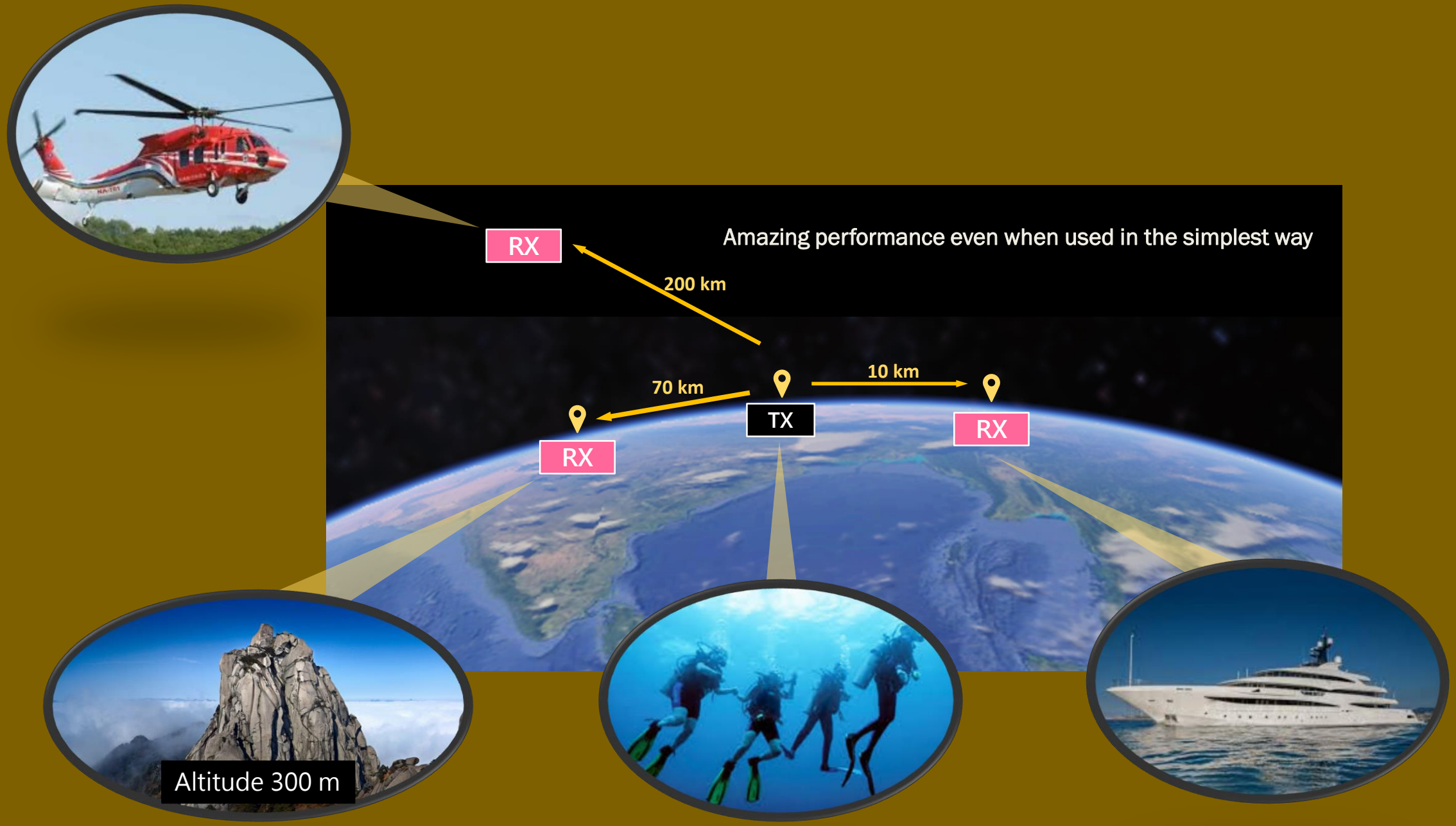
Gpacers Poseidon Tracking Rescue System

# How It Protects

Gpacers

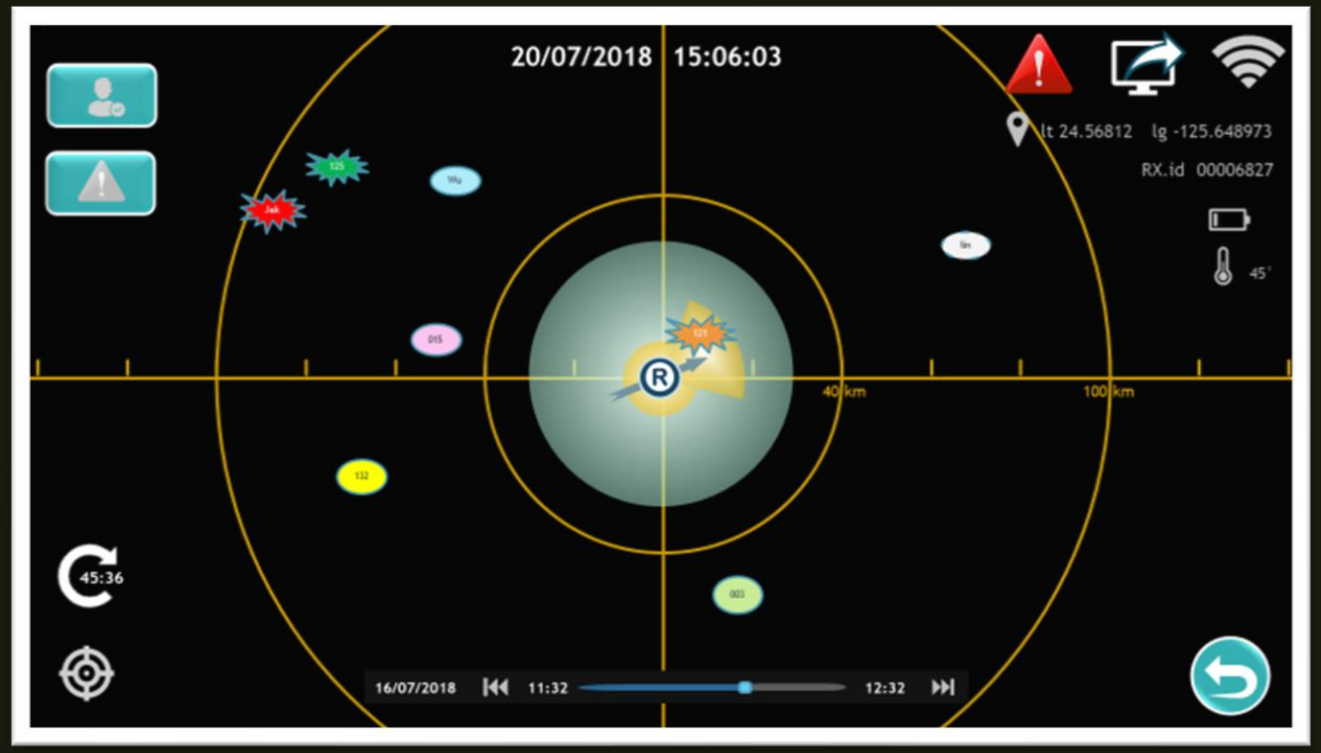
TX
RX
20/07/2018 15:06:03


Amazing performance even when used in the simplest way
RX
200 km
70 km
10 km
TX
RX
RX
Altitude 300 m

# Extend the tracking range to hundreds of km

- Private satellite-like safety surveillance systems can be easily established with repeater mode.

- Long range searching capability is extremely important in rescue missions



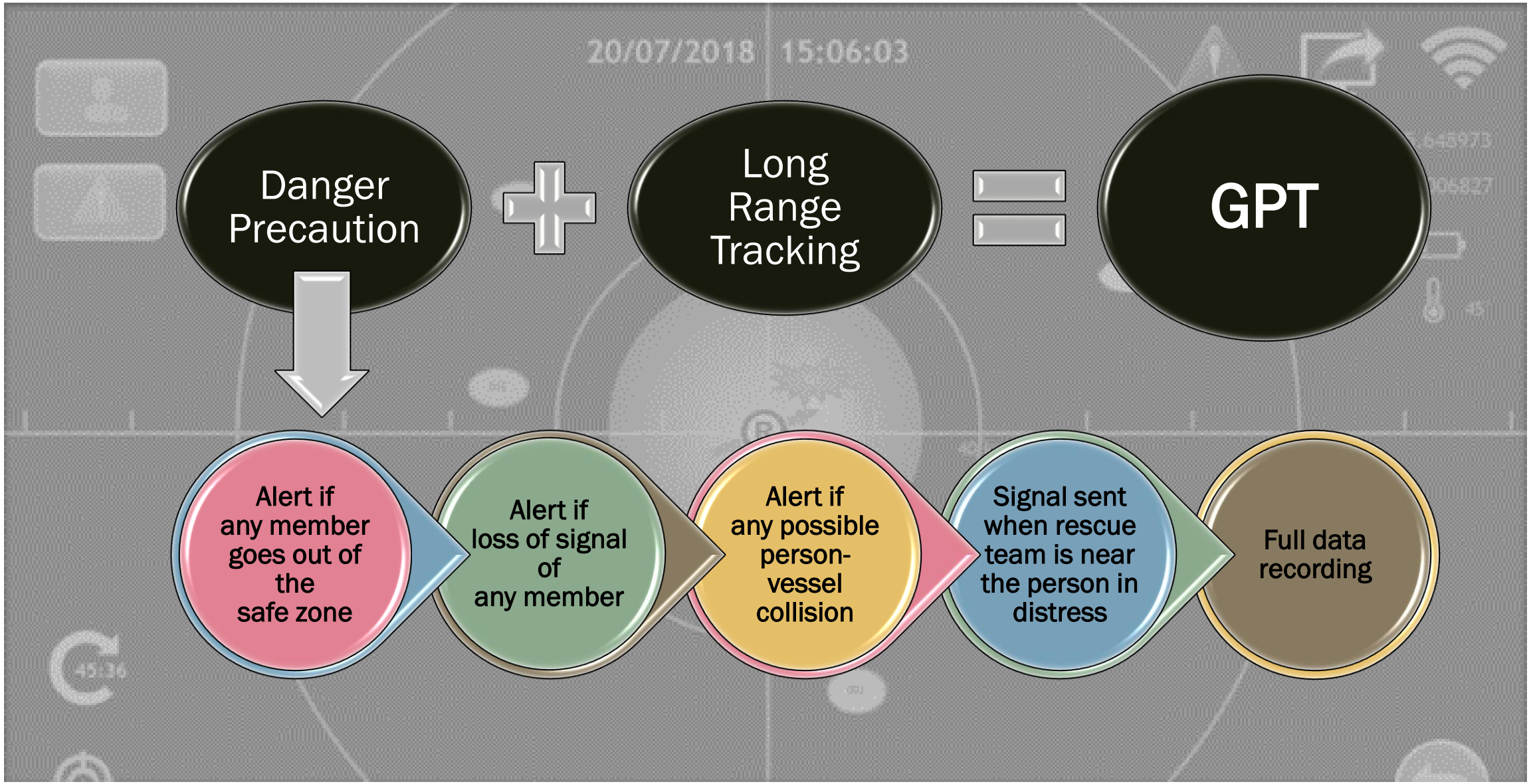

# App Console

# Danger Precaution + Long Range Tracking

- Wi-Fi link between mobile device and receiver
- Open App to monitor all transmitters

# GPT App

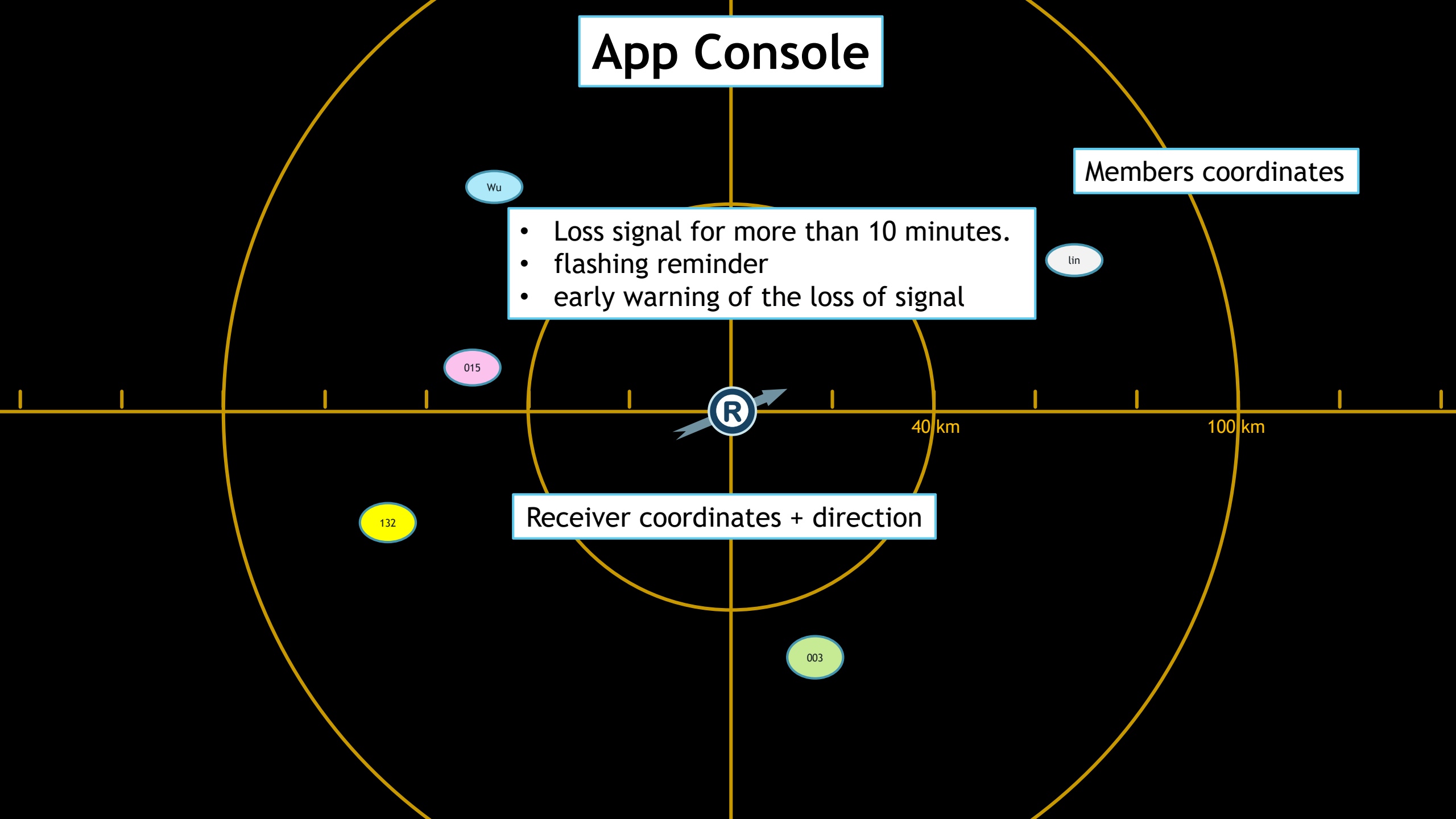
# Safety Surveillance Design


Danger Precaution
Long Range Tracking
GPT
Alert if any member goes out of the safe zone
Alert if loss of signal of any member
Alert if any possible person-vessel collision
Signal sent when rescue team is near the person in distress
Full data recording

# App Console

Members coordinates

- Loss signal for more than 10 minutes.
- flashing reminder
- early warning of the loss of signal




Receiver coordinates + direction

Alert = Red triangle + Alarm

- Release of distress signal cancellation
- No more rescue is needed.

125

Jak

lin

**Any person**
(Bystander or member)
Proactive issuance of distress signals

R

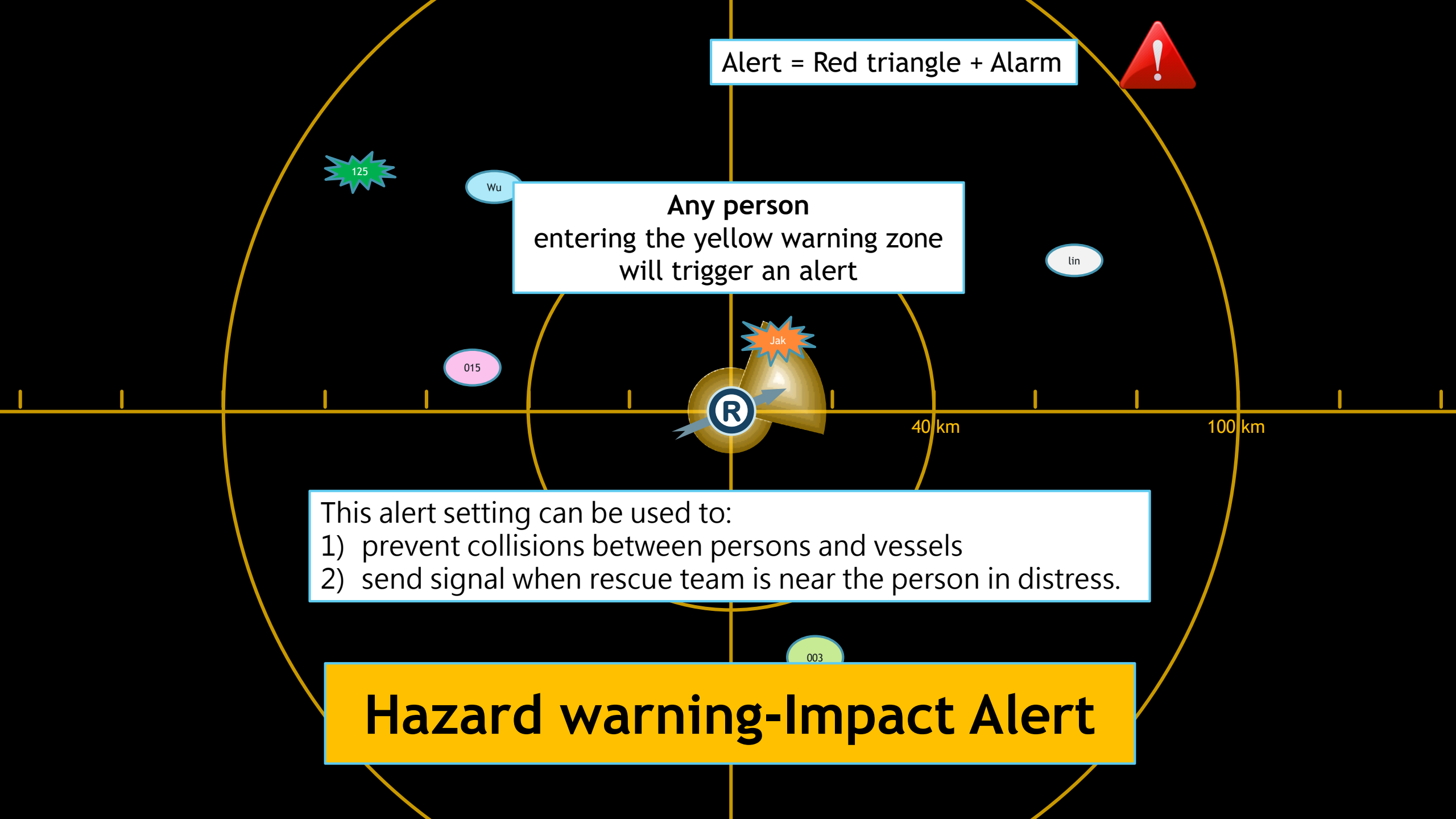
40 km

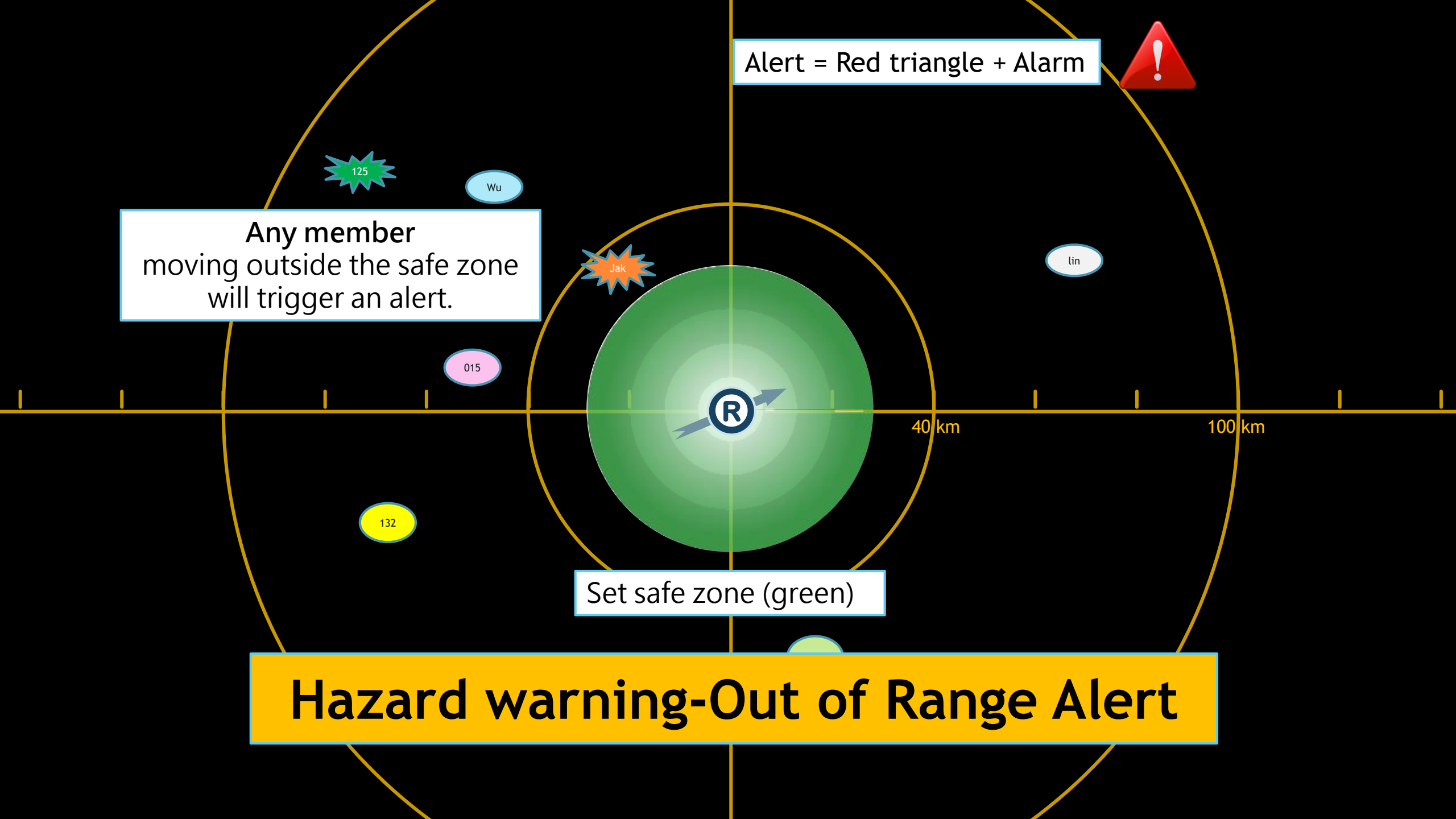
100 km

132

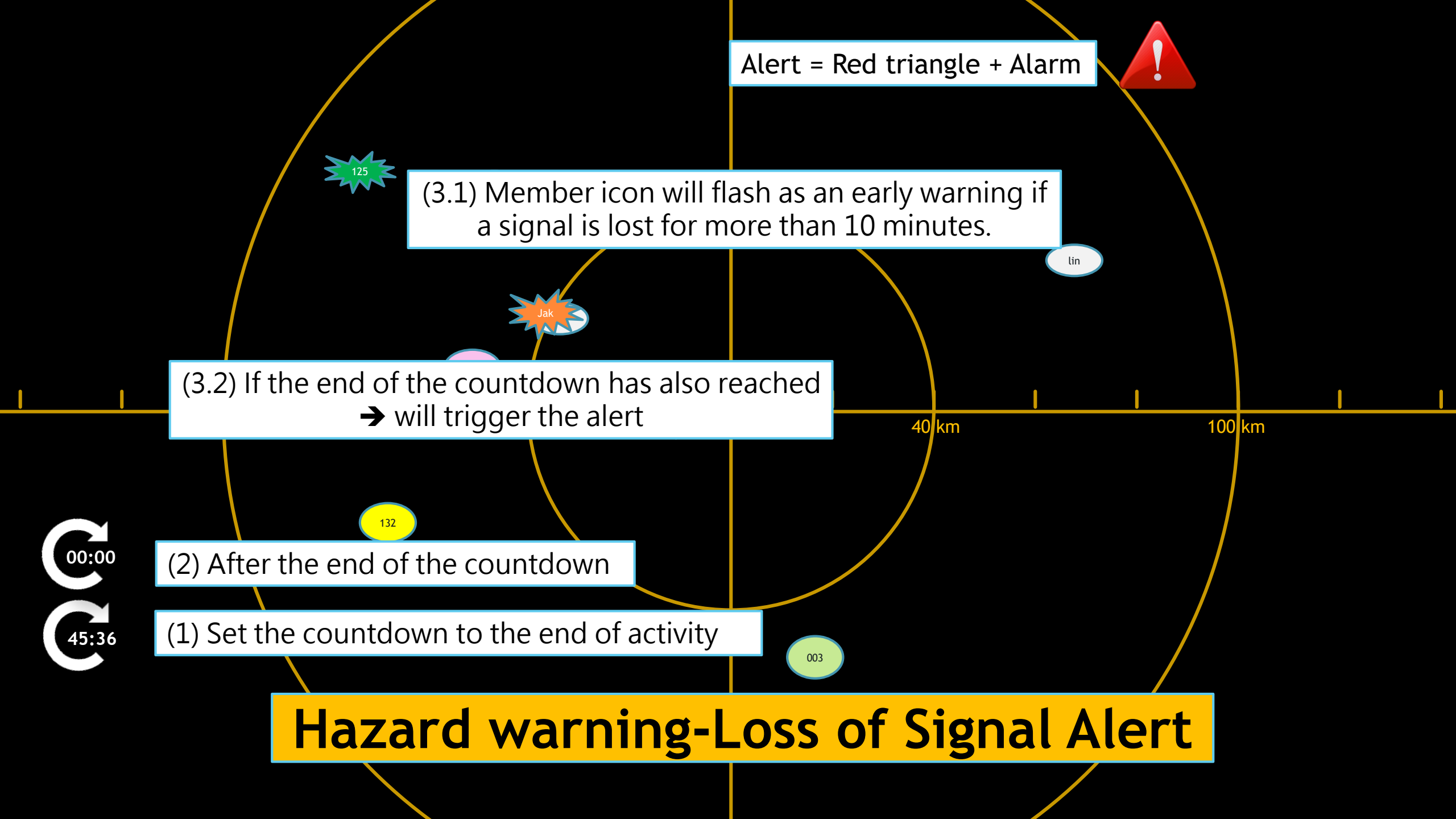
003

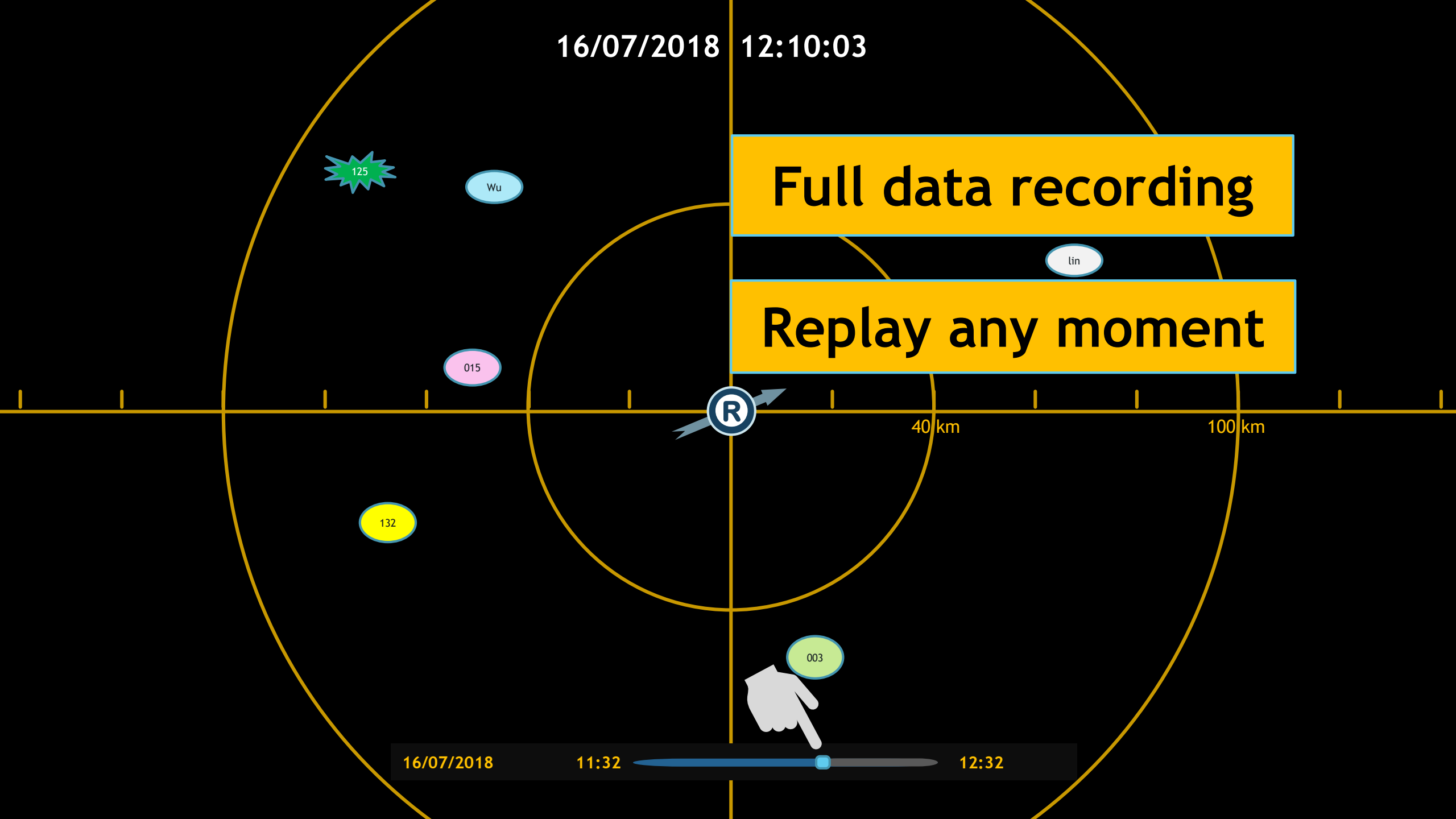
# Distress Alert


Alert = Red triangle + Alarm
125
Wu
Any person
entering the yellow warning zone
will trigger an alert
lin
Jak
015
R
40 km
100 km
This alert setting can be used to:
1) prevent collisions between persons and vessels
2) send signal when rescue team is near the person in distress.
003
Hazard warning-Impact Alert



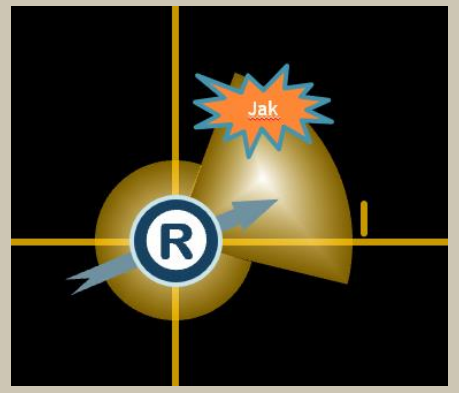

# Hazard warning-Out of Range Alert


Alert = Red triangle + Alarm
125
(3.1) Member icon will flash as an early warning if a signal is lost for more than 10 minutes.
lin
Jak
(3.2) If the end of the countdown has also reached
➔ will trigger the alert
40 km
100 km
132
00:00
(2) After the end of the countdown
45:36
(1) Set the countdown to the end of activity
003
Hazard warning-Loss of Signal Alert


16/07/2018 12:10:03
125
Wu
015
132
lin
003
R
40 km
100 km
Full data recording
Replay any moment
16/07/2018 11:32 12:32

# GPT = Danger Precaution + Long Range Tracking

## Impact Alert




**Any person** in the yellow zone will be shown as an orange star. This alert setting can be used to

(1) prevent collisions between persons and vessels

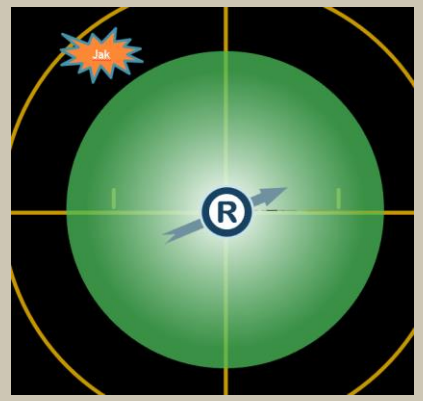
(2) send signal when rescue team is near the person in distress.

## Distress Alert

**Any person** who sends a distress signal will be shown as a red star.

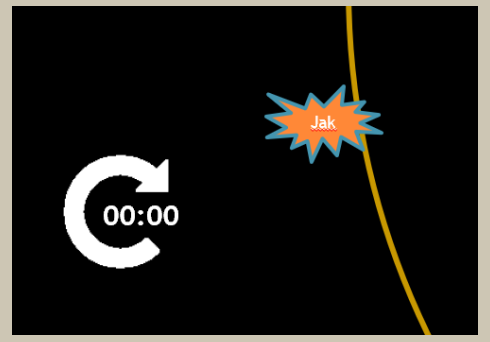
When the distress signal is terminated, it will be displayed as a green star for up to 1 hour to announce the termination of distress status.

## Out of Range Alerts




**Any member** appearing outside the safe zone will trigger an alert.

## Loss of Signal Alert




**Any member**

1. whose signal has not been received for a continuous 10 minutes period, and
2. the set alert countdown clock reached to its end

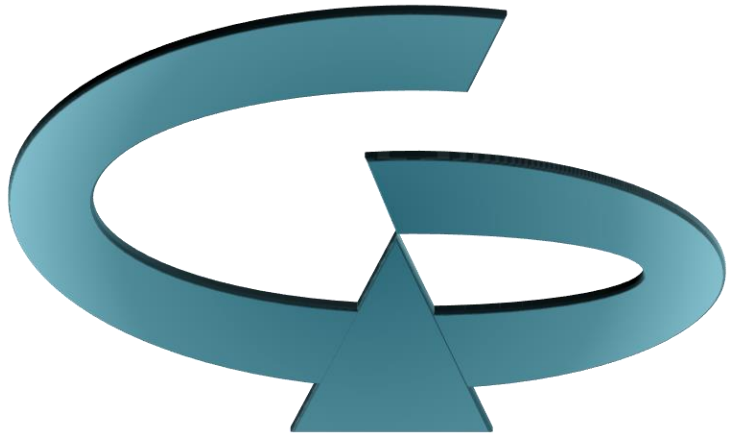
will be displayed at their last known coordinate as an orange star.

# For more information, please refer to :

- An Intro to_Gpacers Poseidon Tracking Rescue System
- Design Basis_Gpacers Poseidon Tracking Rescue System
- System Implementation_Gpacers Poseidon Tracking Rescue System
- How It Protects_Gpacers Poseidon Tracking Rescue System
- How to Use_Gpacers Poseidon Tracking Rescue System

# Download

- GPT App  User's Manual
- Gpacers Poseidon Tracker User’s Manual



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