**Phụ lục II**

**BẢNG CHUYỂN ĐỔI HỆ TỌA ĐỘ CÁC ĐIỂM**

*(Ban hành kèm theo Quyết định số /QĐ-CHHVN ngày / /2019 của Cục Hàng hải Việt Nam)*

|  |  |  |
| --- | --- | --- |
| **Điểm** | **Hệ VN-2000** | **Hệ WGS-84** |
| **Vĩ độ (N)** | **Kinh độ (E)** | **Vĩ độ (N)** | **Kinh độ (E)** |
| 1. **Vùng nước Cảng biển Quy Nhơn**
 |
| P1 | 13044’35.7” | 109014’53.5” | 13044’32” | 109015’00” |
| P2 | 13044’41.2” | 109015’22.5” | 13044’37.5” | 109015’29” |
| P3 | 13043’36.7” | 109015’35.5” | 13043’33” | 109015’42” |
| P4 | 13043’31.7” | 109015’05.5” | 13043’28” | 109015’12” |
| V1 | 13°47'03.7" | 109°14'53.5" | 13°47'00.00" | 109°15'00.00" |
| V2 | 13°46'18.7" | 109°15'23.5" | 13°46'15.00" | 109°15'30.00" |
| V3 | 13°44'33.7" | 109°16'38.5" | 13°44'30.00" | 109°16'45.00" |
| V4 | 13°43'33.7" | 109°16'38.5" | 13°43'30.00" | 109°16'45.00" |
| V10 | 13°47'06.53" | 109°14'40.1" | 13°47'02.81" | 109°14'46.59" |
| V11 | 13°47'09.89" | 109°14'26.73" | 13°47'06.17" | 109°14'33.22" |
| V12 | 13°47'04.98" | 109°14'16.06" | 13°47'01.26" | 109°14'22.554" |
| V13 | 13°47'17.4" | 109°14'21.22" | 13°47'13.68" | 109°14'27.71" |
| V14 | 13°47'25.09" | 109°14'17.53" | 13°47'21.37" | 109°14'24.02" |
| V15 | 13°47'35.19" | 109°14'14.17" | 13°47'31.47" | 109°14'20.66" |
| V16 | 13°47'44.17" | 109°14'13.58" | 13°47'40.451" | 109°14'20.07" |
| T1 | 13°46'57.7" | 109°14'32.6" | 13°46'53.98" | 109°14'39.09" |
| T2 | 13°47'00.4" | 109°14'33.9" | 13°46'56.68" | 109°14'40.39" |
| T3 | 13°46'49.9" | 109°14'41.6" | 13°46'46.18" | 109°14'48.09" |
| T4 | 13°46'49.4" | 109°14'40.7" | 13°46'45.68" | 109°14'47.19" |
| T5 | 13°46'48.9" | 109°14'40.6" | 13°46'45.18" | 109°14'47.09" |
| T6 | 13°46'47.9" | 109°14'41.3" | 13°46'44.181" | 109°14'47.79" |
| T7 | 13°46'47.3" | 109°14'40.3" | 13°46'43.58" | 109°14'46.79" |
| T8 | 13°46'47.3" | 109°14'41.7" | 13°46'43.581" | 109°14'48.19" |
| T9 | 13°46'49.8" | 109°14'45.9" | 13°46'46.081" | 109°14'52.39" |
| T10 | 13°46'51.8" | 109°14'44.7" | 13°46'48.08" | 109°14'51.19" |
| T11 | 13°46'49.0" | 109°14'46.4" | 13°46'45.281" | 109°14'52.89" |
| T12 | 13°46'51.2" | 109°14'40.5" | 13°46'47.5" | 109°14'47.00" |
| T13 | 13°46'48.7" | 109°14'36.5" | 13°46'45.0" | 109°14'43.00" |
| T14 | 13°46'46.4" | 109°14'42.2" | 13°46'42.68" | 109°14'48.69" |
| T15 | 13°46'44.4" | 109°14'43.9" | 13°46'40.681" | 109°14'50.39" |
| T16 | 13°46'45.5" | 109°14'45.7" | 13°46'41.78" | 109°14'52.19" |
| T17 | 13°46'38.9" | 109°14'49.9" | 13°46'35.18" | 109°14'56.39" |
| T18 | 13°46'38.8" | 109°14'47.4" | 13°46'35.08" | 109°14'53.89" |
| T19 | 13°46'39.7" | 109°14'46.8" | 13°46'35.98" | 109°14'53.29" |
| T20 | 13°46'40.8" | 109°14'48.7" | 13°46'37.08" | 109°14'55.19" |
| T21 | 13°46'31.3" | 109°14'54.7" | 13°46'27.58" | 109°15'01.19" |
| T22 | 13°46'32.0" | 109°14'51.7" | 13°46'28.28" | 109°14'58.19" |
| T23 | 13°46'27.2" | 109°14'52.5" | 13°46'23.48" | 109°14'58.99" |
| T24 | 13°46'28.3" | 109°14'54.2" | 13°46'24.58" | 109°15'00.69" |
| T25 | 13°46’03,7’’ | 109°14’53,5’’ | 13°46’00’’ | 109°15’00’’ |
| T26 | 13°46'18.6" | 109°14'58.4" | 13°46'14.88" | 109°15'04.89" |
| T27 | 13°46’19,2’’ | 109°14’55,5’’ | 13°46’15,50’’ | 109°15’02’’ |
| T28 | 13°46'13.3" | 109°14'59.6" | 13°46'09.58" | 109°15'06.09" |
| T29 | 13°47'01.7" | 109°14'21.5" | 13°46'57.98" | 109°14'27.99" |
| T30 | 13°47'00.8" | 109°14'26.6" | 13°46'57.08" | 109°14'33.09" |
| T31 | 13°47'02.3" | 109°14'32.7" | 13°46'58.58" | 109°14'39.19" |
| T32 | 13°47'08.6" | 109°14'25.7" | 13°47'04.88" | 109°14'32.194" |
| T33 | 13°46'57.1" | 109°14'26.1" | 13°46'53.38" | 109°14'32.59" |
| T34 | 13°46'57.9" | 109°14'26.1" | 13°46'54.18" | 109°14'32.59" |
| T35 | 13°46'57.9" | 109°14'28.7" | 13°46'54.18" | 109°14'35.19" |
| T36 | 13°46'57.1" | 109°14'28.7" | 13°46'53.38" | 109°14'35.19" |
| 1. **Vùng nước Cảng biển Vũng Rô**
 |
| P5 | 12051’03.8” | 109024’36.9” | 12051’6.5” | 109024’33.4” |
| P6 | 12051’8” | 109024’58” | 12051’04.3” | 109025’04.5” |
| P7 | 12050’15” | 109024’07” | 12050’11.3” | 109025’13.5” |
| P8 | 12050’10” | 109024’54” | 12050’06.3” | 109024’50.5” |
| V5 | 12°52'06.73" | 109°25'02.53" | 12°52'03 " | 109°25'09" |
| V6 | 12°51'18.72" | 109°25'14.53" | 12°51'14" | 109°25'20" |
| V7 | 12°51'18.72" | 109°24'38.53" | 12°51'14" | 109°24'44" |
| V8 | 12°52'06.72" | 109°24'29.53" | 12°52'02 " | 109°24'35" |
| V9 | 13°24'23.1" | 109°16'43.5" | 13°24'19" | 109°16'49" |
| V17 | 13°18'40.0" | 109°18'42.0" | 13°18'36 " | 109°18'48" |
| T37 | 12°52'06.5" | 109°24'17.3" | 12°52'02" | 109°24'23" |
| T38 | 12°52'07.9" | 109°24'21.7" | 12°52'04" | 109°24'28" |
| T39 | 12°52'03.3" | 109°24'23.2" | 12°51'59" | 109°24'29" |
| T40 | 12°52'01.9" | 109°24'18.9" | 12°51'58" | 109°24'25" |
| T41 | 12°51'56.0" | 109°24'08.9" | 12°51'52" | 109°24'15" |
| T42 | 12°52’02,4”  | 109°24’03,3”  | 12°51’58,7” | 109°24’09,8” |
| T43 | 12°52’04,8”  | 109°24’08,6”  | 12°52’01,1” | 109°24’15,0” |
| T44 | 12°52’01,9”  | 109°24’09,9”  | 12°51’58,2” | 109°24’16,4” |
| Q | 12°51’59,5”  | 109°24’04,7”  | 12°51’55,8” | 109°24’11,1” |