Management Features.

From the "Data" screen, access can be gained to a "Menu" (button 'A' in "Data mode") which allows selection of various parameters as shown. Each entry is PIN protected with individual PIN numbers. The required parameter can be selected from the numeric keypad, the four-digit PIN entered.

Only the Clock Adjustment is covered here, as this is likely to be the only one required. The other functions are explained briefly.

Clock Adjust.

To access the clock adjust mode; Hit button '1' on the numeric keypad. An intermediate screen asking you for your PIN number will show. Use the numeric keypad to enter the four digit PIN then hit button 'B' ("Enter").

```
Menu          Key
    Clock Adjust : 1
Shift Management : 2
Lease Management : 3
Registration number : 4
   Set Up : Cab ,GST : 5
              Config : 6
                Quit
```

Note: As the clock is not normally considered to be secure the PIN number is generally set to 'null' when the meter leaves the factory. This means you can simply hit button 'B' without entering a PIN.

The clock entry consists of a string of six digits for the date, and four digits time. The curser flashes over the selected digit, the numeric keypad edits the selected digit. The left and right arrow keys

```
Clock Adjust
Enter Time,hit ENTER
   YYMMDDhhmm
   1202231343
      Enter  Quit
```

can move the curser to any digit, thus editing the time and date is very straight forward. Once you have it correct, simply hit button 'B' ("enter") to save it.

The same editing procedure applies to all parameters. Should you need to change the PIN number for any entry, this can be done by hitting button 'D' once you have reached the edit mode for that parameter. This will allow a new four digit PIN to be entered and saved. Like all PIN numbers, if you forget what you have set, you're bugg***d!

Shift Period and Lease Period.

These parameters relate to Daily activation periods (Shift) and Global activation period (Lease). If a driver is to be restricted to say a twelve hour period each day then the start and end times for the "shift" can be entered here. During the inactive period he will not be able to ply For Hire, and the meter is effectively locked.

The Lease Period provides a means to disable the meter should, for example, the driver be leasing the cab (or the equipment) and he fail to pay at the required time. The owner (or leaser) can set the *start* and *end* time and date so that the meter will lock at the expiry time/date.

Key to Buttons and Display Symbols
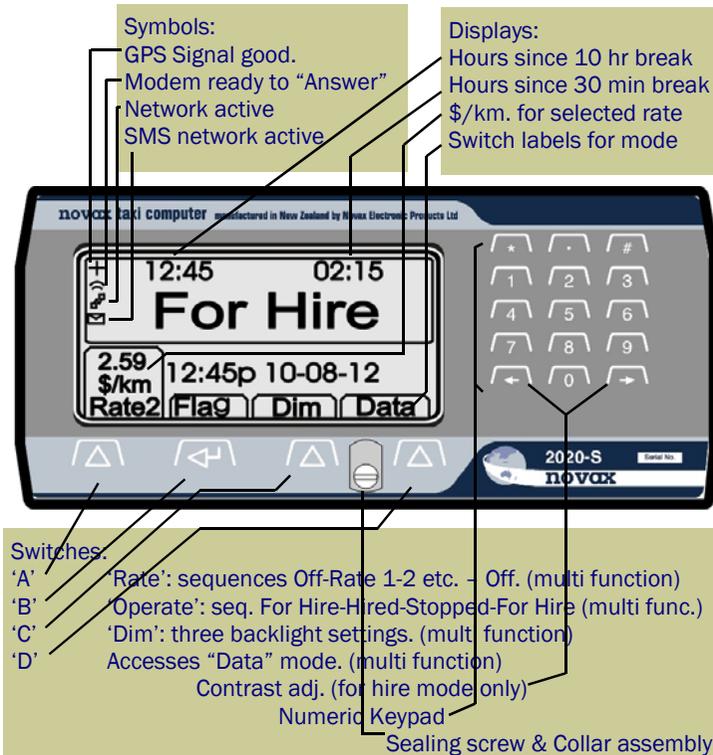
Symbols:
GPS Signal good.
Modem ready to "Answer"
Network active
SMS network active

Displays:
Hours since 10 hr break
Hours since 30 min break
$/km. for selected rate
Switch labels for mode

Switches:
'A'   'Rate': sequences Off-Rate 1-2 etc. – Off. (multi function)
'B'   'Operate': seq. For Hire-Hired-Stopped-For Hire (multi func.)
'C'   'Dim': three backlight settings. (multi function)
'D'   Accesses "Data" mode. (multi function)
         Contrast adj. (for hire mode only)
         Numeric Keypad
         Sealing screw & Collar assembly

Novax 2020-S
Operator's Handbook

Dimensions:
- 157mm x 72 mm and Only 16mm deep!
- Slim and light enough to mount by your mirror!

Graphics Display:
- Easy to read large FARE window
- Supplementary window for EXTRAS or Distance
- Rate window shows actual $/km. being charged
- Displays labels for each Operate button function

Back illuminated tactile switches:
- Four buttons for simple operation.
- Numeric keypad for account, log-in and menu entries

Features:
- Displays Text messages
- Receipt Printer and MSR.
- Handles Payment Cards
- Log On / Log Off
- Driver Working hours
- Total Mobility compliant
- Data Transfers
- Multiple Interfaces
- GPS Receiver port
- Modem Interface port
- Shift & Lease control

Operating Instructions.

For the sake of these instructions the four Operate buttons are referred to as button 'A', 'B', 'C', and 'D'.
With the meter screen blank, the meter is "Off".
To start the meter. Hit button 'A'. The "For Hire" screen will show as below.
If your meter is programmed for "Shift monitoring" then an intermediate screen may ask you to enter your "Driver Number". Use the numeric keypad to enter the four-digit number then hit button 'B' ("Enter") as instructed on screen.

If your meter is programmed for multi tariff then each subsequent push of button 'A' will advance the Rate. When the maximum tariff is reached it will return to "Off". There will be a short delay at switch off

Starting The Fare.

Hit button 'B' to start a fare. (labeled "Flag"). This selects the "Hired" screen. Once hired the meter will start to accrue the fare; first on waiting time as indicated by the "Hour-glass" symbol. Then as the cab commences it's journey the fare will register the distance rate.

Note the actual rate being charged is shown in the "Rate" window (as $/km). As the journey progresses, the distance travelled is displayed in the "supplementary window , unless "Extras" have been entered. Extras display takes priority in this window.
To apply "extras" use button 'C' (labeled "Extra"). One Extras increment per push. The numeric keypad can be used to select preprogrammed increments for various purposes.

Time Off (Stopped).

Hit button 'B' to stop the fare. (labeled "Stop"). This selects the "Time-Off" screen. Should you need to restart the fare; hit button 'A' (labeled "Prev"). For temporary summing of the Extras to the Fare; hit button 'D'. To end the fare and return to "For Hire" hit button 'B' (labeled "Clear").
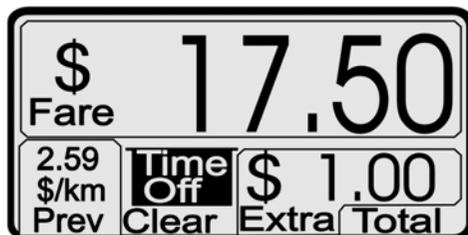
Total Fare Mode. (Pre-programmed Option).

This mode becomes a fourth stage in the Button 'B' sequence. It effectively ends the fare, and there is no means to restart that job. The "Extras" are added to the "Fare" in order to display the "Total Fare Payable". The trip summary is also shown: Distance travelled and Time Duration of the trip. A receipt can be printed, if a printer is attached. This screen will automatically clear when the cab is driven off.

If the meter is equipped with a "Swipe Reader" then it is armed in this mode, ready for a payment card to be swiped. The Banner; "Total Fare Payable" alternates with "Swipe Reader Enabled". When a payment card is swiped, the card type is automatically detected and the appropriate "Service Fee", "Subsidy" or "Discount" applied and displayed on-screen, as shown. ie the screen changes to that shown here. The "Fare to Pay" is calculated by adding the Service fee or subtracting the Subsidy.
At any time, if an error is made, or you wish to back-track; button 'A' will take it back to the "Total Fare Mode.
Button 'B' (or in fact any other button) will clear the fare , and a receipt will be printed (if a printer is fitted).
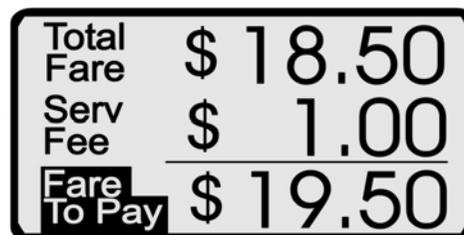
Manual Account Entry.

In the event that the card is damaged, or can't be swiped the card number, or in fact a customer's charge account number can be entered manually from the "Total Fare Mode" screen. Button 'A' (labeled "Card") brings up the screen shown here. The card number (or customer's account number) can then be entered using the numeric keypad. You will notice that the three types of card (or account) are assigned to the buttons 'B'- 'D' below, allowing the appropriate type to be selected. This action will bring up the screen above showing the Service Fee or Subsidy, and calculating the "Fare To Pay" as previous. The meter can then be cleared in the same manner as described earlier.

Data Functions.

With the meter in the "For Hire" Mode, access the "Data" screen with button 'D'. (note; If a receipt is pending from the previous job, this will be printed first). The Data screen provides information about the meter: Model, Serial Number, Cab Number, GST number, Date of Manufacture and firmware revision.

Two sets of registers relating to the data security provide indelible counters and date stamps which record each time the meter is programmed with either Fare Schedule or Calibration adjustments.
From this screen access can be gained to Running Total registers and the Fare Schedule which has been programmed.

Running Totals.

Button 'D' (labeled "Total") will display the Totals screen. Three sets of registers can be displayed: Grand Totals, Shift Totals and Rate Totals, accessed by the appropriate button. Each screen will look similar to the one shown here. You will see that two sets of "Extras are shown, one set is provision for "Tolls" automatically applied over the radio network, the rest are self explanatory.

When "Shift Totals are displayed button 'B' provides a means to reset the registers. This function is PIN protected requiring you to enter your PIN number before the "Shift Totals" can be cleared. A shift Report will be printed prior to clearing, (if a printer is attached). Clearing the Shift Totals actually ends the "Shift". This means that the meter will time-out to the "Off" mode and will require the "Driver Number" to be entered prior to accessing the "For Hire" mode.

Fare Schedule.

Button 'B' (labeled "Sched"). This screen shows the actual rates programmed into the meter, it will sequence through each tariff automatically or can be advanced with button 'A'