

<b>TAC Number</b>	304	<b>TAC Date</b>	23-JUL-2018	<b>TAC Rev. date</b>	21-JAN-2019
<b>Beacon Model Name</b>	FAST FIND RANGER				
<b>Additional Names</b>	Z424				
<b>Manufacturer</b>	Orolia Limited				
<b>Tx Frequencies</b>	406.031 MHz				
<b>In Production</b>	in production			<b>Class</b>	2
<b>Type</b>	PLB			<b>Tested Life (hours)</b>	24
<b>Battery</b>	Lithium Manganese Dioxide, GP GPCR123A (2/3A size, 4 cells)				
Battery Legend: Battery cell manufacturer, Cell chemistry, Cell model, No. of cells, Cell size.					
<b>Protocols tested</b>	UL - User-Location, SL - Standard Location, NL - National Location.				
<b>Self Test</b>	yes	<b>Self Test RF</b>	yes	<b>Self Test RF (Short/Long)</b>	long
<b>Self Test Format Flag</b>	long			<b>Self Test Consistent with 15 Hex ID</b>	yes
<b>Homer Freq</b>	121.5 MHz			<b>Homer Duty Cycle</b>	99%
<b>Homer Power</b>	19 dBm				
<b>Strobe Light</b>	no	<b>Strobe Brightness</b>	N/A	<b>Strobe Duty Cycle</b>	N/A
<b>Nav Device</b>	Int	<b>Nav Device Model</b>	uBlox model "NEO-M8N"		
<b>Separable Antenna</b>	no	<b>Antenna Model</b>	Integrated antenna		
<b>Additional functions</b>	GNSS Self-test				
<b>General comments</b>	(1) Model 'Z424' is a variant of the base model Fastfind PLB 220 which has slightly different case dimensions, (2) tested in PLB configurations only, corresponding to beacon operation while "on ground" and "above ground". (3) Demonstrated full compliance with C/S Standards: C/S T.001 Issue 4 - Rev.3 (June 2018), C/S T.007 Issue 5 - Rev.2 (June 2018). (4) Approved for message encoding with variants of Standard Location Protocol for EPIRB with MMSI, EPIRB with Serial Number, PLB with Serial Number, variants of User Location Protocol for Maritime with MMSI, Maritime with Radio Call Sign, EPIRB Non Float Free with Serial Number, Radio Call Sign, and PLB with Serial Number, and variants of National Location Protocols for EPIRB and PLB.				
<b>TAC rev history</b>	(1) 6-Feb-09: original TAC 194 issued for Signature Industries Ltd.; (2) 5-Aug-09: first extension TAC 200 issued; (3) 18-Nov-09: TAC 200 re-issued in the name of McMurdo Ltd.; (4) 29-Mar-10: second extension TAC 203 issue; (5) 15-Apr-11: third extension TAC 217 issue; (6) 20-MAR-12: Additional names Z421 (Fastfind 220) and Z422 (Fastfind Ranger) added; (7) 1-Apr-12: TAC 217 re-issued in the name of Orolia Limited, UK; (8) 24-May-12: Fourth extension TAC 229 issued; (9) 6-Aug-13: Fifth extension TAC 243 assigned; (10) 10-Apr-15: Sixth extension TAC 263 assigned; (11) 14-Nov-16: Seventh extension TAC 281 assigned; (12) 4-Oct-17: Eighth extension TAC 292 assigned; (13) 13-Oct-17: Replacement of GNSS Chip to UBLOX "LEA 6A" approved; (14) 21-Jan-2019: Change to TAC 292 approved for related models to Fastfind 220 PLB as previously				

approved on TAC 304.