

Naval

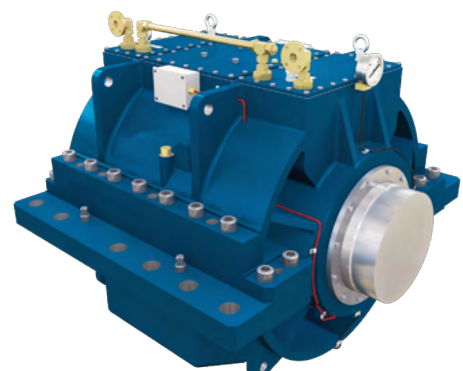
Michell Bearings has over 100 years' of experience in designing bearings for the naval industry.

The company's bearings are installed on more than 500 vessels for over 41 navies across the world, from aircraft carriers, destroyers and frigates to fast combat ships and submarines. Michell Bearings has a long history of producing exceptionally engineered bearings that withstand the test of time.



Our in house engineering team has provided innovative engineering solutions to suit each individual application, including various thrust and radial bearing configurations. Our designs are proven to withstand shock conditions and can include self-contained water cooling features, thrust measurement and resonance changing capability.

- Main propulsion thrust blocks
- Propeller shaft bearings
- Propulsion motor bearings
- Gearbox thrust internals
- Bulkhead sealing glands
- Ancillary equipment
- Thrust meter and vibration damping system



2022	UK - Type 26 Batch II (Global Combat Ship) Frigate (5 ships)	JP - Taigei Class (SSK) Submarine (1 boat)	SKO - KDXIII Batch II Sejong the Great Class (DDG) Destroyer (1 ship)	SKO - FFX Batch III Ulsan Class (FFG) Frigate (1 ship)	US - Constellation Class (FFG) Frigate (2 ships)			
2021	IT - Bergamini Class (FFG) Frigate (2 ships)	JP - Taigei Class (SSK) Submarine (1 boat)	UK - Dreadnought Class (SSBN) Submarine (1 boat)	USA - Polar Security Cutter Class (PSC) Icebreaker (1 ship)				
2020	JP - Taigei Class (SSK) Submarine (1 boat)	SKO - KDX III Batch II Sejong the Great Class (DDG) Destroyer (1 ship)	SKO - FFX Batch III Ulsan Class (FFG) Frigate (1 ship)					
2019	JP - Taigei Class (SSK) Submarine (1 boat)	SKO - ASR-II (ASR) Submarine Rescue Ship (1 ship)	US - Freedom Class (LCS) Littoral Combat Ship (1 ship)					
2018	JP - Soryu Class (SSK) Submarine (1 boat)	QA - Doha Class (FFG) Frigate (4 ships)	QA - Musherib Class (OPV) (2 ships)	SA - Multi-Mission Surface Combatant (MMSC) Frigate (4 ships)	UK - Dreadnought Class (SSBN) Submarine (1 boat)	US - Freedom Class (LCS) Littoral Combat Ship (2 ships)	US - National Security Cutter (NSC) Patrol Boat (1 ship)	
2017	UK - Type 26 (Global Combat Ship) Frigate (3 ships)	TW - Mine Counter Measure Vessel (MCMV) (1 ship)	US - National Security Cutter Class (NSC) Patrol Boat (1 ship)	JP - Soryu Class (SSK) Submarine (1 boat)	UK - Dreadnought Class (SSBN) Submarine (1 boat)	SKO - FFX Incheon Class (FFG) Frigate (7 ships)		
2016	IT - FREMM Bergamini Class (FFG) Frigate (2 ships)	JP - Soryu Class (SSK) Submarine (1 boat)	US - Freedom Class (LCS) Littoral Combat Ship (1 ship)	SKO - Morado Class (LPX-II) Amphibious Assault Ship (1 ship)	SKO - ATX Training Ship (1 ship)			
2015	FR - Barracuda Class (SSN) Submarine (1 boat)	JP - Soryu Class (SSK) Submarine (1 boat)	SKO - AOE-II (AOE) Fast Combat Support Ship (1 ship)	US - National Security Cutter Class (NSC) Patrol Boat (2 ship)	US - Freedom Class (LCS) Littoral Combat Ship (1 ship)			
2014	FR - FREMM Aquitaine Class (FFG) Frigate (2 ships)	IT - FREMM Bergamini Class (FFG) Frigate (2 ships)	JP - Soryu Class (SSK) Submarine (1 boat)	SKO - FFX Incheon Class (FFG) Frigate (1 ship)	UK - Astute Class (SNN) Submarine (1 boat)	US - Freedom Class (LCS) Littoral Combat Ship (2 ships)	US - National Security Cutter Class (NSC) Patrol Boat (1 ship)	
2013	JP - Soryu Class (SSK) Submarine (1 boat)	SKO - FFX Incheon Class (FFG) Frigate (1 ship)	SKO - Nampo Class (MLS) Minelaying Ship (1 ship)	UK - Astute Class (SNN) Submarine (1 boat)	US - Freedom Class (LCS) Littoral Combat Ship (2 ships)			
2012	FR - Barracuda Class (SNN) Submarine (1 boat)	FR - FREMM Aquitaine Class (FFG) Frigate (1 ship)	JP - Soryu Class (SSK) Submarine (1 boat)	SKO - Cheon Wang Bong Class (LST) Amphibious Landing Ship (3 ships)	SKO - FFX Incheon Class (FFG) Frigate (2 ships)	SKO - Tongyeong Class (ATS) Salvage and Rescue Ship (1 ship)	US - Freedom Class (LCS) Littoral Combat Ship (2 ships)	US - National Security Cutter Class (NSC) Patrol Boat (1 ship)
2011	FR - FREMM Aquitaine Class (FFG) Frigate (2 ships)	SKO - Cheon Wang Bong Class (LST) Amphibious Landing Ship (1 ship)	SKO - FFX Incheon Class (FFG) Frigate (2 ship)	SKO - Tongyeong Class (ATS) Salvage and Rescue Ship (1 ship)	UK - Astute Class (SNN) Submarine (1 boat)	US - Freedom Class (LCS) Littoral Combat Ship (2 ships)	US - National Security Cutter Class (NSC) Patrol Boat (1 ship)	
2010	FR - Barracuda Class (SNN) Submarine (1 boat)	FR - FREMM Aquitaine Class (FFG) Frigate (1 ship)	IT - FREMM Bergamini Class (FFG) Frigate (4 ships)					
2009	EG - FREMM Tahaia Mir Class (FFG) Frigate (1 ship)	FR - FREMM Aquitaine Class (FFG) Frigate (2 ships)	JP - Soryu Class (SSK) Submarine (1 boat)	MR - FREMM Mohammed VI Class (FFG) Frigate (1 ship)	SKO - FFX Incheon Class (FFG) Frigate (1 ship)			
2008	FR - Barracuda Class (SNN) Submarine (1 boat)	UK - Queen Elizabeth Class (CVP) Aircraft Carrier (2 ships)	UK - Astute Class (SNN) Submarine (1 boat)	US - National Security Cutter Class (NSC) Patrol Boat (1 ship)				
2007	JP - Soryu Class (SSK) Submarine (1 boat)	SP - S-80 Isaac Peral Class (SSK) Submarine (4 boats)	US - Howard O Lorenson (T-AGM-25) Missile Range Instrumentation Ship (1 ship)					
2006	FR - FREMM Aquitaine Class (FFG) Frigate (1 ship)	IT - FREMM Bergamini Class (FFG) Frigate (2 ships)	US - Freedom Class (LCS) Littoral Combat Ship (1 ship)	US - National Security Cutter Class (NSC) Patrol Boat (1 ship)				
2005	JP - Soryu Class (SSK) Submarine (1 boat)	US - National Security Cutter Class (NSC) Patrol Boat (1 ship)						
2004	SKO - KDX III Sejong the Great Class (DDG) Destroyer (3 ships)	US - Freedom Class (LCS) Littoral Combat Ship (1 ship)						
2003	SKO - Dokdo Class (LPX) Amphibious Assault Ship (1 ship)	US - National Security Cutter Class (NSC) Patrol Boat (1 ship)						
2002	FR - Horizon Class (FFG) Frigate (2 ships)	IT - Orizzonte Class (FFG) Frigate (2 ships)	SG - Formidable Class (FFG) Frigate (6 ships)	SKO - KDX II Chungmugong Yi Sun-sin Class (DDG) Destroyer (3 ships)	UK - Type 45 Daring Class (DDG) Destroyer (6 ships)			
2001	FR - Le Triumphant Class (SSBN) Submarine (1 boat)	ZA - Valour Class (FSG) Corvette (4 ships)						
2000	AU - Anzac Class (FFG) Frigate (2 ships)	ID - Bung Tomo Class (FSG) Corvette (2 ships)	IT - Commandante Class (OPV) Offshore Patrol Vessel (3 ships)	SA - Al Riyadh Class (FFG) Frigate (1 ship)	UK - Astute Class (SNN) Submarine (3 boats)			
1999	AU - Anzac Class (FFG) Frigate (1 ship)	SA - Al Riyadh Class (FFG) Frigate (1 ship)	ID - Bung Tomo Class (FSG) Corvette (1 ship)	IT - Commandante Class (OPV) Offshore Patrol Vessel (1 ship)	SKO - KDX II Chungmugong Yi Sun-sin Class (DDG) Destroyer (3 ships)			