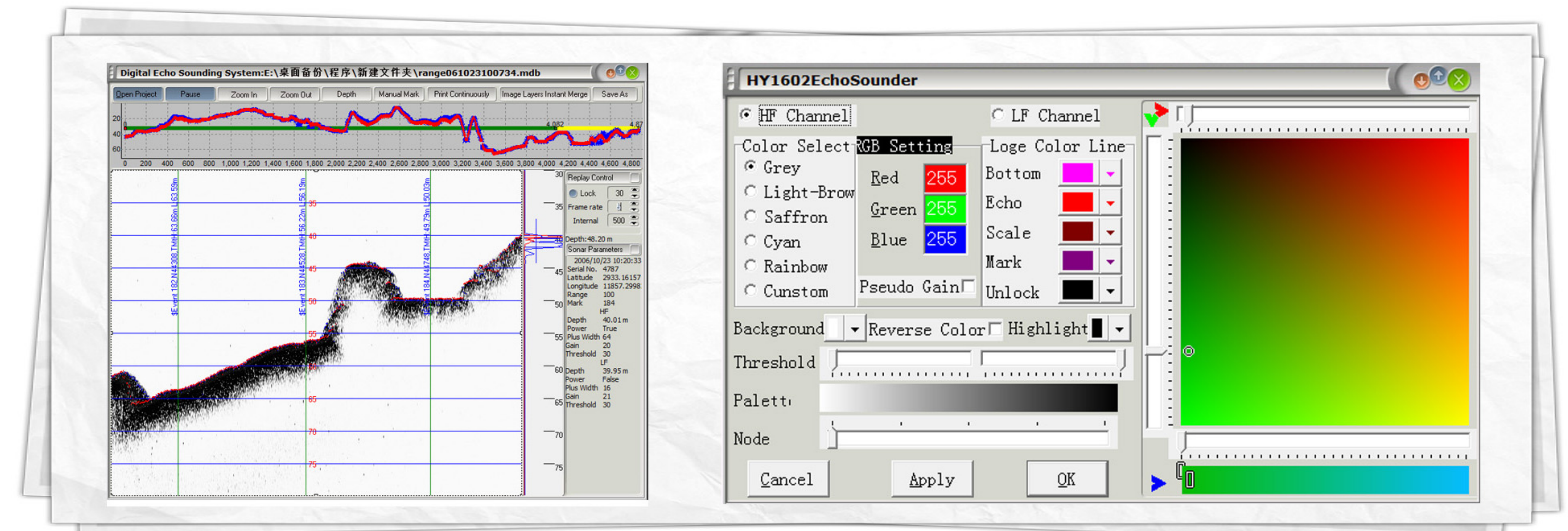
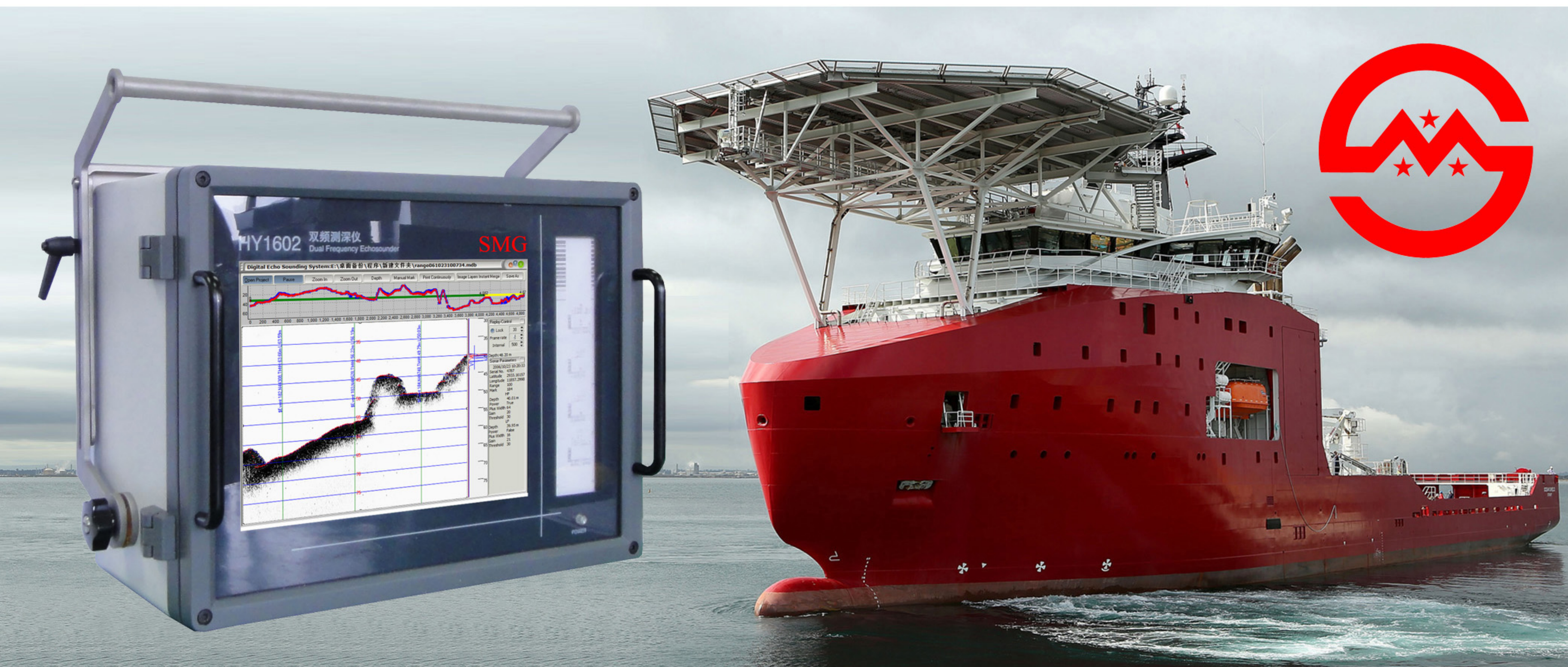


SMART MAX GEOSYSTEMS

HY1602 DUAL FREQUENCY PC PLATFORM ECHOSOUNDER



SPECIFICATIONS

Frequency: 208KHZ/24KHZ
 Transducer Beam:
 High Frequency: 208KHZ, <= 8 degrees
 Low Frequency: 24KHZ, <= 20degrees
 Depth range for High Frequency: 0.5m-300m @ 208KH
 Depth range for Low Frequency: 1m-2000m @ 24KHZ
 Accuracy: 0.01m ± 0.1% @ 208K; 0.10m ± 0.1% @ 24K
 Output power: 200W @ 208KHZ; 500W @ 24KHZ
 Power Supply: 22-31V DC or 180-260V AC
 Consumption Power: 100W
 Recording: Echogram Large capability hard disk storage and Thermal chart paper recording

COMPOSITION

Main Unit
 Dimensions: 400 × 200 × 310mm
 Weight: 17.5kg

Transducer
 Weight: 20kg
 Cable Length: 15m (adjustable)

Supporting Tube
 Dimensions: 3 × 1.5m
 Weight: 13kg

HY1602 Dual Frequency Echo Sounder System, with DSP and digital imaging technology, embedded industrial control system and data acquisition software, is an all-in-one PC based dual frequency echo sounder, which can output both echogram and chart paper result simultaneously. Its main features as follows: Standard computer for easy operation interface and data storage, advanced bottom digitizer, internal large storage of data to file with time reference, digitized depth, position heave and annotations. It is a perfect choice for surveying in the river, lake, ocean and so on.

- ★ Dual frequency, and Double channel
- ★ Output both echogram and chart paper result simultaneously
- ★ Based on the computer platform and have a slave display
- ★ TVG/AVG dynamic adjustment, reinforced anti-jamming ability
- ★ Low noise receiving ability and space filter, Time filter adjustment
- ★ High speed USB interface, huge storage capacity
- ★ Echogram output for real time display, storage, playback and printing.
- ★ Multi-ports communication for GPS, motion sensors and so on
- ★ Bundled data acquisition software like HYPACK, EIVA.
- ★ AC/DC Power supply



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