NAVIGATIONAL ECHO SOUNDER
JFE-680

- **High-resolution and clearly display (10.4" TFT LCD)**
- **Built-in printer for copy of the echogram history**
- **High accuracy and high reliability**
- **Depth data for last 24 hours in memory to play back the past sounding information**
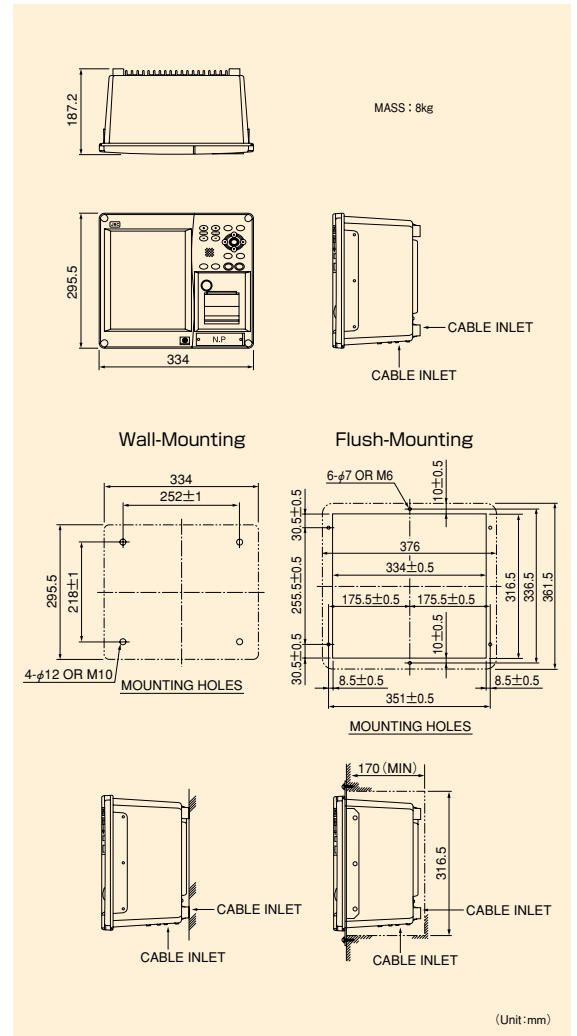- **Meets IMO standards MSC.74 (69) Annex 4**

JRC *Japan Radio Co., Ltd.*

■SPECIFICATIONS

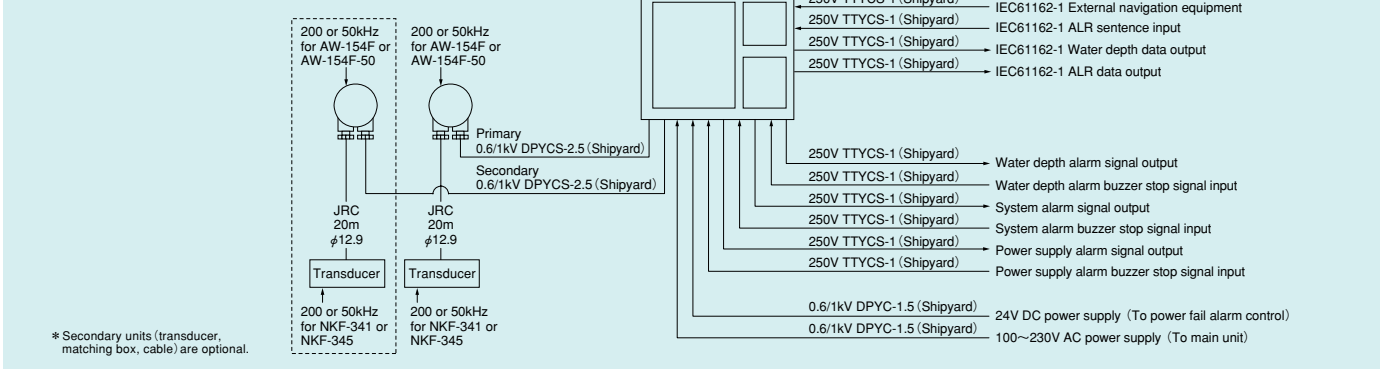|	
Display	10.4" Color TFT LCD（640x480 pixels）
Frequency	200kHz / 50kHz
Echo color	8 colors or 8 level monochrome
Digital depth	4 digit（0.1m）
Range	10, 20, 50, 100, 200, 500, 800m
Deopth accuracy	±2.5%
Minimum sounding depth	200kHz : 1.0m, 50kHz : 2m
Draft adjust	50m in 0.1m steps
TX pulse repetition rate	171PRR（10, 20, 50m）
	86PRR（100, 200m）
	43PRR（500, 800m）
Presentation mode	Standard, History, Docking
Time range of echo display	5, 10, 20, 30min
Auto function	Gain, Range
Alarm function	Depth, Power fail, System error
Preview function	24hour
Transducer	200kHz : UT-200ND
	50kHz　: UT-50MD
Power supply	100-115/200-230VAC±15%, 50Hz/60Hz±5%
	24VDC（only use for power fail monitoring）
Power consumption	less than 50W
Waterproofing	IPX2 drip proof

■COMPONENT

	Name	Type No.	Qty	Remarks
	Display unit	JFE-680	1	
	Matching box（primary）	AW-154F	1	200kHz
	Transducer mounting（primary）	NKF-341	1	200kHz (with cable 20m)
Option	Matching box (secondary)	AW-154F	1	200kHz
		AW-154F-50	1	50kHz
	Transducer mounting (secondary)	NKF-341	1	200kHz (with cable 20m)
		NKF-345	1	50kHz (with cable 20m)
	Printer paper	7ZPJD0384	1	
	Flush mounting kit	BRBX05351	1	Color : MUNSELL N4
		BRBX05355	1	Color : MUNSELL 7.5BG7/2
		BRBX05354	1	Color : MUNSELL 2.5G7/2
	Table mounting kit	BRBX05340	1	

■OUTLINE DRAWING

MASS : 8kg

187.2

295.5

334

CABLE INLET

CABLE INLET

Wall-Mounting

334
252±1
295.5
218±1
4-φ12 OR M10　MOUNTING HOLES

Flush-Mounting

6-φ7 OR M6
110±0.5
30.5±0.5
255.5±0.5
376
334±0.5
175.5±0.5　175.5±0.5
316.5
336.5
361.5
30.5±0.5
10±0.5
8.5±0.5　8.5±0.5
351±0.5
MOUNTING HOLES

170（MIN）
316.5

CABLE INLET
CABLE INLET

CABLE INLET
CABLE INLET

（Unit：mm）

■CONFIGRATION

200 or 50kHz for AW-154F or AW-154F-50

200 or 50kHz for AW-154F or AW-154F-50

Primary 0.6/1kV DPYCS-2.5（Shipyard）
Secondary 0.6/1kV DPYCS-2.5（Shipyard）

JRC 20m φ12.9

JRC 20m φ12.9

Transducer

Transducer

200 or 50kHz for NKF-341 or NKF-345

200 or 50kHz for NKF-341 or NKF-345

＊Secondary units（transducer, matching box, cable）are optional.

250V TTYCS-1（Shipyard）— IEC61162-1 External navigation equipment
250V TTYCS-1（Shipyard）— IEC61162-1 ALR sentence input
250V TTYCS-1（Shipyard）— IEC61162-1 Water depth data output
250V TTYCS-1（Shipyard）— IEC61162-1 ALR data output

250V TTYCS-1（Shipyard）— Water depth alarm signal output
250V TTYCS-1（Shipyard）— Water depth alarm buzzer stop signal input
250V TTYCS-1（Shipyard）— System alarm signal output
250V TTYCS-1（Shipyard）— System alarm buzzer stop signal input
250V TTYCS-1（Shipyard）— Power supply alarm signal output
250V TTYCS-1（Shipyard）— Power supply alarm buzzer stop signal input

0.6/1kV DPYC-1.5（Shipyard）— 24V DC power supply（To power fail alarm control）
0.6/1kV DPYC-1.5（Shipyard）— 100～230V AC power supply（To main unit）

•Specifications may be subject to change without notice.

For further information, contact: