

# EM 122 - overview

KONGSBERG

## Dual swath mode

Mode	Depth	Typical total coverage		TX pulse (ms)		Dual swath #1 frequency (kHz)		Dual swath #2 frequency (kHz)		Starboard	
		Deg	Meter	Port		Port		Starboard		Starboard	
Shallow	18-450	> 144		3 ms 11 kHz 12.2 kHz	3 11.6 13.4	3 12.8 18.4	3 12.8 18.4	3 12.8 18.4	3 12.8 18.4	3 12.8 18.4	3 12.8 18.4
Medium	450-1800	> 144		5 11 11.5	5 12 13.4	5 11.25 12.75	5 11.25 12.75	5 11.25 12.75	5 11.25 12.75	5 11.25 12.75	5 11.25 12.75
Deep	1080-2680	> 144	6000	15 11.6 11.9	15 12.8 13.1	8 12.2 12.5	8 12.2 12.5	8 12.2 12.5	8 12.2 12.5	8 12.2 12.5	8 12.2 12.5
Deep'	2680-5080	144	16000	40 11.6 11.9	25 11 11.3	8 12.2 12.5	8 12.2 12.5	8 12.2 12.5	8 12.2 12.5	8 12.2 12.5	8 12.2 12.5
Very Deep *	5080-11000	148	28000	138	116	108	11.5	60	11	40	12.35
Very Deep *	9000-11000	108	25000	108	108	108	11.5	60	11	40	12.35

\* Very Deep mode does not have dual swath.  
FM pulse form is used if pulse length > 15 ms.  
Deep' is same as Deep, but uses FM instead of CW in outer sectors.