

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

OMB APPROVAL

OMB Number: 3235-0287

Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * <u>McDonald Damien</u>			2. Issuer Name and Ticker or Trading Symbol <u>LivNova PLC [LIVN]</u>		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <div>Director10% Owner</div> <div><input checked="" type="checkbox"/> Officer (give title below)Other (specify below)</div> <div>CEO</div>	
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>11/04/2017</u>			
<u>20 EASTBOURNE TERRACE</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)		6. Individual or Joint/Group Filing (Check Applicable Line) <div><input checked="" type="checkbox"/> Form filed by One Reporting Person</div> <div>Form filed by More than One Reporting Person</div>	
(Street)						
<u>LONDON</u>	<u>X0</u>	<u>W2 6LG</u>				
(City)	(State)	(Zip)				

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	11/04/2017		A		16,745	A	\$81.76	16,745	D	
Common Stock	11/04/2017		F		5,609 ⁽¹⁾	D	\$81.76	11,136	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date					
Restricted Stock Units	(2)	11/04/2017		M		16,745	(3)	(3)	Ordinary Shares	\$0	50,234	D	

Explanation of Responses:

1. The referenced shares were withheld from distribution at the request of reporting person. Such shares were forfeited and the associated value was used to offset the tax liability associated with the November 4, 2017 vesting of 16,745 restricted stock units (RSUs).
2. Each restricted stock unit ("RSU") represents a contingent right to receive one ordinary share ("Ordinary Share") of LivNova PLC (the "Company") or, at the option of the Company, a cash settlement in accordance with the terms of the LivNova PLC 2015 Incentive Award Plan.
3. The reporting person was granted RSUs subject to a four-year vesting schedule, vesting 25% on each of the next four anniversaries of November 4, 2016. The RSUs are subject to forfeiture prior to vesting in accordance with the terms of the LivNova PLC 2015 Incentive Award Plan.

Remarks:

/s/ Sarah K. Mohr as POA11/09/2017

** Signature of Reporting PersonDate

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.