 1, Command.EXIT);
       sendCmd = new Command("Send SMS", 1, Command.OK);
       f = new Form("SMS Test");

       phoneNumber = new TextField("Enter SMS receiver phone number", "+3581234567",
20, TextField.PHONENUMBER);
        mese="VeryLongString";//the string must be approximately 5000-6000 characters

   smsInfo= new TextField("Text", "Size of the test SMS text: "+mese.length(), 6000,
TextField.ANY);

       f.append(phoneNumber);
       f.append(smsInfo);
       f.addCommand(sendCmd);
       f.addCommand(exitCmd);
       f.setCommandListener(this);
       d.setCurrent(f);
       }

   public void commandAction(Command c, Displayable d)
```


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```
    {
        if(c == exitCmd)
            try
            {
                destroyApp(true);
                notifyDestroyed();
            }
            catch(Exception e)
            {
                smsInfo.setString(e.getMessage());
            }

        else
        if(c == sendCmd)
            send();

    }

    private void send()
    {
        Alert smsAlert;
        smsAlert = new Alert("SMS Alert", "", null, null);
        smsAlert.setTimeout(Alert.FOREVER);

        try
        {

            String addr = "sms://" + phoneNumber.getString();

            MessageConnection conn = (MessageConnection)Connector.open(addr);
            TextMessage msg = (TextMessage)conn.newMessage("text");

            msg.setPayloadText(mese);
            conn.send(msg);

            smsAlert.setString("SMS send successful");
            d.setCurrent(smsAlert);
        }
        catch(Exception e)
        {
            smsAlert.setString("SMS send not successful: \n"+e.toString());
            d.setCurrent(smsAlert);

        }
    }


    protected void startApp()
        throws MIDletStateChangeException
    {
    }

    protected void pauseApp()
    {
    }

    protected void destroyApp(boolean bool)
```


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```
        throws MIDletStateChangeException
    {
    }

}
```

2. Launch the test MIDlet and choose **Send SMS** from **Options**. For the affected devices, `java.io.InterruptedIOException` will be thrown instead of `java.lang.IllegalArgumentException`.

Solution

This issue is expected to be fixed in future software versions, starting with S60 5th Edition.

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