(Recurrence) int [1-4]

**1: Only once**

Nothing

String: 1.

**2: Daily**

(Repeats every) int

(Ends) int [1 or 2]

if 1: (Occurrences) int

if 2: (Month, day, year) Date

String: 2|<repeats>|1|<occurrences>.

String: 2|<repeats>|2|00-00-0000.

**3: Weekly**

(Repeats every) int

(Days of the week) string [7 characters that can only be 0 or 1]

(Ends) int [1 or 2]

if 1: (Occurrences) int

if 2: (Month, day, year) Date

String: 3|<repeats>|0000000|1|<occurrences>.

String: 3|<repeats>|0000000|2|00-00-0000.

**4: Monthly**

(Repeats every) int

(Occurs by) int [1-6]

If 1: (Day of the month) int [1-32] 32 is the last day of the month

If 2-6: (Days of the week) int [1-7]

(Ends) int [1 or 2]

if 1: (Occurrences) int

if 2: (Month, day, year) Date

String: 4|<repeats>|1|<day of the month>|1|<occurrences>.

String: 4|<repeats>|2|<day of the week>|2|00-00-0000.