The coordination contour of the mentioned notice was calculated by SMS4DC and the result is exactly same as the coordination contour included in BR IFIC and your E-mail (please see Figure 11).

The step by step procedure is as follow:

- 1- The test has been done with BR IFIC 2637.
- 2- As searched by TerRaQ software (Figure 1) the notice 108061594 with admin_ref_id G_50032/002 is an assignment and recorded with PEC=4 and assignment code =L.

Its associated allotment notice is 106505526 which its PEC is still 3 and there is also a converted assignment notice 108061593.

- 3- The allotment is imported to SMS4DC as shown in figure 2.
- 4- The assignments are imported as shown in figure 3.
- 5- You can see the imported assignments and allotment in database of SMS4DC by selecting the Licensing under Database menu and then "anonymous stations".
- 6- Since the aforementioned assignment has PEC=4 but the associated allotment has still PEC=3, so you should changed the PEC of associated allotment from 3 to 4 as shown in figure 4.
 For this purpose you should select the allotment then push "Modify" and then select PEC=4 and after that save the modifications.
- 7- Then in DEM map please select GE06\BCBT2BCBT (affected Adm) as shown in figure 5, software shows the aforementioned assignment with admin_ref_id= G_50032/002, so select it and unchecked "Calculate Heff from Map" as shown in figure 6.
- 8- Then select 1 degree as azimuth steps as shown in figure 7.
- 9- Software calculated coordination contours and shows the affected countries "E, F, IRL" as shown in figure 8. When you push "show and save coordination contour" the coordination contour will be displayed on DEM map as figure 9.
- 10- To see better the coordination contour, save the contour by using the vector menu and vector handling function. Then you should select the contour and save it (Figure 10).
- 11- Then you should go to IDWM map and from vectors menu and "draw from file" function load the aforementioned contour which you saved it in step 10 as shown in figure 11.
- 12- Now by using the zoom in tool you can see the coordination contour on IDWM map clearly. It is exactly same as the coordination contour as displayed in BRIFIC and your E-mail.

Figure 1

| File | ତୁ [BRIFIC::2637] - GEO6D SFN Properties - Adm: G - SFN Id: G_50032 - TerRaQ 2008 File Edit View Tools Utilities Preferences Window Help 한 교 수 요 종 등 지 않 것 같 상 탁 문 때 한 제 정 술 중 유 조 옷 지 않 것 것 ? 또 운 용 양 양 차 원 | | | | | | | | | | |
|---|--|-----------|---|----------|---|-------|-----------|------------|--------------------------|--|--|
| No. AssgnID Adm Std./Allot. Area Geo. Area Fragment AssgnFreq Adm Ref ID GeoCoord | | | | | | | | | | | |
| | 1 | 106505526 | G | CORNWALL | G | GE06D | 218.64000 | G50032 | N/A | | |
| | 2 | 108061593 | G | | G | GE06D | 218.64000 | G50032/001 | 5°14'17" W ; 50°12'35" N | | |
| \mathbf{P} | 3 | 108061594 | G | | G | GE06D | 218.64000 | G50032/002 | 4°26'10" W ; 50°30'36" N | | |
| | | | | | | | | | | | |
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| | | | | | | | | | | | |



| IFIC import X | | | | | | | | |
|---|--|--|--|--|--|--|--|--|
| Service Administration FM/TV Allotments LF / MF AFS AGL AGL ALB Clear | | | | | | | | |
| Frequency conditions $F = F1$ $F <> F1$ $F >= F1$ $F <= F1$ $F <= F1$ $F <= F1$ $F <= F1$ $F >= F1$ and $F < F2$ $F >= F1$ and $F < F2$ $F <= F1$ $F <= F2$ $F <= F2$ | | | | | | | | |
| Class of Station | | | | | | | | |

Figure 3

| IFIC import | × |
|--|-------------------------------------|
| Service Administration FM/TV Allotments AFG AFG AGL AIA FXM | Remove Import |
| Frequency conditions $F = F1$ $F < F1$ $F > F1$ $F > F1$ $F < F1$ $F1 < F1$ </td <td></td> | |
| Class of Station | Assign ID 108061593 108061594 |
| Add> Add < Remove Clear Clear | move v |
| Import progress: | |

Figure 4

| SMS4DC | | | |
|---|--------------------|----------------|------|
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| D 😅 🖬 X 🖻 🖻 🥌 💙 🖓 🖸 🎾 🖇 | | | |
| SMS 4DC Administrative data | | nt information | |
| Anonymous Stations | Modify Cancel Save | | |
| Fixed/Base Stations | mouly Caricel Save | Value | Unit |
| Mobile Stations | | | Unit |
| | Allotment name | CORNWALL | |
| E CARADON HU | Geographical area | | |
| C Station: CARADON HILL E C A BC Station: REDRUTH | No. of sub-areas | | 1 |
| | Notice Type | DS2 | |
| GE06 Allotment: CORNWALL-1 | Fragment | GE06D | |
| To Active Licenses | Plan entry code | 3 | • |
| Archived Licenses | SFN ID | 1 | |
| | Ref. plan config. | 23 | |
| | Frequency | | MHz |
| | Admin. Ref. ID | 5 G_50032 | |
| | Country | G | |
| | Class of station | BC | |
| | Polarization | V | |
| | Reference Network | RN6 | |
| | Spectrum mask | | |
| | Offset | | 0 |
| | TV channel | | |

| Database Propagation Models Vectors F Display Selected Station(s) Station(s) Station(s) Station(s) in Desktop Move Station Add Station Search Station Remove Station(s) from Display Display Links Import from IFIC Import from SRS | | | |
|---|--------------|------|----------------------------|
| Licensing | Coordination | Inte | erference Monitoring |
| Audit Trail Users | ST61 | • | |
| Backup | GE84 | • | |
| Display Selected Earth Station(s) | GE89 | | |
| Earth Station(s) in Desktop | GE05 | | PCPT2PCPT(Affected Admin) |
| Move Earth Station | GEUO | | BCBT2BCBT(Affected Admin.) |
| Add Earth Station | Agreement | s | BCBT2FXLM(Affected Admin.) |
| Remove Earth Station(s) from Display | Border | - | FXLM2BCBT(Affected Admin.) |
| Display Receiving Area | | _ | Coverage Area |
| Display Service Area(FXM) | | | - |
| Display Service Area(GE06 BC,BT) | 100 | | Service Area |
| Display Allotment Area Define Allotment Area | | | Interference to |
| Display GE06 Plan Entry | | | Interference from |
| Display Converted Assignment(s) | | | Interference from |

Figure 6

| MS Wanted Assignment/Allotment | | | | | | | | |
|---|----------|------------|-----------|---------|---------|-------------|----------|------|
| Image: Calculate Heff from M Image: Calculate Heff from M | | | | | | ff from Map | | |
| IDst | TerraKey | AdmRefID | SiteName | GeoLat | GeoLon | Country | Fragment | Plan |
| 2 | 4892504 | G50032/002 | CARADON I | 50.5100 | -4.4361 | | GE06D | |
| | 83900068 | G50032 | CORNWALL | | | G | GE06D | |
| I | | | | | | | | Þ |



Figure 8

| 06 B(| C-BT to | BC-BT | - Affected / | Administrations | | | | |) | | | |
|-------|---|-------|--------------|-------------------|-------------------|-----------------|------------------|-----------|------|--|--|--|
| | Assignment/Allotment : | | | | | | | | | | | |
| | AS/AL Name ADM_REF_ID NoticeType PlanEntryCode AssignCode CTRY AI | | | | | | | | | | | |
| w | AS | CAF | RADON | G_50032/002 | GS1 | 4 | L | G | G | | | |
| L | AL | COF | NWALL | G50032 | DS2 | 4 | | G | G | | | |
| | | | | | | | | | | | | |
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| | - | | | | | | | | | | | |
| | | | | Affecte | d Administrations | : | | | | | | |
| No | CTRY | ADM | Trigger Fi | eld Strength (dBu | (V/m) | | | | | | | |
| 1 | E | E | | | 12 | | | | | | | |
| 2 | F | F | | | 12 | | | | | | | |
| 3 | IRL | IBL | | | 12 | | | | | | | |
| | | | | | | | | | | | | |
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| R | eport | | | | 🔲 Google | e Earth Show an | nd Save Coordina | ation Con | tour | | | |
| _ | | | | | | | | | _ | | | |



Figure 10







Figure 12

