

| Channel Name(s)           | Units   | Description  |
|---------------------------|---|--|
| RootFxr, RootFyr, RootFzr | (N), (N), (N)   | Root reaction forces expressed in r  |
| RootMxr, RootMyr, RootMzr | (N m), (N m), (N m)   | Root reaction moments expressed in r   |
| TipTDxr, TipTDyr, TipTDzr | (m), (m), (m)   | Tip translational deflection (relative to the undeflected position) expressed in r   |
| TipRDxr, TipRDyr, TipRDzr | (-), (-), (-)   | Tip angular/rotational deflection Wiener-Milenković parameter (relative to the undeflected orientation) expressed in r             |
| TipTVXg, TipTVYg, TipTVZg | (m/s), (m/s), (m/s)   | Tip translational velocities (absolute) expressed in g   |
| TipRVXg, TipRVYg, TipRVZg | (deg/s), (deg/s), (deg/s)   | Tip angular/rotational velocities (absolute) expressed in g  |
| TipTAXg, TipTAYg, TipTAZg | (m/s <sup>2</sup> ), (m/s <sup>2</sup> ), (m/s <sup>2</sup> )       | Tip translational accelerations (absolute) expressed in g  |
| TipRAXg, TipRAYg, TipRAZg | (deg/s <sup>2</sup> ), (deg/s <sup>2</sup> ), (deg/s <sup>2</sup> ) | Tip angular/rotational accelerations (absolute) expressed in g   |
| NβFxl, NβFyl, NβFzl       | (N), (N), (N)   | Sectional force resultants at Nβ expressed in l  |
| NβMxl, NβMyl, NβMzl       | (N m), (N m), (N m)   | Sectional moment resultants at Nβ expressed in l   |
| NβTDxr, NβTDyr, NβTDzr    | (m), (m), (m)   | Sectional translational deflection (relative to the undeflected position) at Nβ expressed in r                                     |
| NβRDxr, NβRDyr, NβRDzr    | (-), (-), (-)   | Sectional angular/rotational deflection Wiener-Milenković parameter (relative to the undeflected orientation) at Nβ expressed in r |
| NβTVXg, NβTVYg, NβTVZg    | (m/s), (m/s), (m/s)   | Sectional translational velocities (absolute) at Nβ expressed in g   |
| NβRVXg, NβRVYg, NβRVZg    | (deg/s), (deg/s), (deg/s)   | Sectional angular/rotational velocities (absolute) at Nβ expressed in g  |
| NβTAXg, NβTAYg, NβTAZg    | (m/s <sup>2</sup> ), (m/s <sup>2</sup> ), (m/s <sup>2</sup> )       | Sectional translational accelerations (absolute) at Nβ expressed in g  |
| NβRAXg, NβRAYg, NβRAZg    | (deg/s <sup>2</sup> ), (deg/s <sup>2</sup> ), (deg/s <sup>2</sup> ) | Sectional angular/rotational accelerations (absolute) at Nβ expressed in g   |
| NβPFxl, NβPFyl, NβPFzl    | (N), (N), (N)   | Applied point forces at Nβ expressed in l  |
| NβPMxl, NβPMyl, NβPMzl    | (N m), (N m), (N m)   | Applied point moments at Nβ expressed in l   |
| NβDFxl, NβDFyl, NβDFzl    | (N/m), (N/m), (N/m)   | Applied distributed forces at Nβ expressed in l  |
| NβDMxl, NβDMyl, NβDMzl    | (N m/m), (N m/m), (N m/m)   | Applied distributed moments at Nβ expressed in l   |