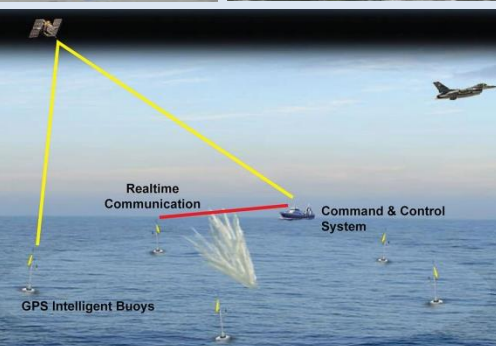
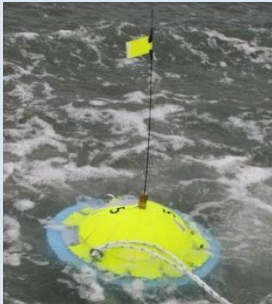


OT-Echo Buoy

The OT-Echo Buoy measure not only speed and direction of the surface current but also water temperature and water depth

The OT-Echo Buoy could be traced by GPS. The user can easily trace and acquire all data through the website which is provided by Oceantech.

This information enable to infer the route and time of the lost articles in case it's carried away by flood or current.



관측시간	위도	경도	(1)와 거리	이전위치와 거리(m)	이동 속도 (cm/s)	이동 속도 (kn)	DEPTH (m)	수온 (℃)
2015-03-21 10:01:00	34.606298333	126.255705	337.1 km	0.94	94	1.83	30.80	9.20
2015-03-21 10:01:01	34.606306666	126.255705	337.1 km	0.93	93	1.81	30.80	9.20
2015-03-21 10:01:02	34.606316666	126.25570333	337.1 km	1.12	112	2.18	30.80	9.20
2015-03-21 10:01:03	34.606326666	126.25570166	337.1 km	1.12	112	2.18	31.10	9.20
2015-03-21 10:01:04	34.606336666	126.25570166	337.1 km	1.12	112	2.17	31.70	9.20
2015-03-21 10:01:05	34.606345	126.2557	337.1 km	0.94	94	1.83	30.90	9.20
2015-03-21 10:01:06	34.606355	126.25569833	337.1 km	1.12	112	2.18	30.80	9.20
2015-03-21 10:01:07	34.606363333	126.25569666	337.1 km	0.94	94	1.83	30.80	9.20
2015-03-21 10:01:08	34.606371666	126.25569666	337.1 km	0.92	92	1.79	30.60	9.20
2015-03-21 10:01:09	34.606381666	126.255695	337.1 km	1.12	112	2.18	30.60	9.20
2015-03-21 10:01:10	34.606391666	126.255695	337.1 km	1.11	111	2.16	30.70	9.20
2015-03-21 10:01:11	34.606401666	126.25569333	337.1 km	1.12	112	2.18	30.80	9.20
2015-03-21 10:01:12	34.60641	126.25569	337.1 km	0.97	97	1.89	30.80	9.20
2015-03-21 10:01:13	34.60642	126.25568833	337.1 km	1.13	113	2.19	30.70	9.20
2015-03-21 10:01:14	34.606428333	126.25568666	337.1 km	0.94	94	1.84	30.70	9.20
2015-03-21 10:01:15	34.606438333	126.255685	337.1 km	1.12	112	2.18	30.80	9.20
2015-03-21 10:01:16	34.606446666	126.255685	337.1 km	0.93	93	1.80	30.90	9.20
2015-03-21 10:01:17	34.606456666	126.25568333	337.1 km	1.12	112	2.18	30.90	9.20

Echo Sensor

Water Depth :	Range	Accuracy
	0.5 ~ 100m	± 3 cm
Water Temperature :	Range	Accuracy
	0 ~ 30 ℃	± 0.5 ℃
Thermistor :	10 kΩ NTC	
Acoustic Window :	Urethane	

GPS

Receiver type :	50-Channel u-blox 6 engine GPS L1 C/A code SBAS: WAAS, EGNOS, MSAS			
Accuracy :	GPS	SBAS		
	2.5m CEP	2.0m CEP		
Acquisition :	Starts	Cold	Aided	Hot
	NEO-6G/Q	26 s	1 s	1 s

Controller

Communication :	CDMA or Iridium
Storage :	8 GB micro SD card
Navigation rate :	Up to 1 Hz

Float

Height/Diameter :	550mm / 420mm
Weight (in air) :	8.3kg
Material :	Polycarbonate, Stainless Steel

Power

Battery type :	Rechargeable Lead Storage Battery
Power type :	12V 12A

- ✓ **Patented Technology : No.2014-0143353**
- ✓ **Technology transfer agreement with KIOST**