

## LW-360HR Report Format (DOCOMO version)

### Report format of Period report messages:

Protocol Version	Command ID	Longitude	Latitude	GPS Fix Status & Report Type	Reserved	Calorie	Battery Capacity	Date & Time	Beacon ID	Beacon Type	RSSI	Tx Power	Heart Rate
0C 1 byte	0227 2 bytes	4 bytes	4 bytes	1 byte	1 byte	2 bytes	1 byte	4 bytes	20 bytes	1 byte	1 byte	1 byte	1 byte

Skin Temperature	Step	Distance
2 bytes	2 bytes	2 bytes

### GPS Fix Status & Report Type:

GPS Fix Status	Report Type
Bit5~Bit7 00=not fix, 01=2D fix, 10=3D fix	Bit0~Bit4 02=period report

# Parameters of Report Message

Parameters	Description
Calorie	xx Amount of energy consumed (kcal)
Battery Capacity	xx unit: percent capacity
Longitude	xxx.xxxxxx unit: degree
Latitude	xx.xxxxxx unit: degree
Date &Time	Epoch time from 1970/01/01 Refer to <a href="https://en.wikipedia.org/wiki/Unix_time">https://en.wikipedia.org/wiki/Unix_time</a>
Beacon ID	iBeacon: UUID + Major ID + Minor ID (20Bytes) Eddystone: Eddystone-UID (Namespace ID + Instance ID) 17~20byte left with zero ALTBeacon : Beacon ID (20Bytes)
Beacon Type	Bit5~Bit7 0: Beacon not available 1: iBeacon 2: Eddystone Beacon 3: ALTBeacon
Step	xxxx Step count
Distance	xxxx Walking distance Unit: meter



**Report format of Alarm report messages:**

Protocol Version	Command ID	Longitude	Latitude	GPS Fix Status & Alarm Type	Reserved	Reserved	Battery Capacity	Date & Time	Beacon ID	Beacon Type	RSSI	Tx Power	Heart Rate	Skin Temperature
0C 1 byte	0025 2 bytes	4 bytes	4 bytes	1 byte	1 byte	2 bytes	1 byte	4 bytes	20 bytes	1 byte	1 byte	1 byte	1 byte	2 bytes

**GPS Fix Status & Alarm Type:**

GPS Fix Status	Alarm Type
Bit5~Bit7	Bit0~Bit4
00=not fix,	01=Help
01=2D fix,	02=Man Down
10=3D fix	08=Low heart rate